



REQUEST FOR QUOTATION

NAME & ADDRESS OF FIRM	DATE: 4 July 2018
	REFERENCE: RFQ/039/18 - Procurement of agro- meteorological equipment with weather forecast service and soil photometric analyses system.

Dear Sir / Madam:

We kindly request you to submit your quotation for **Procurement of agro meteorological equipment with weather forecast service and soil photometric analyses system** for the pilot inclusive business project to provide farmers timely and relevant information to let them to be informed and prepared on upcoming short-term weather extremes and undertake proactive measures to minimize potential loss, as detailed in Annex 1 of this RFQ. When preparing your quotation, please be guided by the form attached hereto as Annex 2.

Quotations may be submitted on or before 18:00 Tashkent time (GMT +5) July 18, 2018 via ☒ e-mail or courier mail to the address below:

United Nations Development Programme
4, Taras Shevchenko Street, Tashkent city, 100029, Republic of Uzbekistan
UNDP CO, Procurement Unit

[insert fax number and email address] E-version of your quotation must be sent to bids.uz@undp.org

Your questions regarding the tender must be sent in writing to pu.uz@undp.org

Your quotations must be submitted to the above-mentioned address in sealed envelope with the following marking on envelope:

“TO: UNDP Uzbekistan
ATTENTION: PROCUREMENT UNIT
SEALED QUATATION ref: RFQ/039/18 - Procurement of agro- meteorological equipment with weather forecast service.
PROPOSER: [NAME AND ADDRESS OF YOUR COMPANY]”

Quotations submitted by email must be limited to a maximum of 5 MB, virus-free and no more than 3 email transmissions. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected. The following must be on the subject of email with your quotation to be sent to bids.uz@undp.org:

Subject: “RFQ/039/18 Procurement of agro meteorological equipment with weather forecast service and soil photometric analyses system”¹

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]	<ul style="list-style-type: none">• For international Vendors: CIP Tashkent Airport• For Uzbekistan based Vendors: the goods must be delivered to the address: 4, Amir Temur avenue, Tashkent – UNDP Project office.
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¹ Email submission that will not contain this subject or without reference to subject tender will not be opened and will be declined

Customs clearance, if needed, shall be done by:	<input checked="" type="checkbox"/> UNDP	
Exact Address/es of Delivery Location/s.	<ul style="list-style-type: none"> • For international Vendors: CIP Tashkent Airport • For Uzbekistan based Vendors: 4, Amir Temur avenue, Tashkent – UNDP Project office. 	
UNDP Preferred Freight Forwarder, if any	N/A	
Distribution of shipping documents	<p>For International suppliers the cargo shall come to the name of UNDP CO Uzbekistan.</p> <p>If goods are supposed to be exported to the end user it shall be followed with invoice (2 originals), packing list (2 originals), certificate of origin (original) with other quality confirmation documents if required. Also, all documents required under INCOTERMS 2010.</p>	
Latest Expected Delivery Date and Time	<input checked="" type="checkbox"/> As soon as possible but no later than sixty (60) calendar days from the day of signature of the Purchase Order (PO) by both parties ²	
Delivery Schedule	<input checked="" type="checkbox"/> Not Required	
Packing Requirements	As per standards	
Mode of Transport	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> LAND
Preferred Currency of Quotation	<input checked="" type="checkbox"/> Foreign suppliers - United States Dollars <input checked="" type="checkbox"/> For local vendors - Local Currency: Uzbek Soums (UZS).	
Value Added Tax on Price Quotation	<input checked="" type="checkbox"/> Must be exclusive of VAT and other applicable indirect taxes.	
After-sales services required	<input checked="" type="checkbox"/> Standard manufacturer's warranty for minimum period of 12 months. Instruction on application of warranty conditions in case of emergency is a must. <input checked="" type="checkbox"/> Brand new replacement if Purchased Unit is beyond repair during 1 month after delivery. <input checked="" type="checkbox"/> Technical support. Distance (online) technical support shall be provided during one year from the time of delivery excluding when warranty conditions are applied.	
Deadline for the Submission of Quotation	<i>18:00, July 18, 2018 of Tashkent time (GMT+5)</i>	
All documentations, including catalogs, instructions and operating/user manuals, shall be in this language	<input checked="" type="checkbox"/> English and/or <input checked="" type="checkbox"/> Russian (preferable)	
Documents to be submitted	<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"/> Declaration of owners' interest in other companies using form provided in Part 2 of Annex 2 <input checked="" type="checkbox"/> Company's profile with detailed information (name of the company, address, contact details etc.) using form provided in Part 3 of Annex 2 <input checked="" type="checkbox"/> Contact details (email, telephone, website) of clients whom the bidder supplied machinery and/or equipment in the last 3 years using form provided in Part 4 of Annex 2 <input checked="" type="checkbox"/> A statement whether any import or export licenses are required in respect of the goods to be purchased including any restrictions on the	

² If delivery time exceeds this, quote may be rejected by UNDP

	<p>country of origin, use/dual use nature of goods or services, including and disposition to end users³</p> <p><input checked="" type="checkbox"/> Manufacturer's Authorization Letter issued in favour of the bidder allowing selling their product to UNDP (if Supplier is not the manufacturer). The same document must demonstrate that the manufacturer takes an obligation to reserve required quantity of goods offered by the bidder for the tender should the bidder selected</p> <p><input checked="" type="checkbox"/> Copy of Quality Certificates (ISO 9001 or other quality certificate issued by internationally recognized certification body) for offered product</p> <p><input checked="" type="checkbox"/> Verified copy of the latest valid business registration certificate of the Offeror's company⁴</p> <p><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</p> <p>Failure to provide any of above listed document will serve as a ground for disqualifying an offeror from the tender.</p>
List of documents to be requested by UNDP additionally from the three lowest priced bid Offerors ⁵	<p><input checked="" type="checkbox"/> (a) Verified by third party (tax agency or other authorized body) copy of Financial Reports for the last two years</p> <p>OR</p> <p>(b) a bank statement from Offeror's bank, issued not less than 30 days prior the bid submission or quotation date, that Offeror has available or has access to liquid assets (asset that can be readily converted to cash), to meet the obligations/supply cash flow for the contract of not less than Offeror's bid value.</p>
Period of Validity of Quotes starting the Submission Date	<p><input checked="" type="checkbox"/> 60 days</p> <p>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.</p>
Partial Quotes	<input checked="" type="checkbox"/> Not permitted. Incomplete quotations will be rejected.
Payment Terms	<p><input checked="" type="checkbox"/> <u>To Local Supplier (Company registered in Uzbekistan) in Uzbek Soums:</u> 15% prepayment of the contract price upon its signing by both parties; 85% final payment will be paid by bank transfer to the Supplier's account upon delivery and signing of the certificate of acceptance by UNDP;</p> <p><input checked="" type="checkbox"/> <u>To Foreign Suppliers (Company with registration outside of Uzbekistan) in US Dollars:</u> 100% payment will be by bank transfer to the Supplier's account after delivery and acceptance of goods by UNDP.</p>
Liquidated Damages	<p><input checked="" type="checkbox"/> 0,5% of total contract amount for every day of delay, up to a maximum 15% of the contract amount</p> <p><input checked="" type="checkbox"/> Termination of the Purchase Order/contract if delay exceeds 30 calendar days</p>
Evaluation Criteria	<p><input checked="" type="checkbox"/> Technical responsiveness/Full compliance to requirements and lowest price</p> <p><input checked="" type="checkbox"/> Strong financial position: (a) <u>Liquidity ratio for the last two years not less than 1 if financial statements are presented</u></p> <p><u>OR</u></p>

³ Mandatory for the supply of imported goods

⁴ Verified by the signature of the authorized Offeror's representative and Offeror's company stamp/seal

⁵ Non-provision of any of additionally requested documents provided in this section will serve as a ground for disqualification of the Offer

	<p><u>(b) Confirmation from bank on financial strength of the Offeror as per requirement outlined above</u></p> <p><input checked="" type="checkbox"/> Full acceptance of the PO/Contract General Terms and Conditions</p> <p><input checked="" type="checkbox"/> At least 2 contracts for supply of machinery and/or equipment successfully performed in the last 2 years.</p> <p><input checked="" type="checkbox"/> Strong financial position: liquidity ratio value at least 1 in the last 2 years.</p> <p><input checked="" type="checkbox"/> Availability of Manufacturer's Authorization of the Company as a Sales Agent (if Supplier is not the manufacturer)</p> <p><input checked="" type="checkbox"/> Availability of the Quality Certificate (ISO 9001 or other quality certificate issued by internationally recognized certification bodies) for offered product</p> <p><input checked="" type="checkbox"/> Comprehensiveness of after-sales services:</p> <ol style="list-style-type: none"> i. Warranty on Parts and Labor for minimum period of 12 months ii. Technical Support iii. Provision of Service Unit when pulled out for maintenance/repair <p><input checked="" type="checkbox"/> Demonstrated availability of a permanent office reachable via landline telephone and permanent staff of at least 5 persons</p>
UNDP will award to:	<input checked="" type="checkbox"/> One and only one supplier.
Type of Contract to be Signed	<p><input checked="" type="checkbox"/> Purchase Order</p> <p><input checked="" type="checkbox"/> Contract Face Sheet (Goods and-or Services) UNDP</p>
Special conditions of Contract	<input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 30 calendar days from the latest delivery time set above.
Conditions for Release of Payment	<p><input checked="" type="checkbox"/> Passing all Testing</p> <p><input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with RFQ requirements.</p>
Annexes to this RFQ	<p><input checked="" type="checkbox"/> Specifications of the Goods Required (Annex 1)</p> <p><input checked="" type="checkbox"/> Form for Submission of Quotation (Annex 2)</p> <p><input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions (Annex 3).</p> <p>Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.</p>
Contact Person for Inquiries (Written inquiries only)	<p>UNDP CO Uzbekistan, Procurement Unit</p> <p>4, Taras Shevchenko Str., Tashkent 100029, Uzbekistan</p> <p>Website: www.uz.undp.org</p> <p>Office phone.: (71) 1203460</p> <p>Fax: (+998 71) 1203485</p> <p>E-mail: pu.uz@undp.org</p> <p>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.</p>
Post-qualification Actions	<p><input checked="" type="checkbox"/> Verification of accuracy, correctness and authenticity of the information provided by the bidder on the legal, technical and financial documents submitted</p> <p><input checked="" type="checkbox"/> Inquiry and reference checking with Government entities with jurisdiction on the bidder, or any other entity that may have done business with the bidder</p> <p><input checked="" type="checkbox"/> Inquiry and reference checking with other previous clients on the quality of performance on ongoing or previous contracts completed</p>

	<input checked="" type="checkbox"/> Physical inspection of the bidder's plant, factory, branches or other places where business transpires, with or without notice to the bidder
Other	<p>Offers submitted by two (2) or more Offerors shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or c) they have the same legal representative for purposes of this RFQ; or d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Offer of, another Offeror regarding this RFQ process; e) they are subcontractors to each other's Offer, or a subcontractor to one Offer also submits another Proposal under its name as lead Offeror; or f) an expert proposed to be in the team of one Offeror participates in more than one Offer received for this RFQ process. This condition does not apply to subcontractors being included in more than one Offer.

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, 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 indicated above - <http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html>.

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

Thank you and we look forward to receiving your quotation.

Sincerely yours,

*Procurement Unit
UNDP in Uzbekistan*

Technical Specifications

Item	Description / Specifications of Goods	Quantity																																																		
1	<p>1. A set of agro-meteorological equipment</p> <p>Application: To collect, process and display the agro-meteorological data and provide timely information about optimal irrigation mode (i.e. when irrigation shall be started and ended) available through internet data base and via SMS service.</p> <p>1.1. Central programable datalogger:</p> <ul style="list-style-type: none">Electrical specifications are valid over -40°C to + 60°C.System power requirements: voltage: 9.6 to 16 Vdc internal rechargeable battery; external solar panel (12-20V) with reverse polarity protected and, stainless steel mounting post (tower).Supports analog I/O.Supports digital I/O.Supports serial RS232 or 485 interfacesSupports SDI-12 interfaceSupports GSM/GPRS protocol via GSM/GPRS modem;Supports sensors extendable facility (multiplexer or other);Datalogger case: watertight, dust-tight, corrosion-resistant, indoor and outdoor use.Closure: watertight, dust-tight, corrosion-resistant, indoor and outdoor use. <p>1.2. Sensors to be attached to data logger with following minimum technical requirements:</p> <table><tr><th>Sensors</th><th>Range</th><th>Accuracy, not worse than:</th><th>Resolution, not worse than</th></tr><tr><td>Air temperature;</td><td>-40 °C to +80 °C</td><td>± 0,5 °C</td><td>0,1 °C</td></tr><tr><td>Relative humidity;</td><td>0% to 100 %</td><td>± 3%</td><td>± 1%</td></tr><tr><td>Rainfall (rain gauge);</td><td>0,2 mm/h to unlimited</td><td>±5%</td><td>0.2 mm</td></tr><tr><td>Wind speed;</td><td>0 - 40 m/s</td><td>± 2%</td><td>0,5 m/s</td></tr><tr><td>Wind direction;</td><td>0° do 359°</td><td>±4°</td><td>0,1°</td></tr><tr><td>Solar radiation;</td><td>0 to 1,750 W/m²</td><td>± 5%</td><td>0,1 W/m²</td></tr><tr><td>Air pressure sensor</td><td>800-1100 hPa</td><td>± 0.3 hPa</td><td>0.1 hPa</td></tr></table> <p>1.3. Soil Moisture multiple sensors monitoring Probe that has no or negligible influence of EC (sensors spaced each 10 cm, not less than 9 sensors):</p> <table><tr><td>Probe length:</td><td>Not less 90 cm</td></tr><tr><td>Number of sensors:</td><td>Not less 9</td></tr><tr><td>Technology used:</td><td>Capacitance (FDR)</td></tr><tr><td>Re-programmable:</td><td>yes</td></tr><tr><td>Moisture (VWC) range:</td><td>Oven dry to saturation</td></tr><tr><td>Resolution:</td><td>Moisture (VWC): not worse than 1:10000 Salinity (VIC): not worse than 1:6000 Temperature: not worse than 0.3 °C</td></tr><tr><td>Moisture precision:</td><td>Not worse than ±0.03% Vol</td></tr><tr><td>Temperature accuracy:</td><td>Not worse than ±2°C at 25°C</td></tr><tr><td>Operating temperature:</td><td>-20°C to 60°C</td></tr></table>	Sensors	Range	Accuracy, not worse than:	Resolution, not worse than	Air temperature;	-40 °C to +80 °C	± 0,5 °C	0,1 °C	Relative humidity;	0% to 100 %	± 3%	± 1%	Rainfall (rain gauge);	0,2 mm/h to unlimited	±5%	0.2 mm	Wind speed;	0 - 40 m/s	± 2%	0,5 m/s	Wind direction;	0° do 359°	±4°	0,1°	Solar radiation;	0 to 1,750 W/m ²	± 5%	0,1 W/m ²	Air pressure sensor	800-1100 hPa	± 0.3 hPa	0.1 hPa	Probe length:	Not less 90 cm	Number of sensors:	Not less 9	Technology used:	Capacitance (FDR)	Re-programmable:	yes	Moisture (VWC) range:	Oven dry to saturation	Resolution:	Moisture (VWC): not worse than 1:10000 Salinity (VIC): not worse than 1:6000 Temperature: not worse than 0.3 °C	Moisture precision:	Not worse than ±0.03% Vol	Temperature accuracy:	Not worse than ±2°C at 25°C	Operating temperature:	-20°C to 60°C	2 (two) sets
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<p>1.4. Tensiometers (15, 30, 60 and 90 cm) including external tensiometer Interface with 4 tensiometer connectors for pressure transducers and tensiometer sensor head with pressure transducer:</p> <table> <tr> <td>Ceramic cap used for most soil types</td> <td>Yes</td> </tr> <tr> <td>Operating suction</td> <td>0-90 kPa</td> </tr> <tr> <td>Operating temperature:</td> <td>0 °C to +50°C</td> </tr> <tr> <td>Pressure transducer:</td> <td></td> </tr> <tr> <td> accuracy</td> <td>Not worse than ±2%</td> </tr> <tr> <td> Resolution</td> <td>Not worse than 0.1 kPa</td> </tr> </table>	Ceramic cap used for most soil types	Yes	Operating suction	0-90 kPa	Operating temperature:	0 °C to +50°C	Pressure transducer:		accuracy	Not worse than ±2%	Resolution	Not worse than 0.1 kPa	
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Pressure transducer:													
accuracy	Not worse than ±2%												
Resolution	Not worse than 0.1 kPa												
<p>A set of agro-meteorological equipment must have the following characteristics:</p> <ul style="list-style-type: none"> • Operated both manually (PC and Notebook) and transfer measuring weather data wireless to a safe internet database by remote communication (GPRS and/or GSM by integrated SIM card) in real time; • The database should provide the user a password-secured access to check the weather historical data in graphics and tables, including transfer of all data to EXCEL, from any Internet access point, including from free APPs for the mobile platforms on Android and IOS Apple; • Include early warning/alert functions and send information via SMS or other messaging system (user configurable via website) for certain weather or soil conditions that are exceeded the set-up threshold like soil water content, wilting point, frost, rain, temperature extremes; • Seamless interface with necessary software package, display and backlight, data memory, and support other decision support systems (DSS) like weather forecast and calculated parameters of dew point and evapotranspiration ration, and irrigation management; • Data logger and data base interface supportive software must support Russian or English language (preferable is Russian). <p>In addition:</p> <ul style="list-style-type: none"> • Localized weather forecast service (model) and type of subscription (at least 12 months) is required. <ul style="list-style-type: none"> - Calculate the detailed weather forecasts for at least 5 days ahead on an hourly basis; - Improve the weather forecast accuracy when use the local station data; - Electronic weather service delivering site-specific weather forecast information in an easy-to-read tabular or graphical form via web on an hourly basis, including the effects of local climate, topography and soil cover; - The interface must support Russian or English languages (preferable is Russian). • The equipment must have warranty for minimum period of at least 12 months. Instruction on application of warranty conditions in case of emergency is a must. • Distance (online) technical support shall be provided during one year from the time of delivery excluding when warranty conditions are applied. • On-site installation and seminar/training on operating and maintenance of the weather equipment, weather forecast models in Karakalpakstan for specialists of partner organizations (up to 15 people) is required. • The equipment must be supplied with soil moisture multiple sensors monitoring probe Installation & extraction tools kit (1 set): <ul style="list-style-type: none"> Installation: <ul style="list-style-type: none"> - Tripod with screw pins (plastic) - Tapered auger with dimension suites to probe's one -1 piece Extraction: Extraction handle with chain 	2												

2	<div><div>2. Manual soil moisture probe</div><div><div>Technology used:</div><div>FDR (Frequency Domain Reflectometry)</div></div><div><div>Sensor housing:</div><div>Stainless steel tube with handle and attachment for measuring unit with length 1000 mm; Ø 20mm; 100 mm markings for the insertion depth.</div></div><div><div>Sensor:</div><div>1 x temperature; 1 x soil moisture placed at 5-10 cm away from the insertion tip</div></div><div><div>Soil moisture measurement:</div><div>Unit: Vol % Measuring range: 0 – 99.9 % Resolution: 0.1% Accuracy: ± 5% from measured value</div></div><div><div>Temperature measurement:</div><div>Unit: °C Measuring range: 0°C to +60°C Resolution: 0.1°C Accuracy: ± 0.5°C</div></div><div><div>Technical data:</div><div><div><div>•</div>Splash-proof housing</div><div>Yes</div><div>•</div>Working temperature:</div><div>0°C to +40°C</div><div>•</div>Display:</div><div>Yes9 V battery or battery package</div><div>•</div>Battery:</div> <div>Not worse than 2 s for moisture and temperature</div> <div>•</div> Measuring time: <div>Not less than 3000 measured values</div> <div>•</div> Data memory: <div>English, Russian</div> <div>•</div> Languages:	2 (two) set																																												
3	<div><div>3. Soil photometric analyses system</div><div><div>Technical data requirements</div><table><tr><td>Application</td><td>soil, substrate, water and leaf analyses</td></tr><tr><td>Wavelength range</td><td>320 – 1100 nm</td></tr><tr><td>Wavelength accuracy</td><td>Not worse than ± 1.5 nm (wavelength range 340 – 900 nm)</td></tr><tr><td>Wavelength reproducibility</td><td>Not worse than ± 0.1 nm</td></tr><tr><td>Wavelength calibration</td><td>automatic</td></tr><tr><td>Beam height</td><td>Not worse than 10 nm</td></tr><tr><td>Display touchscreen</td><td>800 x 480 pxl or better</td></tr><tr><td>Data storage</td><td>Not less than 2000 measurement data and 100 users programs</td></tr><tr><td>Outputs</td><td>USB type A, USB type B, Ethernet</td></tr><tr><td>Operating conditions</td><td>Not worse than: +10 °C – 40 °C, 80% humidity</td></tr><tr><td>Manual languages</td><td>Russian or English</td></tr><tr><td>Power supply</td><td>110 to 240V; 50/60Hz</td></tr></table><div><div>3.1 Extraction case (contains all equipment necessary for soil digestions, e.g. solar balance, sieve, funnels, folded filter papers, extraction concentrate etc.)</div><div>1</div></div><div><div>3.2 Set of cuvettes test</div><table><tr><td></td><td>Nitrate</td><td>Nitrate</td><td>Ammonium</td><td>Phosphate</td></tr><tr><td>Element</td><td>NO₃-N</td><td>NO₃-N</td><td>NH₄-N</td><td>P₂O₅</td></tr><tr><td>Measuring range</td><td>0.23-13.5 mg/l</td><td>5-35 mg/l</td><td>2-47 mg/l</td><td>3-80 mg/l</td></tr><tr><td>Pack content</td><td>50</td><td>50</td><td>25</td><td>25</td></tr></table></div></div></div>	Application	soil, substrate, water and leaf analyses	Wavelength range	320 – 1100 nm	Wavelength accuracy	Not worse than ± 1.5 nm (wavelength range 340 – 900 nm)	Wavelength reproducibility	Not worse than ± 0.1 nm	Wavelength calibration	automatic	Beam height	Not worse than 10 nm	Display touchscreen	800 x 480 pxl or better	Data storage	Not less than 2000 measurement data and 100 users programs	Outputs	USB type A, USB type B, Ethernet	Operating conditions	Not worse than: +10 °C – 40 °C, 80% humidity	Manual languages	Russian or English	Power supply	110 to 240V; 50/60Hz		Nitrate	Nitrate	Ammonium	Phosphate	Element	NO ₃ -N	NO ₃ -N	NH ₄ -N	P ₂ O ₅	Measuring range	0.23-13.5 mg/l	5-35 mg/l	2-47 mg/l	3-80 mg/l	Pack content	50	50	25	25	1 (one)
Application	soil, substrate, water and leaf analyses																																													
Wavelength range	320 – 1100 nm																																													
Wavelength accuracy	Not worse than ± 1.5 nm (wavelength range 340 – 900 nm)																																													
Wavelength reproducibility	Not worse than ± 0.1 nm																																													
Wavelength calibration	automatic																																													
Beam height	Not worse than 10 nm																																													
Display touchscreen	800 x 480 pxl or better																																													
Data storage	Not less than 2000 measurement data and 100 users programs																																													
Outputs	USB type A, USB type B, Ethernet																																													
Operating conditions	Not worse than: +10 °C – 40 °C, 80% humidity																																													
Manual languages	Russian or English																																													
Power supply	110 to 240V; 50/60Hz																																													
	Nitrate	Nitrate	Ammonium	Phosphate																																										
Element	NO ₃ -N	NO ₃ -N	NH ₄ -N	P ₂ O ₅																																										
Measuring range	0.23-13.5 mg/l	5-35 mg/l	2-47 mg/l	3-80 mg/l																																										
Pack content	50	50	25	25																																										

		Potassium	Calcium	Sulphate	Carbonate	
	Element	K ₂ O	Ca	SO ₄	CO ₃	
	Measuring range	8-50 mg/l	5-100 mg/l	40-150 mg/l	55-550 mg/l	
	Pack content	24	25	25	25	
		Chloride	Iron	Zinc	Magnesium	
	Element	Cl	Fe	Zn	Mg	
	Measuring range	1-70 mg/l	0.2-6 mg/l	0.2-6 mg/l	0.5-50 mg/l	
	Pack content	48	25	25	25	
	3.3 Software to fast and flexible fertilizing management based on measuring results of the soil analysis.					1
	3.4 Training on laboratory analytics: informative training on plant nutrition with practical part, including demonstration of the soil analyses system capacities and interpretation of measurement results.					1

FORM FOR SUBMITTING SUPPLIER'S QUOTATION⁶

(This Form must be submitted only using the Supplier's Official Letterhead/Stationery⁷)

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/039/2018:

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

Item No.	Description/Specification of Goods and Services	Quantity	Latest Delivery Date	Unit Price (currency ____)	Total Price per Item (currency ____)
1	A set of agro-meteorological equipment with required sensors and functions as described in Annex 1, Technical Specifications	2 sets			
1.1	Localized weather forecast service (model) and type of subscription (at least 12 months)	2 (for each agro-meteorological equipment)			
1.2	On-site installation and seminar/training on operating and maintenance of the weather equipment, weather forecast models in Karakalpakstan for specialists of partner organizations (up to 15 people).	2			
1.3	Soil moisture multiple sensors monitoring probe Installation & extraction tools kit (1 set)	1 set			
2	Manual soil moisture probe as described in Annex 1, Technical Specifications	2 sets			
3	Soil photometric analyses system as described in Annex 1, Technical Specifications	1 set			
3.1	Training on laboratory analytics: informative training on plant nutrition with practical part, including demonstration of the soil analyses system capacities and interpretation of measurement results.	1			
	Total Prices of Goods⁸ (CIP Tashkent)				
	Add: Cost of Transportation				
	Add: Cost of Insurance				
	Add: Other Charges (pls. specify)				
	Total Final and All-Inclusive Price Quotation				
	Estimated weight/volume/dimension of the Consignment:				

⁶ This serves as a guide to the Supplier in preparing the quotation and price schedule.

⁷ Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes

⁸ Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

	Country/ies Of Origin ⁹ :	
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TABLE 2: Offer to Comply with Other Conditions and Related Requirements

Other Information pertaining to our Quotation are as follows:	Your Responses		
	<i>Yes, we will comply</i>	<i>No, we cannot comply</i>	<i>If you cannot comply, pls. indicate counter proposal</i>
Delivery Lead Time (as soon as possible but no later than sixty (60) calendar days from the day of signature of the Purchase Order (PO) by both parties).			
Warranty and After-Sales Requirements			
a) Standard manufacturer's warranty for minimum period of 12 months. Instruction on application of warranty conditions in case of emergency is a must.			
b) Technical support. Distance (online) technical support shall be provided during one year from the time of delivery excluding when warranty conditions are applied.			
c) On-site installation and seminar/training on operating and maintenance of the meteorological equipment, weather forecast model in Karakalpakstan for specialists of partner organizations (up to 15 people). Latest delivery date: no later than twenty (20) calendar days from the day of delivery and acceptance of stations by UNDP.			
d) Brand new replacement if Purchased Unit is beyond repair during 1 month after delivery.			
e) Training on laboratory analytics: informative training on plant nutrition with practical part, including demonstration of the soil analyses system capacities and interpretation of measurement results.			
All documentations, including catalogs, instructions and operating/user manuals shall be in English and Russian (preferred) languages.			
Validity of Quotation (60 days)			
Payment terms			
Copy of valid certificate of quality/conformity for the goods (ISO 9001 certificate or equivalent certificate issued by recognized international body)			
Acceptance of All Provisions of the UNDP General Terms and Conditions			

⁹ If the country of origin requires Export License for the goods being procured, or other relevant documents that the country of destination may require, the supplier must submit them to UNDP if awarded the PO/contract.

TABLE 3: Table of technical compliance of the offered goods¹⁰

Item	Description / Specifications of Goods (offered) <i>Please indicate parameters of the offered goods</i>	Quantity																
1	<p>1. A set of agro-meteorological equipment</p> <p>Application: To collect, process and display the agro-meteorological data and provide timely information about optimal irrigation mode (i.e. when irrigation shall be started and ended) available through internet data base and via SMS service.</p> <p>_____ (yes/no) _____;</p> <p>1.1. Central programmable datalogger:</p> <ul style="list-style-type: none"> Model: _____ Manufacturer: _____ Country of origin: _____ Electrical specifications are valid- _____ °C to + _____ °C System power requirements: voltage: _____ to _____ Vdc internal rechargeable battery _____ (yes/no) _____; external solar panel (12-20V) with reverse polarity protected and, stainless steel mounting post (tower) _____ (yes/no) _____; Supports analog I/O _____ (yes/no) _____; Supports digital I/O _____ (yes/no) _____; Supports serial RS232 or 485 interfaces _____ (yes/no) _____; Supports SDI-12 interface _____ (yes/no) _____; Supports GSM/GPRS protocol via GSM/GPRS modem _____ (yes/no) _____; Supports sensors extendable facility (multiplexer or other) _____ (yes/no) _____; Datalogger case: watertight, dust-tight, corrosion-resistant, indoor and outdoor use _____ (yes/no) _____; Closure: watertight, dust-tight, corrosion-resistant, indoor and outdoor use _____ (yes/no) _____; <p>1.2. Sensors to be attached to data logger with following minimum technical requirements:</p> <ul style="list-style-type: none"> Model: _____ Manufacturer: _____ Country of origin: _____ <table border="1"> <thead> <tr> <th>Sensors</th><th>Range</th><th>Accuracy, not worse than:</th><th>Resolution, not worse than</th></tr> </thead> <tbody> <tr> <td>Air temperature (°C);</td><td>- _____ °C to + _____ °C</td><td>± _____ °C</td><td>_____ °C</td></tr> <tr> <td>Relative humidity (%);</td><td>_____ % to _____ %</td><td>± _____ %</td><td>± _____ %</td></tr> <tr> <td>Rainfall (rain gauge);</td><td>_____ mm/h to unlimited</td><td>± _____ %</td><td>_____ mm</td></tr> </tbody> </table>	Sensors	Range	Accuracy, not worse than:	Resolution, not worse than	Air temperature (°C);	- _____ °C to + _____ °C	± _____ °C	_____ °C	Relative humidity (%);	_____ % to _____ %	± _____ %	± _____ %	Rainfall (rain gauge);	_____ mm/h to unlimited	± _____ %	_____ mm	2 sets
Sensors	Range	Accuracy, not worse than:	Resolution, not worse than															
Air temperature (°C);	- _____ °C to + _____ °C	± _____ °C	_____ °C															
Relative humidity (%);	_____ % to _____ %	± _____ %	± _____ %															
Rainfall (rain gauge);	_____ mm/h to unlimited	± _____ %	_____ mm															

¹⁰ Please fill-in the following table based on the technical characteristics of the equipment offered by you against the required specifications in Annex 1.

Wind speed (m/s);	0 - ____ m/s	± ____%	____ m/s
Wind direction (°);	0° do ____°	± ____°	____°
Solar radiation (W/m ²);	0 to ____ W/m ²	± ____%	____ W/m ²
Air pressure sensor (hPa)	____ - ____ hPa	± ____ hPa	____ hPa

1.3 Soil Moisture multiple sensors monitoring Probe that has no or negligible influence of EC (sensors spaced each 10 cm, not less than 9 sensors):

Model: _____

Manufacturer: _____

Country of origin: _____

Probe length: _____

Number of sensors: _____

Technology used: _____

Re-programmable: Yes/No

Moisture (VWC) range: Oven dry to saturation Yes/No

Moisture (VWC): not worse than ____

Salinity (VIC): not worse than ____

Temperature: not worse than ____ °C

Resolution: _____

Moisture precision: Not worse than ± ____% Vol

Temperature accuracy: Not worse than ± ____ °C at 25 °C

Operating temperature: - ____ °C to ____ °C

1.4 Tensiometers (15, 30, 60 and 90 cm) including external tensiometer Interface with 4 tensiometer connectors for pressure transducers and tensiometer sensor head with pressure transducer:

Model: _____

Manufacturer: _____

Country of origin: _____

Ceramic cap used for most soil types Yes/No

Operating suction _____ kPa

Operating temperature: ____ °C to + ____ °C

Pressure transducer:

 accuracy Not worse than ± ____%

 Resolution Not worse than ____ kPa

A set of agro-meteorological equipment must have the following characteristics:

- Operated both manually (PC and Notebook) and transfer measuring weather data wireless to a safe internet database by remote communication (GPRS and/or GSM by integrated SIM card) in real time Yes/No;
- The database should provide the user a password-secured access to check the weather historical data in graphics and tables, including transfer of all data to EXCEL, from any Internet access point, including from free APPs for the mobile platforms on Android and IOS Apple Yes/No;
- Include early warning/alert functions and send information via SMS or other messaging system (user configurable via website) for certain weather or soil conditions that are exceeded the set-up threshold like soil water content, wilting point, frost, rain, temperature extremes Yes/No;

	<ul style="list-style-type: none"> Seamless interface with necessary software package, display and backlight, data memory, and support other decision support systems (DSS) like weather forecast and calculated parameters of dew point and evapotranspiration ration, and irrigation management <u>Yes/No</u>; Data logger and data base interface supportive software must support Russian or English language (preferable is Russian) <u>Yes/No</u>. <p>In addition:</p> <ul style="list-style-type: none"> Localized weather forecast service (model) and type of subscription (at least 12 months) is required <u>Yes/No</u>. <ul style="list-style-type: none"> Calculate the detailed weather forecasts for at least 5 days ahead on an hourly basis <u>Yes/No</u>; Improve the weather forecast accuracy when use the local station data <u>Yes/No</u>; Electronic weather service delivering site-specific weather forecast information in an easy-to-read tabular or graphical form via web on an hourly basis, including the effects of local climate, topography and soil cover <u>Yes/No</u>; The interface must support Russian or English languages (preferable is Russian) <u>Yes/No</u>. The equipment must have warranty for minimum period of at least 12 months. Instruction on application of warranty conditions in case of emergency is a must <u>Yes/No</u>. Distance (online) technical support shall be provided during one year from the time of delivery excluding when warranty conditions are applied <u>Yes/No</u>. On-site installation and seminar/training on operating and maintenance of the weather equipment, weather forecast models in Karakalpakstan for specialists of partner organizations (up to 15 people) is required <u>Yes/No</u>. The equipment must be supplied with soil moisture multiple sensors monitoring probe Installation & extraction tools kit (1 set) <u>Yes/No</u>: Installation: <ul style="list-style-type: none"> Tripod with screw pins (plastic) <u>Yes/No</u> Tapered auger with dimension suites to probe's one -1 pieces <u>Yes/No</u> Extraction: Extraction handle with chain <u>Yes/No</u> 	2
2	<p>2. Manual soil moisture probe</p> <p>Model: _____</p> <p>Manufacturer: _____</p> <p>Country of origin: _____</p> <p>Technology used: _____</p> <p>Sensor housing: Stainless steel tube with handle and attachment for measuring unit with length 1000 mm; Ø 20mm; 100 mm markings for the insertion depth <u>Yes/No</u>.</p> <p>Sensor: 1 x temperature; 1 x soil moisture placed at 5-10 cm away from the insertion tip <u>Yes/No</u></p> <p>Soil moisture measurement: Unit: Vol % Measuring range: __ – __ % Resolution: __ % Accuracy: ± __ % from measured value</p>	2 (two) set

	<p>Temperature measurement: Unit: °C Measuring range: ____ °C to + ____ °C Resolution: ____ °C Accuracy: ± ____ °C</p> <p>Technical data:</p> <ul style="list-style-type: none"> • Splash-proof housing <u>Yes/No</u> • Working temperature: ____ °C to + ____ °C • Display: <u>Yes/No</u> 9 V battery or battery package <u>Yes/No</u> • Battery: Not worse than 2 s for moisture and temperature • Measuring time: <u>Yes/No</u> Not less than ____ measured values • Data memory: English, Russian <u>Yes/No</u> • Languages: 																																																							
3	<p>3. Soil photometric analyses system</p> <p>Model: _____ Manufacturer: _____ Country of origin: _____</p> <p>Technical data requirements</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application</td><td>soil, substrate, water and leaf analyses <u>Yes/No</u></td></tr> <tr> <td>Wavelength range</td><td>____ – ____ nm</td></tr> <tr> <td>Wavelength accuracy</td><td>Not worse than ± ____ nm (wavelength range 340 – 900 nm)</td></tr> <tr> <td>Wavelength reproducibility</td><td>Not worse than ± ____ nm</td></tr> <tr> <td>Wavelength calibration</td><td>Automatic <u>Yes/No</u></td></tr> <tr> <td>Beam height</td><td>Not worse than ____ nm</td></tr> <tr> <td>Display touchscreen</td><td>____ x ____ pxl or better</td></tr> <tr> <td>Data storage</td><td>Not less than ____ measurement data and ____ users programs</td></tr> <tr> <td>Outputs</td><td>USB type A, USB type B, Ethernet <u>Yes/No</u></td></tr> <tr> <td>Operating conditions</td><td>Not worse than: + ____ °C – ____ °C, ____ % humidity</td></tr> <tr> <td>Manual languages</td><td>Russian or English</td></tr> <tr> <td>Power supply</td><td>____ to ____ V; ____ Hz</td></tr> </table> <p>3.1 Extraction case (contains all equipment necessary for soil digestions, e.g. solar balance, sieve, funnels, folded filter papers, extraction concentrate etc.) <u>Yes/No</u></p> <p>3.2 Set of cuvettes test</p> <p>Model: _____ Manufacturer: _____ Country of origin: _____</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td><td style="text-align: center;">Nitrate</td><td style="text-align: center;">Nitrate</td><td style="text-align: center;">Ammonium</td><td style="text-align: center;">Phosphate</td></tr> <tr> <td>Element</td><td style="text-align: center;">NO₃-N</td><td style="text-align: center;">NO₃-N</td><td style="text-align: center;">NH₄-N</td><td style="text-align: center;">P₂O₅</td></tr> <tr> <td>Measuring range</td><td style="text-align: center;">____ - ____ mg/l</td><td style="text-align: center;">____ - ____ mg/l</td><td style="text-align: center;">____ - ____ mg/l</td><td style="text-align: center;">____ - ____ mg/l</td></tr> <tr> <td>Pack content</td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td style="text-align: center;">Potassium</td><td style="text-align: center;">Calcium</td><td style="text-align: center;">Sulphate</td><td style="text-align: center;">Carbonate</td></tr> <tr> <td>Element</td><td style="text-align: center;">K₂O</td><td style="text-align: center;">Ca</td><td style="text-align: center;">SO₄</td><td style="text-align: center;">CO₃</td></tr> </table>	Application	soil, substrate, water and leaf analyses <u>Yes/No</u>	Wavelength range	____ – ____ nm	Wavelength accuracy	Not worse than ± ____ nm (wavelength range 340 – 900 nm)	Wavelength reproducibility	Not worse than ± ____ nm	Wavelength calibration	Automatic <u>Yes/No</u>	Beam height	Not worse than ____ nm	Display touchscreen	____ x ____ pxl or better	Data storage	Not less than ____ measurement data and ____ users programs	Outputs	USB type A, USB type B, Ethernet <u>Yes/No</u>	Operating conditions	Not worse than: + ____ °C – ____ °C, ____ % humidity	Manual languages	Russian or English	Power supply	____ to ____ V; ____ Hz		Nitrate	Nitrate	Ammonium	Phosphate	Element	NO ₃ -N	NO ₃ -N	NH ₄ -N	P ₂ O ₅	Measuring range	____ - ____ mg/l	____ - ____ mg/l	____ - ____ mg/l	____ - ____ mg/l	Pack content						Potassium	Calcium	Sulphate	Carbonate	Element	K ₂ O	Ca	SO ₄	CO ₃	<p>1 (one)</p> <p style="text-align: center;">1</p> <p style="text-align: center;">1</p>
Application	soil, substrate, water and leaf analyses <u>Yes/No</u>																																																							
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	Measuring range	___ - ___ mg/l	___ - ___ mg/l	___ - ___ mg/l	___ - ___ mg/l	
	Pack content					
		Chloride	Iron	Zinc	Magnesium	
	Element	Cl	Fe	Zn	Mg	
	Measuring range	___ - ___ mg/l	___ - ___ mg/l	___ - ___ mg/l	___ - ___ mg/l	
	Pack content					
	3.3 Software to fast and flexible fertilizing management based on measuring results of the soil analysis. <u>Yes/No</u>					1
	3.4 Training on laboratory analytics: informative training on plant nutrition with practical part, including demonstration of the soil analyses system capacities and interpretation of measurement results. <u>Yes/No</u>					1

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

We hereby declare of not being included in the UN Security Council 1267/1989 list, UN Procurement Division List or other UN Ineligibility List.

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

[Designation]

[Date]

PART 2: DECLARATION OF INTEREST

Dear Sir/Madam,

We/I, _____ (Name and Title), as shareholder(s)/owner(s) of _____ Company, declare that:

- a) Have no financial and other interests in, association or relationship with, are not employed and do not have relatives (i.e. spouse, parents, children or siblings) employed by the United Nations Development Programme (UNDP) or the Government of Uzbekistan that announced the RFQ; and do not have access to information about, or influence on the selection process for this RFQ
- b) Have no common controlling partner, director, shareholder, legal representative for the purposes of this RFQ with any other entity submitting its Quotation under this RFQ; are not subcontracting or are subcontractors to other entities for the purposes of this RFQ; and that the experts proposed in the team do not participate in more than one Quotation for this RFQ
- c) Are not involved in activities that could have an impact on the objectivity and independence of the Contractor's team in carrying out its duties under the contract or can affect the image of the United Nations and the Government of Uzbekistan.

We certify that the information stated is true, correct and complete to the best of our knowledge and belief. We are obliged to comply with all requests for additional information, documentation, clarification and/or verification concerning the Declaration of Interest statement.

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]

PART 3: COMPANY PROFILE

1. Offeror's Legal Name <i>[insert Bidder's legal name]</i>		
2. In case of Joint Venture (JV), legal name of each party: <i>[insert legal name of each party in JV]</i>		
3. Actual or intended Country/ies of Registration/Operation: <i>[insert actual or intended Country of Registration]</i>		
4. Year of Registration in its Location: <i>[insert Bidder's year of registration]</i>		
5. Countries of Operation	6. No. of permanent staff in each Country	7. Years of Operation in each Country
8. Legal Address/es in Country/ies of Registration/Operation ¹¹ : <i>[insert Bidder's legal address in country of registration]</i>		
9. Value and Description of Top two (2) Biggest Contracts for the past three (3) years		
10. Latest Credit Rating (Score and Source, if any)		
11. Brief description of litigation history (disputes, arbitration, claims, etc.), indicating current status and outcomes, if already resolved.		
12. Offeror's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>		
13. Are you in the UNPD List 1267.1989 or UN Ineligibility List? <input type="checkbox"/> YES or <input type="checkbox"/> NO		

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

¹¹ You must specify address of permanent office, landline telephone numbers

PART 4: EXPERIENCE IN SIMILAR NATURE*

Name of the good supplied	Delivery period (month, year)	Amount of the contract	Client (Name, contact person, telephone, email)

* - At least 2 contracts for the supply of machinery and/or equipment is must

[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.