



## REQUEST FOR QUOTATION RFQ 074/17

NAME & ADDRESS OF FIRM	DATE: October 9, 2017
	REFERENCE: <b><i>Supply of laboratory and soil sampling equipment for UNDP Armenia</i></b>

Dear Sir / Madam:

We kindly request you to submit your quotation for the ***Supply of laboratory and soil sampling equipment for UNDP Armenia*** detailed in Annex 1 of this RFQ.

Quotations may be submitted on or before **18:00** (local time), **October 31, 2017** and via ☒ e-mail, or ☐ courier mail to the address below:

[tenders.armenia@undp.org](mailto:tenders.armenia@undp.org)

or

**United Nations Development Programme  
14 Petros Adamyan street, 0010, Yerevan**

Quotations submitted by email must be limited to a maximum of 5MB, virus-free and no more than 3 transmissions. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected.

It shall remain your responsibility to ensure that your quotation will reach the address above on or before the deadline. Quotations that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your quotation by email, kindly ensure that they are signed and in the .pdf format, and free from any virus or corrupted files.

Please take note of the following requirements and conditions pertaining to the supply of the abovementioned good/s:

Delivery Terms [INCOTERMS 2010]	<input checked="" type="checkbox"/> DAP Yerevan
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Customs clearance <sup>1</sup> , if needed, shall be done by:	<input checked="" type="checkbox"/> by UNDP		
Exact Address of Delivery Location:	14 P.Adamyan, UN House, Yerevan, Armenia		
Latest Expected Delivery	<input checked="" type="checkbox"/> 60 days from the issuance of the Purchase Order (PO)		
Delivery Schedule	<input checked="" type="checkbox"/> Required		
Mode of Transport	<input checked="" type="checkbox"/> LAND	<input checked="" type="checkbox"/> SEA	<input checked="" type="checkbox"/> AIR
Preferred Currency of Quotation <sup>2</sup>	<input checked="" type="checkbox"/> United States Dollars <input checked="" type="checkbox"/> Local Currency: Armenian drams		
Value Added Tax on Price Quotation <sup>3</sup>	<input checked="" type="checkbox"/> Must be exclusive of VAT and other applicable indirect taxes		
After-sales services required	<input checked="" type="checkbox"/> Warranty as per Annex 1		
Deadline for the Submission of Quotation	Tuesday, October 31, 2017, 18:00 local time		
All documentations, including catalogs, instructions and operating manuals, shall be in this language	<input checked="" type="checkbox"/> English <input type="checkbox"/> Armenian		
Documents to be submitted <sup>4</sup>	<input checked="" type="checkbox"/> Duly Accomplished Form as provided in Annex 2, and in accordance with the list of requirements in Annex 1; <input checked="" type="checkbox"/> Company's profile; <input checked="" type="checkbox"/> Latest Business Registration Certificate; <input checked="" type="checkbox"/> Manufacturer's Authorization of the Company as a Sales Agent (if Supplier is not the manufacturer); <input checked="" type="checkbox"/> Written Self-Declaration of not being included in the UN Security Council 1267/1989 list, UN Procurement Division List or other UN Ineligibility List; <input checked="" type="checkbox"/> List of similar past contracts, technical specifications of proposed goods, <input checked="" type="checkbox"/> Provide detailed schedule of goods delivery - CIP Yerevan. <input checked="" type="checkbox"/> Warranty (as per Annex 1 requirements)		
Period of Validity of Quotes starting the Submission Date	<input checked="" type="checkbox"/> 60 days In exceptional circumstances, UNDP may request the Vendor to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Quotation.		
Partial Quotes	<input checked="" type="checkbox"/> Not Permitted		
Payment Terms	<input checked="" type="checkbox"/> 100% upon complete delivery of goods		

<sup>1</sup> Must be linked to INCO Terms chosen.

<sup>2</sup> Local vendors must comply with any applicable laws regarding doing business in other currencies. Conversion of currency into the UNDP preferred currency, if the offer is quoted differently from what is required, shall be based only on UN Operational Exchange Rate prevailing at the time of UNDP's issuance of Purchase Order.

<sup>3</sup> This must be reconciled with the INCO Terms required by the RFQ. Furthermore, VAT exemption status varies from one country to another. Pls. tick whatever is applicable to the UNDP CO/BU requiring the goods.

<sup>4</sup> First item in this list are mandatory for the supply of imported goods

Evaluation Criteria	<input checked="" type="checkbox"/> Technical responsiveness/Full compliance to requirements and lowest price <sup>5</sup> <input checked="" type="checkbox"/> Manufacturer/suppliers must have at least 3 years of experience in manufacturing/supply of requirement equipment or similar products. <input checked="" type="checkbox"/> Supplier should provide warranty as per Annex 1 requirements on supplied equipment. <input checked="" type="checkbox"/> Full acceptance of the PO/Contract General Terms and Conditions
UNDP will award to:	<input checked="" type="checkbox"/> One or more Supplier, depending on the following factors: there can be 6 suppliers, one per each Lot.
Type of Contract to be Signed	<input checked="" type="checkbox"/> Purchase Order
Conditions for Release of Payment	<input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with RFQ requirements.
Annexes to this RFQ <sup>6</sup>	<input checked="" type="checkbox"/> Specifications of the Goods Required (Annex 1) <input checked="" type="checkbox"/> Form for Submission of Quotation (Annex 2) <input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions (Annex 3). Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.
Contact Person for Inquiries (Written inquiries only)	<a href="mailto:Procurement.armenia@undp.org">Procurement.armenia@undp.org</a> Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.

Goods offered shall be reviewed based on completeness and compliance of the quotation with the minimum specifications described above and any other annexes providing details of UNDP requirements.

The quotation that complies with all of the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.

After UNDP has identified the lowest price offer, UNDP reserves the right to award the contract based only on the prices of the goods in the event that the transportation cost (freight and insurance) is found to be higher than UNDP's own estimated cost if sourced from its own freight forwarder and insurance provider.

At any time during the validity of the quotation, no price variation due to escalation, inflation,

<sup>5</sup> UNDP reserves the right not to award the contract to the lowest priced offer, if the second lowest price among the responsive offer is found to be significantly more superior, and the price is higher than the lowest priced compliant offer by not more than 10%, and the budget can sufficiently cover the price difference. The term "more superior" as used in this provision shall refer to offers that have exceeded the pre-determined requirements established in the specifications.

<sup>6</sup> Where the information is available in the web, a URL for the information may simply be provided.

fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the quotation. At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Purchase Order that will be issued as a result of this RFQ shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a quotation implies that the vendor accepts without question the General Terms and Conditions of UNDP herein attached as Annex 3.

UNDP is not bound to accept any quotation, nor award a contract/Purchase Order, nor be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.

Please be advised that UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a purchase order or contract in a competitive procurement process. In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link:

<http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/>

UNDP encourages every prospective Vendor to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.

UNDP implements a zero tolerance on fraud and other proscribed practices, and is committed to identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its suppliers to adhere to the UN Supplier Code of Conduct found in this link : [http://www.un.org/depts/ptd/pdf/conduct\\_english.pdf](http://www.un.org/depts/ptd/pdf/conduct_english.pdf)

**Thank you and we look forward to receiving your quotation.**

**Sincerely yours,**  
*Procurement Unit*  
October 9, 2017

## Supply of laboratory and soil sampling equipment for UNDP Armenia

### Technical Specifications

Lot #	Items to be Supplied Description / Specifications of Goods	Quantity	Latest Delivery Date (after issuing PO)
1	<p><b>Vanta C Series Handheld XRF Analyzer</b> including Tungsten (W) anode 40 kV X-ray tube, SDD (Silicon Drift Detector), in-line camera for aiming. Primary Method: GeoChem (2 beam) Calibration for Vanta C series, Tungsten anode analyzers. Analysis for geochemical samples measuring Al, Si, K, Ca, S, P, Cl, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, W, Zn, Hg, As, Pb, Bi, Se, Th, U, Rb, Sr, Y, Zr, Nb, Mo, Ag, Cd, Sn, Sb.</p> <p>Accessories include Docking Station, sealed rugged carrying case, 2 Li-Ion batteries, USB cable, USB storage with PC Software, 10 spare analysis windows, wrist strap and power supply, with USA power cord. Built per Canada Regulations.</p> <ul style="list-style-type: none"> <li>- Cooler system – FAN</li> <li>- Resolution on detector &lt;135 eV</li> <li>- Battery “hot swap”</li> <li>- Detector shield</li> <li>- Wi-Fi</li> <li>- Operation System – Linux</li> <li>- IP 65 \ Mil-Std 810</li> <li>- Embedded GPS</li> </ul> <p><b>Warranty 30 months</b></p>	1	60 days
2	<p><b>RV digital Control V Rotary Evaporator</b></p> <p>The fully automated rotary evaporator RV 10 digital, precisely controlled via the RS 232 interface for remote PC operation with <b>PC and PC Software</b> (for example, IKA®'s labworldsoft®) and is thus ideal for automatic operation.</p> <p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Universal water/oil heating bath</li> <li>• Integrated vacuum controller</li> <li>• Color graphic display operation</li> <li>• Optimized bath volume for fast heat-up times</li> <li>• Highly efficient 1500 cm<sup>2</sup> condenser</li> <li>• Rugged design</li> <li>• Ergonomically placed handles on the Heating bath</li> <li>• Intuitive operation through graphic display</li> <li>• Program function of up to 10 individual procedures</li> <li>• Smooth start</li> <li>• Left-right interval</li> <li>• Timer function</li> <li>• Dry-run protection</li> <li>• Safety temperature circuits</li> <li>• Lower-end stop</li> <li>• Choice of coated glassware</li> <li>• Push-off mechanism to loosen tight fitted glassware</li> <li>• Easy and safe operation due to ergonomical design of the user interface</li> <li>• Digital interface for remote control</li> <li>• Multi language</li> <li>• USB and RS 232 interface</li> </ul>	1	60 days

<ul style="list-style-type: none"><li>Automated management of cooling water</li><li>Automated venting after process end</li><li>Automated management of Heating bath controls</li><li>Package description: Heating bath HB 10, RV 10.1 Set of glassware, vertical and RV 10.4002 Magnetic valve laboratory vacuum</li></ul>		
<b><u>Specifications</u></b>		
Certifications	DIN EN 60529	
Depth (Metric)	410mm	
Hertz	50/60Hz	
Weight (Metric)	21.5kg	
Width (Metric)	500mm	
Speed	20 to 280rpm	
Temperature Range (Metric)	RT to 180°C	
Cooling Surface	1500cm <sup>2</sup>	
Product Type	Rotary Evaporator	
Motor Type	DC drive	
Wattage	1400 Input x 1300 Output	
IP Rating	20	
Angle	0 to 45°	
Capacity	3L	
Height (Metric)	430mm	
Vacuum Control	Integrated	
Voltage	220 to 240	
Model	digital control V	
Timer	Yes	
Display	Color graphic	
For Use With (Equipment)	220 to 240 V, 50/60Hz, 1400W	
Includes	Heating bath HB 10, RV 10.1 Set of glassware, vertical Magnetic valve laboratory vacuum	
Valve Type	RV 10.4002 Magnetic valve	
Condenser Type	Vertical	
Controller Type	Integrated vacuum	
<b><u>Consumables</u></b>		
<b>HB 10.2 Protective cover for heating bath</b>		
<b>Evaporation flask NS 29/32</b>		
<ul style="list-style-type: none"><li>RV 10.80 Evaporation flask, 50 ml – 6 pcs.</li><li>RV 10.81 Evaporation flask, 100 ml -12 pcs.</li><li>RV 10.82 Evaporation flask, 250 ml- 6 pcs.</li></ul>		
<b>Powder flask NS 29/32</b>		
RV 10.300 Powder flask, 500 ml-2 pcs.		
<b>Evaporation cylinder NS 29/32</b>		
RV 10.400 Evaporation cylinder, 500 ml-1 pcs.		
<b>Distilling spider with 5 flasks NS 29/32</b>		
RV 10.607 Distilling spider with 5 flasks, 100 ml-2 pcs.		
RV 10.91 Evaporation flask, 100 ml-10		
<b>RV 10.4003 Pump control incl. magnetic valve-1 pcs.</b>		
<b>RV 10.5001 Choke water valve-1 pcs.</b>		
<b>RV 10.5002 Filter-2 pcs.</b>		
<b>RV 10.5003 Pressure regulating valve-1 pcs.</b>		
<b>Vacuum pump (MPC 105 T): 1 pcs.</b>		
General data <b>Vacuum pump</b>		
Pumping speed 50/60 Hz 0,8 m <sup>3</sup> / h		
(DIN 28432 at speed of 1350 rpm) 13 l / min		
Ultimate vacuum < 2,0 mbar		
Operating pressure 1 bar		
Connectors for tube ID 8 mm		
Permissible ambient temperature +10...+40 °C		
Voltage 115/230 V		

	<p>Motor protection IP 42 Power 68 W Frequency 50/60 Hz Weight 7,5 kg Dimensions (W x D x H) 235 x 145 x 327 mm</p> <p><b>Chiller with air-cooled refrigerating unit and circulation pump-1 pcs.</b> UC 006 Unichiller: General data Operating temperature range - 20 to 40 °C Temperature display digital Cooling power at 15°C 0,6 kW Refrigerant R134a Pump connection for hose NW8/12 Min. filling capacity 1,25 l Overall dimensions (W x D x H) 277 x 490 x 414 mm Net weight 37 kg Power supply requirement 230 V 50/60 Hz Min. ambient temperature 5 °C Max. ambient temperature 40 °C</p> <p><b>Warranty 5 years</b></p>		
3	<p><b>EVAPORATOR/CONCENTRATOR SYSTEM</b> Analytical Evaporator/Concentrator System (8 (min) to 20 (max) position) Well with Heated Manifold. For the concentration of microplate extractions and reactions with heat block Gently speeds evaporation of excess liquid.</p> <ul style="list-style-type: none"> <li>• Heats to 100 (or &gt;100)°C for even faster drying times.</li> <li>• Digital temperature control.</li> <li>• Display: 4-Digit LED.</li> <li>• Accuracy: + 0.25% of Spa</li> <li>• Control Type: PID Parameters with auto tune</li> </ul> <p><b><u>Specifications</u></b></p> <p>A rack to be able to insert different tubes and easily align the needles for evaporation accommodates tubes or containers from 8 mm to 25.4 mm diameter with volumes from 1 ml to 50 ml. Gas Flow: 0 to 10 L/min, with flowmeter. Gas pressures up to a maximum of 40 psig can be utilized. A fine needle valve controls the total flow to the equalizer manifold providing equal gas flow to each well. Each well has consistent evaporation. Stainless steel needles 4-inch x 16-gauge. Gas flow: 1 to 100 mL/per needle. Needle height is easily adjustable to enable most sizes and capacities of microplates. Each stainless steel needle delivers an equal flow of nitrogen, air or other gas, or each stainless steel needle has individual fine needle control valves and for regulation gas flow. Evaporator is fabricated with aluminum, brass, Polypropylene, or other plastic, or combination. All brass parts are nickel plated for corrosion resistance. Evaporator body can be sterilized by autoclaving. Electrical parameters: 2.0A, 50/60Hz., 240V ON/OFF power switch, fuse protection, 3-wire cord with molded plug</p> <p><b>Warranty 1 years (for electrical components)</b></p>	1	60 days
4	<p><b><u>Heating Mantle Six-Place Low Temperature 100/125ml Round Bottom Flasks 240V, 2 pcs.</u></b> 104A RL3624 percentage timer or 104A RL4624 proportional voltage controls.</p>	1	60 days

<p>Combination mantles have always been the mantles of choice for repetitive extracting, refluxing, and distilling procedures in labs of the food, textile fiber, water and waste-water, petroleum, and many other industries.</p> <ul style="list-style-type: none"> <li>• Lower profile for space-saving convenience</li> <li>• Revolutionary heating element container system makes replacing burned-out elements a simple, five-minute task</li> <li>• Element containers act as spill containment chambers to capture chemicals from spillage or boil-over</li> <li>• Clear anodized aluminum cabinet with black PTFE resin coated top for chemical resistance</li> <li>• Offered in two space-saving configurations; six-place for 100-300 ml flasks and three-place for 500-1,000 ml flasks</li> <li>• Low-temperature (450°C) version</li> </ul> <p>Each six-place Combo is furnished with six spring-type glassware clamps, and each three-place unit contains three. The clamps hold glassware from 1-5/8" - 2" in diameter. The clamps attach to one of the horizontal support rods.</p> <p><b>Flask Size (ml):</b> 100/125  <b>Maximum Diameter (in):</b> 2.75  <b>Bottom:</b> Round  <b>Rating Per Position:</b> 85W, 240V  <b>Mantle Weigh:</b> 18-21kg  <b>Replacement Element:</b> 199D RX12724E or 100D RX12524E</p> <p><b><u>PARTS LIST</u></b></p> <ol style="list-style-type: none"> <li>1. RX or RJ heating mantle 1 EA.</li> <li>2. Vertical support rod 2 EA.</li> <li>3. Upper horizontal support rod 1 EA.</li> <li>4. Lower horizontal support rod 1 EA.</li> <li>5. Lab lattice clamp (6-position uses 10 each)</li> <li>6. Spring clamp (6-position uses 6 each)</li> </ol> <p>Two Series RL control choices included: percentage timer or proportional voltage.  The percentage-timer version pulses full-line voltage to each heating position according to the dial setting.  The proportional-voltage version supplies a constant, steady-state voltage to each position.  The six-place controls are actually two units that can be mounted together or separately.  The cord-connected controls allow placement at a convenient location for the operator.</p> <p><b><u>Percentage Timer Control for 6 place RJ or RX, 240V</u></b>- 4 pcs.  Percentage Timer Control for 6 place RJ or RX Combo Mantle 240V  (as Glas-Col 104A RL3624 / GlasCol 104ARL3624 / as VWR 33795-322)  <b>Control Type:</b> Percentage timer  <b>For Use with:</b> 6-place 240V RJ or RX  <b>Amps:</b> 15  <b>Volts:</b> 240  <b>Product Weight (lbs):</b> 11</p> <p><b><u>Proportional Voltage Control for 6 place RJ or RX, 240V</u></b>- 1 pcs.  Proportional Voltage Control for 6 place RJ or RX Combo Mantle 240V  (as Glas-Col 104A RL4624 / GlasCol 104ARL4624 / VWR 33795-330)  <b>Control Type:</b> Proportional voltage  <b>For Use with:</b> 6-place 240V RJ or RX  <b>Amps:</b> 15  <b>Volts:</b> 240  <b>Product Weight (lbs):</b> 9-12</p> <p><b>Specifications:</b></p>		
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<p>Size: 9" wide x 8 1/4"h x 4-1/4"d (6-place unit) Equipped with one quick-attach open-face bracket for 1/2" diameter rod. Six-place controls are equipped with two brackets.</p> <p><b>Electrical:</b> Six-place control has two interconnect cords and two power cords.</p> <p><b>Finish:</b> Black or silver.</p> <p><b><u>Digital auto-temperature display of setpoint and process temperatures -1 pcs.</u></b> Specifications: Accuracy: 0.1% of span, +/- 1.0°C Calibration: C° or F° user selectable Display: LED Process/Setpoint Resolution: 1°, 1.0° or 1.00° Control: PID with Auto-tune algorithm, Solid state relay Environment 0 to 149°F / -18 to 65°C; 0 to 90% RH, non-condensing Voltage: 240 Watts: 2400 Thermocouple Type: TYPE J</p> <p><b>SOXHLET EXTRACTION COMPLETE 125ml - 20 pcs.</b></p> <p><b><u>Description</u></b> Used for the continuous extraction of solids with a suitable solvent. Units are supplied complete with round (or flat) bottom boiling flask, Soxhlet extractor and Allihn condenser. The extractor capacity shown is the solvent volume held in the extractor to the top of the siphon tube. The siphon tube is protected from accidental damage by the vapor tube. Extractor has an outer joint at the top for connection to the condenser and an inner joint at the bottom for connection to the flat bottom boiling flask. Soxhlet extraction apparatus uses cellulose, glass microfiber or fritted glass extraction thimbles (not supplied).</p> <p><b><u>Properties</u></b></p> <table><tr><td>Supplied:</td><td>Complete</td></tr><tr><td>Extractor Capacity (mL):</td><td>50</td></tr><tr><td>Thimble O.D. x Length mm:</td><td>25 x 85</td></tr><tr><td>Joints Condenser:</td><td>34/45</td></tr><tr><td>Flask Capacity (mL):</td><td>125</td></tr><tr><td>Joints Flask:</td><td>24/40</td></tr></table> <p><b>LG-7220-144/ Round Bottom Flask 1N 125mL 24/40 – 6 pcs.</b> <b>LG-7220-142/ Round Bottom Flask 1N 100mL 24/40 – 20 pcs.</b> <b>LG-7220-144/ Round Bottom Flask 1N 50mL 24/40 – 6 pcs.</b> <b>LG-7220-146/Round Bottom Flask 1N 200mL 24/40 – 6 pcs.</b> <b>Advantec Extraction Thimbles, Cellulose, 25mm x 80mm 25/pack MFS 84</b> Extraction Thimbles, Cellulose Soxhlet Extraction Thimbles MFS 84 25/BX MFS N084 - <b>10packs</b></p> <p><b><u>Extraction Thimbles</u></b> High purity, seamless filters with a characteristic thimble shape. Applications include analysis of fats, oils, grease, pesticides, pollutants, other organics and additives in plastics and rubber materials.</p> <p><b>Cellulose Thimbles – No. 84</b></p> <ul style="list-style-type: none"><li>• Suitable for Soxhlet extractions of organic components</li><li>• Dust sampling</li><li>• Lipid content &lt;0.1% by weight</li></ul> <p><b>Warranty 1 years (for electrical components)</b></p>	Supplied:	Complete	Extractor Capacity (mL):	50	Thimble O.D. x Length mm:	25 x 85	Joints Condenser:	34/45	Flask Capacity (mL):	125	Joints Flask:	24/40		
Supplied:	Complete													
Extractor Capacity (mL):	50													
Thimble O.D. x Length mm:	25 x 85													
Joints Condenser:	34/45													
Flask Capacity (mL):	125													
Joints Flask:	24/40													

5	<p><b>Auger set for heterogeneous soils</b>, standard set for angering’s to a depth of 5 m. With unpainted augers for environmental research. Augers with conical <b>screw thread</b> connection.</p> <p><b>Specifications:</b></p> <table><tr><td>Connection</td><td>screw</td></tr><tr><td>Drilling diameter</td><td>7 cm</td></tr><tr><td>Maximum sample depth</td><td>5 m</td></tr><tr><td>Product material</td><td>iron, other material</td></tr><tr><td>Sample length</td><td>10 cm</td></tr><tr><td>Sample specification</td><td>disturbed</td></tr><tr><td>Sampler position</td><td>vertical</td></tr><tr><td>Package size</td><td>117 x 27 x 23 cm</td></tr><tr><td>Weight</td><td>33 kg</td></tr></table> <p>The auger set (with <b>screw connection</b>), among other items, comprises: 4 types of Edelman augers</p> <ul style="list-style-type: none"><li>• 4 types of Edelman augers (clay-, sand-, coarse sand and combination type),</li><li>• Riverside auger,</li><li>• a stony soil auger,</li><li>• a spiral auger,</li><li>• a piston sampler and a gouge auger.</li></ul> <p>The set additionally contains:</p> <ul style="list-style-type: none"><li>• extension rods,</li><li>• a fiberglass utility probe,</li><li>• a sounding device with measuring tape,</li><li>• a push-/pull handle,</li><li>• maintenance equipment</li><li>• field data registration set.</li></ul> <p>The complete set is delivered in an aluminium transport case.</p> <p><b>Warranty 2 years</b></p>	Connection	screw	Drilling diameter	7 cm	Maximum sample depth	5 m	Product material	iron, other material	Sample length	10 cm	Sample specification	disturbed	Sampler position	vertical	Package size	117 x 27 x 23 cm	Weight	33 kg	1	60 days
Connection	screw																				
Drilling diameter	7 cm																				
Maximum sample depth	5 m																				
Product material	iron, other material																				
Sample length	10 cm																				
Sample specification	disturbed																				
Sampler position	vertical																				
Package size	117 x 27 x 23 cm																				
Weight	33 kg																				
6	<p><b>GOUGE AUGER KIT, HARD STONY SOILS, UP TO 1 M</b> Complete Kit for coring in medium hard soils. Kit includes gouge auger length 100 cm absorbing hammer, plus accessories in a carrying bag.</p> <p><b>Specifications:</b> Auger length: 100 cm Hole depth: up to 1 meter Weight: 15.88 lbs Dimensions: 52.00L x 15.00W x 4.00H Single Gouge Auger Sets Sets for core sampling tougher layers with minimal disturbance of soil for mapping, suitability reviews, root, fertilization, clay and paleontological research. Quick and virtually undisturbed sampling in soils to 1m Advantages Will take samples in the toughest of soils Fast and easy to use Will cut through bricks and withstand stones Virtually undisturbed profile for analysis Made from toxic high tensile strength steel Easy to clean and very robust Available in 50cm 100cm lengths, 30mm diameter.</p> <p><b>Warranty 2 years</b></p>	2	60 days																		

## FORM FOR SUBMITTING SUPPLIER'S QUOTATION<sup>7</sup>

*(This Form must be submitted only using the Supplier's Official Letterhead/Stationery<sup>8</sup>)*

We, the undersigned, hereby accept in full the UNDP General Terms and Conditions, and hereby offer to supply the items listed below in conformity with the specification and requirements of UNDP as per RFQ Reference No. **RFQ 074/17**:

**TABLE 1: Offer to Supply Goods Compliant with Technical Specifications and Requirements**

LOT 1	Description/Specification of Goods	Quantity	Latest Delivery Date	Unit Price, currency	Total Price per Item, currency
	<p><b>Vanta C Series Handheld XRF Analyzer</b> including Tungsten (W) anode 40 kV X-ray tube, SDD (Silicon Drift Detector), in-line camera for aiming. Primary Method: GeoChem (2 beam) Calibration for Vanta C series, Tungsten anode analyzers. Analysis for geochemical samples measuring Al, Si, K, Ca, S, P, Cl, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, W, Zn, Hg, As, Pb, Bi, Se, Th, U, Rb, Sr, Y, Zr, Nb, Mo, Ag, Cd, Sn, Sb. Accessories include Docking Station, sealed rugged carrying case, 2 Li-Ion batteries, USB cable, USB storage with PC Software, 10 spare analysis windows, wrist strap and power supply, with USA power cord. Built per Canada Regulations.</p> <ul style="list-style-type: none"> <li>- Cooler system – FAN</li> <li>- Resolution on detector &lt;135 eV</li> <li>- Battery “hot swap”</li> <li>- Detector shield</li> <li>- Wi-Fi</li> <li>- Operation System – Linux</li> <li>- IP 65 \ Mil-Std 810</li> <li>- Embedded GPS</li> </ul> <p><b>Warranty 30 months</b></p>	1	60 days		
	<b>Total:</b>				
	<b>Total Prices of Goods<sup>9</sup></b>				
	Add: Cost of Transportation				
	Add: Cost of Insurance				
	Add: Other Charges (pls. specify)				
	<b>Total Final and All-Inclusive Price Quotation</b>				

<sup>7</sup> This serves as a guide to the Supplier in preparing the quotation and price schedule.

<sup>8</sup> Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes

<sup>9</sup> Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

LOT 2	Description/Specification of Goods	Quantity	Latest Delivery Date	Unit Price, currency	Total Price per Item, currency																																												
	<p><b>RV digital Control V Rotary Evaporator</b> The fully automated rotary evaporator RV 10 digital, precisely controlled via the RS 232 interface for remote PC operation with <b>PC and PC Software</b> (for example, IKA®'s labworldsoft®) and is thus ideal for automatic operation.</p> <p><b>Description</b></p> <ul style="list-style-type: none"><li>• Universal water/oil heating bath</li><li>• Integrated vacuum controller</li><li>• Color graphic display operation</li><li>• Optimized bath volume for fast heat-up times</li><li>• Highly efficient 1500 cm² condenser</li><li>• Rugged design</li><li>• Ergonomically placed handles on the Heating bath</li><li>• Intuitive operation through graphic display</li><li>• Program function of up to 10 individual procedures</li><li>• Smooth start</li><li>• Left-right interval</li><li>• Timer function</li><li>• Dry-run protection</li><li>• Safety temperature circuits</li><li>• Lower-end stop</li><li>• Choice of coated glassware</li><li>• Push-off mechanism to loosen tight fitted glassware</li><li>• Easy and safe operation due to ergonomical design of the user interface</li><li>• Digital interface for remote control</li><li>• Multi language</li><li>• USB and RS 232 interface</li><li>• Automated management of cooling water</li><li>• Automated venting after process end</li><li>• Automated management of Heating bath controls</li><li>• Package description: Heating bath HB 10, RV 10.1 Set of glassware, vertical and RV 10.4002 Magnetic valve laboratory vacuum</li></ul> <p><b>Specifications</b></p> <table><tr><td>Certifications</td><td>DIN EN 60529</td></tr><tr><td>Depth (Metric)</td><td>410mm</td></tr><tr><td>Hertz</td><td>50/60Hz</td></tr><tr><td>Weight (Metric)</td><td>21.5kg</td></tr><tr><td>Width (Metric)</td><td>500mm</td></tr><tr><td>Speed</td><td>20 to 280rpm</td></tr><tr><td>Temperature Range (Metric)</td><td>RT to 180°C</td></tr><tr><td>Cooling Surface</td><td>1500cm²</td></tr><tr><td>Product Type</td><td>Rotary Evaporator</td></tr><tr><td>Motor Type</td><td>DC drive</td></tr><tr><td>Wattage</td><td>1400 Input x 1300 Output</td></tr><tr><td>IP Rating</td><td>20</td></tr><tr><td>Angle</td><td>0 to 45°</td></tr><tr><td>Capacity</td><td>3L</td></tr><tr><td>Height (Metric)</td><td>430mm</td></tr><tr><td>Vacuum Control</td><td>Integrated</td></tr><tr><td>Voltage</td><td>220 to 240</td></tr><tr><td>Model</td><td>digital control V</td></tr><tr><td>Timer</td><td>Yes</td></tr><tr><td>Display</td><td>Color graphic</td></tr><tr><td>For Use With (Equipment)</td><td>220 to 240 V, 50/60Hz, 1400W</td></tr><tr><td>Includes</td><td>Heating bath HB 10, RV 10.1 Set of laboratory vacuum</td></tr></table>	Certifications	DIN EN 60529	Depth (Metric)	410mm	Hertz	50/60Hz	Weight (Metric)	21.5kg	Width (Metric)	500mm	Speed	20 to 280rpm	Temperature Range (Metric)	RT to 180°C	Cooling Surface	1500cm²	Product Type	Rotary Evaporator	Motor Type	DC drive	Wattage	1400 Input x 1300 Output	IP Rating	20	Angle	0 to 45°	Capacity	3L	Height (Metric)	430mm	Vacuum Control	Integrated	Voltage	220 to 240	Model	digital control V	Timer	Yes	Display	Color graphic	For Use With (Equipment)	220 to 240 V, 50/60Hz, 1400W	Includes	Heating bath HB 10, RV 10.1 Set of laboratory vacuum	1	60 days		
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	Valve Type RV 10.4002 Magnetic valve Condenser Type Vertical Controller Type Integrated vacuum  <b>Consumables</b> <b>HB 10.2 Protective cover for heating bath</b> <b>Evaporation flask NS 29/32</b> <ul style="list-style-type: none"> <li>RV 10.80 Evaporation flask, 50 ml – 6 pcs.</li> <li>RV 10.81 Evaporation flask, 100 ml -12 pcs.</li> <li>RV 10.82 Evaporation flask, 250 ml- 6 pcs.</li> </ul> <b>Powder flask NS 29/32</b> RV 10.300 Powder flask, 500 ml-2 pcs. <b>Evaporation cylinder NS 29/32</b> RV 10.400 Evaporation cylinder, 500 ml-1 pcs. <b>Distilling spider with 5 flasks NS 29/32</b> RV 10.607 Distilling spider with 5 flasks, 100 ml-2 pcs. RV 10.91 Evaporation flask, 100 ml-10  <b>RV 10.4003 Pump control incl. magnetic valve-1 pcs.</b> <b>RV 10.5001 Choke water valve-1 pcs.</b> <b>RV 10.5002 Filter-2 pcs.</b> <b>RV 10.5003 Pressure regulating valve-1 pcs.</b>  <b>Vacuum pump (MPC 105 T): 1 pcs.</b> General data <b>Vacuum pump</b> Pumping speed 50/60 Hz 0,8 m <sup>3</sup> / h (DIN 28432 at speed of 1350 rpm) 13 l / min Ultimate vacuum < 2,0 mbar Operating pressure 1 bar Connectors for tube ID 8 mm Permissible ambient temperature +10...+40 °C Voltage 115/230 V Motor protection IP 42 Power 68 W Frequency 50/60 Hz Weight 7,5 kg Dimensions (W x D x H) 235 x 145 x 327 mm  <b>Chiller with air-cooled refrigerating unit and circulation pump-1 pcs.</b> UC 006 Unichiller: Operating temperature range - 20 to 40 °C Temperature display digital Cooling power at 15°C 0,6 kW Refrigerant R134a Pump connection for hose NW8/12 Min. filling capacity 1,25 l Overall dimensions (W x D x H) 277 x 490 x 414 mm Net weight 37 kg Power supply requirement 230 V 50/60 Hz Min. ambient temperature 5 °C Max. ambient temperature 40 °C  <b>Warranty 5 years</b>				
	<b>Total Prices of Goods<sup>10</sup></b>				
	Add: Cost of Transportation				
	Add: Cost of Insurance				
	Add: Other Charges (pls. specify)				
	<b>Total Final and All-Inclusive Price Quotation</b>				

<sup>10</sup> Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

LOT 3	Description/Specification of Goods	Quantity	Latest Delivery Date	Unit Price, currency	Total Price per Item, currency
	<p><b>EVAPORATOR/CONCENTRATOR SYSTEM</b>  Analytical Evaporator/Concentrator System (8 (min) to 20 (max) position) Well with Heated Manifold.  For the concentration of microplate extractions and reactions with heat block  Gently speeds evaporation of excess liquid.</p> <ul style="list-style-type: none"> <li>• Heats to 100 (or &gt;100)°C for even faster drying times.</li> <li>• Digital temperature control.</li> <li>• Display: 4-Digit LED.</li> <li>• Accuracy: + 0.25% of Spa</li> <li>• Control Type: PID Parameters with auto tune</li> </ul> <p><b>Specifications</b></p> <p>A rack to be able to insert different tubes and easily align the needles for evaporation accommodates tubes or containers from 8 mm to 25.4 mm diameter with volumes from 1 ml to 50 ml.  Gas Flow: 0 to 10 L/min, with flowmeter.  Gas pressures up to a maximum of 40 psig can be utilized. A fine needle valve controls the total flow to the equalizer manifold providing equal gas flow to each well. Each well has consistent evaporation.  Stainless steel needles 4-inch x 16-gauge.  Gas flow: 1 to 100 mL/per needle. Needle height is easily adjustable to enable most sizes and capacities of microplates. Each stainless steel needle delivers an equal flow of nitrogen, air or other gas, or each stainless steel needle has individual fine needle control valves and for regulation gas flow.  Evaporator is fabricated with aluminum, brass, Polypropylene, or other plastic, or combination. All brass parts are nickel plated for corrosion resistance.  Evaporator body can be sterilized by autoclaving.  Electrical parameters: 2.0A, 50/60Hz., 240V  ON/OFF power switch, fuse protection, 3-wire cord with molded plug</p> <p><b>Warranty 1 years (for electrical components)</b></p>	1	60 days		
	<b>Total Prices of Goods<sup>11</sup></b>				
	Add: Cost of Transportation				
	Add: Cost of Insurance				
	Add: Other Charges (pls. specify)				
	<b>Total Final and All-Inclusive Price Quotation</b>				

<sup>11</sup> Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

LOT 4	Description/Specification of Goods	Quantity	Latest Delivery Date	Unit Price, currency	Total Price per Item, currency
	<p><b><u>Heating Mantle Six-Place Low Temperature 100/125ml Round Bottom Flasks 240V, 2 pcs.</u></b> 104A RL3624 percentage timer or 104A RL4624 proportional voltage controls.</p> <p>Combination mantles have always been the mantles of choice for repetitive extracting, refluxing, and distilling procedures in labs of the food, textile fiber, water and waste-water, petroleum, and many other industries.</p> <ul style="list-style-type: none"> <li>• Lower profile for space-saving convenience</li> <li>• Revolutionary heating element container system makes replacing burned-out elements a simple, five-minute task</li> <li>• Element containers act as spill containment chambers to capture chemicals from spillage or boil-over</li> <li>• Clear anodized aluminum cabinet with black PTFE resin coated top for chemical resistance</li> <li>• Offered in two space-saving configurations; six-place for 100-300 ml flasks and three-place for 500-1,000 ml flasks</li> <li>• Low-temperature (450°C) version</li> </ul> <p>Each six-place Combo is furnished with six spring-type glassware clamps, and each three-place unit contains three.</p> <p>The clamps hold glassware from 1-5/8" - 2" in diameter. The clamps attach to one of the horizontal support rods.</p> <p><b>Flask Size (ml):</b> 100/125  <b>Maximum Diameter (in):</b> 2.75  <b>Bottom:</b> Round  <b>Rating Per Position:</b> 85W, 240V  <b>Mantle Weigh:</b> 18-21kg  <b>Replacement Element:</b> 199D RX12724E or 100D RX12524E</p> <p><b><u>PARTS LIST</u></b>  1. RX or RJ heating mantle 1 EA.  2. Vertical support rod 2 EA.  3. Upper horizontal support rod 1 EA.  4. Lower horizontal support rod 1 EA.  5. Lab lattice clamp (6-position uses 10 each)  6. Spring clamp (6-position uses 6 each)  Two Series RL control choices included: percentage timer or proportional voltage.  The percentage-timer version pulses full-line voltage to each heating position according to the dial setting.  The proportional-voltage version supplies a constant, steady-state voltage to each position.  The six-place controls are actually two units that can be mounted together or separately.  The cord-connected controls allow placement at a convenient location for the operator.</p> <p><b><u>Percentage Timer Control for 6 place RJ or RX, 240V</u></b> - 4 pcs.  Percentage Timer Control for 6 place RJ or RX Combo Mantle 240V</p>	1	60 days		

	<p>(as Glas-Col 104A RL3624 / GlasCol 104ARL3624 / as VWR 33795-322)  <b>Control Type:</b> Percentage timer  <b>For Use with:</b> 6-place 240V RJ or RX  <b>Amps: 15</b>  <b>Volts: 240</b>  <b>Product Weight (lbs): 11</b></p> <p><b><u>Proportional Voltage Control for 6 place RJ or RX, 240V - 1 pcs.</u></b>  Proportional Voltage Control for 6 place RJ or RX  Combo Mantle 240V  (as Glas-Col 104A RL4624 / GlasCol 104ARL4624 / VWR 33795-330)  <b>Control Type:</b> Proportional voltage  <b>For Use with:</b> 6-place 240V RJ or RX  <b>Amps: 15</b>  <b>Volts: 240</b>  <b>Product Weight (lbs): 9-12</b></p> <p><b>Specifications:</b>  Size: 9" wide x 8 1/4"h x 4-1/4"d (6-place unit)  Equipped with one quick-attach open-face bracket for 1/2" diameter rod.  Six-place controls are equipped with two brackets.  <b>Electrical:</b>  <b>Six-place control has two interconnect cords and two power cords.</b>  <b>Finish: Black or silver.</b></p> <p><b><u>Digital auto-temperature display of setpoint and process temperatures -1 pcs.</u></b>  Specifications:  Accuracy: 0.1% of span, +/- 1.0°C  Calibration: C° or F° user selectable  Display: LED Process/Setpoint  Resolution: 1°, 1.0° or 1.00°  Control: PID with Auto-tune algorithm,  Solid state relay  Environment 0 to 149°F / -18 to 65°C; 0 to 90% RH, non-condensing  Voltage: 240  Watts: 2400  Thermocouple Type: TYPE J</p> <p><b>SOXHLET EXTRACTION COMPLETE</b>  <b>125ml - 20 pcs.</b></p> <p><b><u>Description</u></b>  Used for the continuous extraction of solids with a suitable solvent. Units are supplied complete with round (or flat) bottom boiling flask, Soxhlet extractor and Allihn condenser. The extractor capacity shown is the solvent volume held in the extractor to the top of the siphon tube. The siphon tube is protected from accidental damage by the vapor tube. Extractor has an outer joint at the top for connection to the condenser and an inner joint at the bottom for connection to the flat bottom boiling flask.  Soxhlet extraction apparatus uses cellulose, glass microfiber or fritted glass extraction thimbles (not supplied).</p> <p><b><u>Properties</u></b>  <b>Supplied:</b> Complete</p>				
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	<div>Extractor Capacity (mL): 50</div> <div>Thimble O.D. x Length mm: 25 x 85</div> <div>Joints Condenser: 34/45</div> <div>Flask Capacity (mL):125</div> <div>Joints Flask: 24/40</div> <div>LG-7220-144/ Round Bottom Flask 1N 125mL 24/40 – 6 pcs.</div> <div>LG-7220-142/ Round Bottom Flask 1N 100mL 24/40 – 20 pcs.</div> <div>LG-7220-144/ Round Bottom Flask 1N 50mL 24/40 – 6 pcs.</div> <div>LG-7220-146/Round Bottom Flask 1N 200mL 24/40 – 6 pcs.</div> <div>Advantec Extraction Thimbles, Cellulose, 25mm x 80mm 25/pack MFS 84</div> <div>Extraction Thimbles, Cellulose Soxhlet Extraction Thimbles MFS 84 25/BX</div> <div>MFS N084 - 10packs</div> <div>Extraction Thimbles</div> <div>High purity, seamless filters with a characteristic thimble shape.</div> <div>Applications include analysis of fats, oils, grease, pesticides, pollutants, other organics and additives in plastics and rubber materials.</div> <div>Cellulose Thimbles – No. 84</div> <div><div>• Suitable for Soxhlet extractions of organic components</div><div>• Dust sampling</div><div>• Lipid content &lt;0.1% by weight</div></div> <div>Warranty 1 years (for electrical components)</div>				
	Total Prices of Goods <sup>12</sup>				
	Add: Cost of Transportation				
	Add: Cost of Insurance				
	Add: Other Charges (pls. specify)				
	Total Final and All-Inclusive Price Quotation				

<sup>12</sup> Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

LOT 5	Description/Specification of Goods	Quantity	Latest Delivery Date	Unit Price, currency	Total Price per Item, currency																		
	<p><b>Auger set for heterogeneous soils</b>, standard set for angering’s to a depth of 5 m. With unpainted augers for environmental research. Augers with conical <b>screw thread</b> connection.</p> <p><b>Specifications:</b></p> <table><tr><td>Connection</td><td>screw</td></tr><tr><td>Drilling diameter</td><td>7 cm</td></tr><tr><td>Maximum sample depth</td><td>5 m</td></tr><tr><td>Product material</td><td>iron, other material</td></tr><tr><td>Sample length</td><td>10 cm</td></tr><tr><td>Sample specification</td><td>disturbed</td></tr><tr><td>Sampler position</td><td>vertical</td></tr><tr><td>Package size</td><td>117 x 27 x 23 cm</td></tr><tr><td>Weight</td><td>33 kg</td></tr></table> <p>The auger set (with <b>screw connection</b>), among other items, comprises:</p> <p>4 types of Edelman augers</p> <ul style="list-style-type: none"><li>• 4 types of Edelman augers (clay-, sand-, coarse sand and combination type),</li><li>• Riverside auger,</li><li>• a stony soil auger,</li><li>• a spiral auger,</li><li>• a piston sampler and a gouge auger.</li></ul> <p>The set additionally contains:</p> <ul style="list-style-type: none"><li>• extension rods,</li><li>• a fiberglass utility probe,</li><li>• a sounding device with measuring tape,</li><li>• a push-/pull handle,</li><li>• maintenance equipment</li><li>• field data registration set.</li></ul> <p>The complete set is delivered in an aluminium transport case.</p> <p><b>Warranty 2 years</b></p>	Connection	screw	Drilling diameter	7 cm	Maximum sample depth	5 m	Product material	iron, other material	Sample length	10 cm	Sample specification	disturbed	Sampler position	vertical	Package size	117 x 27 x 23 cm	Weight	33 kg	1	60 days		
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Drilling diameter	7 cm																						
Maximum sample depth	5 m																						
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Package size	117 x 27 x 23 cm																						
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	Add: Cost of Insurance																						
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	<b>Total Final and All-Inclusive Price Quotation</b>																						

<sup>13</sup> Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

<b>LOT 6</b>	<b>Description/Specification of Goods</b>	<b>Quantity</b>	<b>Latest Delivery Date</b>	<b>Unit Price, currency</b>	<b>Total Price per Item, currency</b>
	<p><b>GOUGE AUGER KIT, HARD STONY SOILS, UP TO 1 M</b>  Complete Kit for coring in medium hard soils. Kit includes gouge auger length 100 cm absorbing hammer, plus accessories in a carrying bag.</p> <p><b>Specification</b>  Auger length: 100 cm Hole depth: up to 1 meter  Weight: 15.88 lbs  Dimensions: 52.00L x 15.00W x 4.00H  Single Gouge Auger Sets  Sets for core sampling tougher layers with minimal disturbance of soil for mapping, suitability reviews, root, fertilization, clay and paleontological research.  Quick and virtually undisturbed sampling in soils to 1m  Advantages  Will take samples in the toughest of soils  Fast and easy to use  Will cut through bricks and withstand stones  Virtually undisturbed profile for analysis  Made from toxic high tensile strength steel  Easy to clean and very robust  Available in 50cm 100cm lengths, 30mm diameter.</p> <p><b>Warranty 2 years</b></p>	<b>1</b>	<b>60 days</b>		
	<b>Total Prices of Goods<sup>14</sup></b>				
	Add: Cost of Transportation				
	Add: Cost of Insurance				
	Add: Other Charges (pls. specify)				
	<b>Total Final and All-Inclusive Price Quotation</b>				

<sup>14</sup> Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

### Additional Requirements

No	Description	Availability (Yes/No)
1	Technical responsiveness/Full compliance to requirements	
2	Manufacturer/suppliers must have at least 3 years of experience in manufacturing/supply of required equipment or similar products.	
3	Warranty on required equipment as per Annex 1.	
4	Full acceptance of the PO/Contract General Terms and Conditions	
5	Written Self-Declaration of not being included in the UN Security Council 1267/1989 list, UN Procurement Division List or other UN Ineligibility List	
6	Detailed technical specifications	

All other information that we have not provided automatically implies our full compliance with the requirements, terms and conditions of the RFQ.

*[Name and Signature of the Supplier's Authorized Person]*

*[Designation]*

*[Date]*

## **General Terms and Conditions**

### **1. ACCEPTANCE OF THE PURCHASE ORDER**

This Purchase Order may only be accepted by the Supplier's signing and returning an acknowledgement copy of it or by timely delivery of the goods in accordance with the terms of this Purchase Order, as herein specified. Acceptance of this Purchase Order shall effect a contract between the Parties under which the rights and obligations of the Parties shall be governed solely by the terms and conditions of this Purchase Order, including these General Conditions. No additional or inconsistent provisions proposed by the Supplier shall bind UNDP unless agreed to in writing by a duly authorized official of UNDP.

### **2. PAYMENT**

- 2.1 UNDP shall, on fulfillment of the Delivery Terms, unless otherwise provided in this Purchase Order, make payment within 30 days of receipt of the Supplier's invoice for the goods and copies of the shipping documents specified in this Purchase Order.
- 2.2 Payment against the invoice referred to above will reflect any discount shown under the payment terms of this Purchase Order, provided payment is made within the period required by such payment terms.
- 2.3 Unless authorized by UNDP, the Supplier shall submit one invoice in respect of this Purchase Order, and such invoice must indicate the Purchase Order's identification number.
- 2.4 The prices shown in this Purchase Order may not be increased except by express written agreement of UNDP.

### **3. TAX EXEMPTION**

- 3.1 Section 7 of the Convention on the Privileges and Immunities of the United Nations provides, inter alia, that the United Nations, including its subsidiary organs, is exempt from all direct taxes, except charges for utilities services, and is exempt from customs duties and charges of a similar nature in respect of articles imported or exported for its official use. In the event any governmental authority refuses to recognize UNDP's exemption from such taxes, duties or charges, the Supplier shall immediately consult with UNDP to determine a mutually acceptable procedure.
- 3.2 Accordingly, the Supplier authorizes UNDP to deduct from the Supplier's invoice any amount representing such taxes, duties or charges, unless the Supplier has consulted with UNDP before the payment thereof and UNDP has, in each instance, specifically authorized the Supplier to pay such taxes, duties or charges under protest. In that event, the Supplier shall provide UNDP with written evidence that payment of such taxes, duties or charges has been made and appropriately authorized.

### **4. RISK OF LOSS**

Risk of loss, damage to or destruction of the goods shall be governed in accordance with Incoterms 2010, unless otherwise agreed upon by the Parties on the front side of this Purchase Order.

### **5. EXPORT LICENCES**

Notwithstanding any INCOTERM 2010 used in this Purchase Order, the Supplier shall obtain any export licences required for the goods.

### **6. FITNESS OF GOODS/PACKAGING**

The Supplier warrants that the goods, including packaging, conform to the specifications for the goods ordered under this Purchase Order and are fit for the purposes for which such goods are ordinarily used and for purposes expressly made known to the Supplier by UNDP, and are free from defects in workmanship and materials. The Supplier also warrants that the goods are contained or packaged adequately to protect the goods.

### **7. INSPECTION**

7.1 UNDP shall have a reasonable time after delivery of the goods to inspect them and to reject and refuse acceptance of goods not conforming to this Purchase Order; payment for goods pursuant to this Purchase Order shall not be deemed an acceptance of the goods.

7.2 Inspection prior to shipment does not relieve the Supplier from any of its contractual obligations.

## **8. INTELLECTUAL PROPERTY INFRINGEMENT**

The Supplier warrants that the use or supply by UNDP of the goods sold under this Purchase Order does not infringe any patent, design, trade-name or trade-mark. In addition, the Supplier shall, pursuant to this warranty, indemnify, defend and hold UNDP and the United Nations harmless from any actions or claims brought against UNDP or the United Nations pertaining to the alleged infringement of a patent, design, trade-name or trade-mark arising in connection with the goods sold under this Purchase Order.

## **9. RIGHTS OF UNDP**

In case of failure by the Supplier to fulfil its obligations under the terms and conditions of this Purchase Order, including but not limited to failure to obtain necessary export licences, or to make delivery of all or part of the goods by the agreed delivery date or dates, UNDP may, after giving the Supplier reasonable notice to perform and without prejudice to any other rights or remedies, exercise one or more of the following rights:

9.1 Procure all or part of the goods from other sources, in which event UNDP may hold the Supplier responsible for any excess cost occasioned thereby.

9.2 Refuse to accept delivery of all or part of the goods.

9.3 Cancel this Purchase Order without any liability for termination charges or any other liability of any kind of UNDP.

## **10. LATE DELIVERY**

Without limiting any other rights or obligations of the parties hereunder, if the Supplier will be unable to deliver the goods by the delivery date(s) stipulated in this Purchase Order, the Supplier shall (i) immediately consult with UNDP to determine the most expeditious means for delivering the goods and (ii) use an expedited means of delivery, at the Supplier's cost (unless the delay is due to Force Majeure), if reasonably so requested by UNDP.

## **11. ASSIGNMENT AND INSOLVENCY**

11.1. The Supplier shall not, except after obtaining the written consent of UNDP, assign, transfer, pledge or make other disposition of this Purchase Order, or any part thereof, or any of the Supplier's rights or obligations under this Purchase Order.

11.2. Should the Supplier become insolvent or should control of the Supplier change by virtue of insolvency, UNDP may, without prejudice to any other rights or remedies, immediately terminate this Purchase Order by giving the Supplier written notice of termination.

## **12. USE OF UNDP OR UNITED NATIONS NAME OR EMBLEM**

The Supplier shall not use the name, emblem or official seal of UNDP or the United Nations for any purpose.

## **13. PROHIBITION ON ADVERTISING**

The Supplier shall not advertise or otherwise make public that it is furnishing goods or services to UNDP without specific permission of UNDP in each instance.

## **14. CHILD LABOUR**

The Supplier represents and warrants that neither it nor any of its affiliates is engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral or social development.

Any breach of this representation and warranty shall entitle UNDP to terminate this Purchase Order immediately upon notice to the Supplier, without any liability for termination charges or any other liability of any kind of UNDP.

## **15. MINES**

The Supplier represents and warrants that neither it nor any of its affiliates is actively and directly engaged in patent activities, development, assembly, production, trade or manufacture of mines or in such activities in respect of components primarily utilized in the manufacture of Mines. The term "Mines" means those devices defined in Article 2, Paragraphs 1, 4 and 5 of Protocol II annexed to the Convention on Prohibitions and Restrictions on the Use of Certain Conventional Weapons Which May Be Deemed to Be Excessively Injurious or to Have Indiscriminate Effects of 1980.

Any breach of this representation and warranty shall entitle UNDP to terminate this Purchase Order immediately upon notice to the Supplier, without any liability for termination charges or any other liability of any kind of UNDP.

## **16. SETTLEMENT OF DISPUTES**

**16.1 Amicable Settlement.** The Parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of, or relating to this Purchase Order or the breach, termination or invalidity thereof. Where the Parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place in accordance with the UNCITRAL Conciliation Rules then obtaining, or according to such other procedure as may be agreed between the Parties.

**16.2 Arbitration.** Unless, any such dispute, controversy or claim between the Parties arising out of or relating to this Purchase Order or the breach, termination or invalidity thereof is settled amicably under the preceding paragraph of this Section within sixty (60) days after receipt by one Party of the other Party's request for such amicable settlement, such dispute, controversy or claim shall be referred by either Party to arbitration in accordance with the UNCITRAL Arbitration Rules then obtaining, including its provisions on applicable law. The arbitral tribunal shall have no authority to award punitive damages. The Parties shall be bound by any arbitration award rendered as a result of such arbitration as the final adjudication of any such controversy, claim or dispute.

## **17. PRIVILEGES AND IMMUNITIES**

Nothing in or related to these General Terms and Conditions or this Purchase Order shall be deemed a waiver of any of the privileges and immunities of the United Nations, including its subsidiary organs.

## **18. SEXUAL EXPLOITATION:**

**18.1** The Contractor shall take all appropriate measures to prevent sexual exploitation or abuse of anyone by it or by any of its employees or any other persons who may be engaged by the Contractor to perform any services under the Contract. For these purposes, sexual activity with any person less than eighteen years of age, regardless of any laws relating to consent, shall constitute the sexual exploitation and abuse of such person. In addition, the Contractor shall refrain from, and shall take all appropriate measures to prohibit its employees or other persons engaged by it from, exchanging any money, goods, services, offers of employment or other things of value, for sexual favors or activities, or from engaging in any sexual activities that are exploitive or degrading to any person. The Contractor acknowledges and agrees that the provisions hereof constitute an essential term of the Contract and that any breach of this representation and warranty shall entitle UNDP to terminate the Contract immediately upon notice to the Contractor, without any liability for termination charges or any other liability of any kind.

**18.2** UNDP shall not apply the foregoing standard relating to age in any case in which the Contractor's personnel or any other person who may be engaged by the Contractor to perform any services under the Contract is married to the person less than the age of eighteen years with whom sexual activity has occurred and in which such marriage is recognized as valid under the laws of the country of citizenship of such Contractor's personnel or such other person who may be engaged by the Contractor to perform any services under the Contract.

## **19.0 OFFICIALS NOT TO BENEFIT:**

The Contractor warrants that no official of UNDP or the United Nations has received or will be offered by the Contractor any direct or indirect benefit arising from this Contract or the award thereof. The Contractor agrees that breach of this provision is a breach of an essential term of this Contract.

**20. AUTHORITY TO MODIFY:**

Pursuant to the Financial Regulations and Rules of UNDP, only the UNDP Authorized Official possess the authority to agree on behalf of UNDP to any modification of or change in this Agreement, to a waiver of any of its provisions or to any additional contractual relationship of any kind with the Contractor. Accordingly, no modification or change in this Contract shall be valid and enforceable against UNDP unless provided by an amendment to this Agreement signed by the Contractor and jointly by the UNDP Authorized Official.