

Specific Procurement Notice

Request for Quotations (Goods)

Purchase of Spare Parts for Automated Meteorological and Hydrological Stations

Country: Republic of Moldova

Name of Project: Strengthening Moldova's Disaster Risk Management and Resilience Project

Contract Title: Purchase of Spare Parts for Automated **Meteorological and Hydrological Stations**

Loan No.: 9720-MD

RFQ Reference No.: MD-OEAPM- 552714-GO-RFQ

1. The *Republic of Moldova* has received financing from the World Bank toward the cost of the ***Strengthening Moldova's Disaster Risk Management and Resilience Project***, and intends to apply part of the proceeds toward payments under the contract for purchase of ***spare parts for automated meteorological and hydrological stations***.
2. The ***Public Institution "Authority for Meteorology and Environmental Monitoring" (IP AMM)***, through the Office for External Assistance Programs Management (OEAPM) / Project Implementation Unit (PIU), now invites Quotations for the supply of spare parts for automated meteorological and hydrological stations. The procurement is divided into three (3) lots. Suppliers may submit quotations for one or more lots. Each lot will be evaluated and awarded independently.

Lot 1 – Spare Parts for Hydrological Stations

OTT netDL1000 Measurement and Control Datalogger	3 pcs
OTT PLS 500 Pressure Level Sensor	3 pcs
OTT CBS Compact Bubbler Sensor	2 pcs
OTT RLS 500 Smart Radar Level Sensor	5 pcs
Lufft WS200-UMB Ultrasonic Wind Sensor	3 pcs
ConiuGO LTE Modem USB CAT-1 HT	5 pcs

Lot 2 – Spare Parts for Meteorological Stations

Campbell Scientific CR1000X Measurement and Control Datalogger	1 pc
Campbell Scientific NL116 Ethernet Interface and CompactFlash Module	3 pcs
Vaisala HMP155 Air Temperature and Humidity Sensor	3 pcs
OTT Pluvio2 Precipitation Measurement Sensor	1 pc
Campbell Scientific Soil Temperature Probe 109	10 pcs
Vaisala PTB330 Digital Barometer	1 pc
Thies Clima Wind Speed Transmitter "First Class" Advanced (P/N 4.3351.00.000)	1 pc
Thies Clima Wind Direction Transmitter "First Class" (P/N 4.3151.10.110)	1 pc
Modem Cinterion MC55I	5 pcs
Campbell Scientific Aspirated Radiation Shield, Model 43502-2A	25 pcs

Lot 3 – Spare Parts for Hydrometeorological Stations

Solar Panel, 200W monocrystalline	30 pcs
Solar Panel Controller	10 pcs
Battery, 12V / 90–100 Ah, AGM/GEL/LiFePO4, deep-cycle	50 pcs

3. The procurement will be conducted through the Request for Quotations (RFQ) procedure under the national market approach, as specified in the World Bank’s “Procurement Regulations for IPF Borrowers” *dated September 2023* (“Procurement Regulations”), and is open to all eligible Suppliers as defined in the Procurement Regulations.
4. The RFQ in *English language* may be obtained by interested Suppliers free of charge upon the submission of a written application to the address below. The document will be sent by e-mail.
5. Your price quotation in the form attached in PDF format shall be submitted electronically to the following email: achizitii.proiecte@ogpae.gov.md before **17:30 local time of June 03, 2026**.
6. The address referred to above is:

Attn: **Raisa CANTEMIR**

Director

PI Office for External Assistance Programs Management (OEAPM) / Project Implementation Unit (PIU)

57/1 Mitropolit Banulescu Bodoni str., office 306, MD-2005.

Chisinau, Republic of Moldova

Tel: 373 22 802 832, 23 82 48

E-mail: achizitii.proiecte@ogpae.gov.md

Website: www.ogpae.gov.md

Strengthening Moldova’s Disaster Risk Management and Resilience Project

Request for Quotations (RFQ)

MD-OEAPM-552714-GO-RFQ

Purchase of Spare Parts for Automated Meteorological and Hydrological Stations

Selection Method – Request for Quotations (RFQ)

Date: *May 18, 2026*

Project Title: **Strengthening Moldova’s Disaster Risk Management and Resilience Project**

Project ID No. **P504278**

Source of Funding: Loan No. **9720-MD**

Ref. number: **MD-OEAPM-552714-GO-RFQ**

To: **Potential Suppliers**

Dear Supplier(s),

1. You are invited to submit your price quotation(s) for the supply of the following **spare parts for automated meteorological and hydrological stations**:

No.	Item	Quantity
Lot 1 – Spare Parts for Hydrological Stations		
1	OTT netDL1000 Measurement and Control Datalogger	3 pcs
2	OTT PLS 500 Pressure Level Sensor	3 pcs
3	OTT CBS Compact Bubbler Sensor	2 pcs
4	OTT RLS 500 Smart Radar Level Sensor	5 pcs
5	Lufft WS200-UMB Ultrasonic Wind Sensor	3 pcs
6	ConiuGO LTE Modem USB CAT-1 HT	5 pcs
Lot 2 – Spare Parts for Meteorological Stations		
1	Campbell Scientific CR1000X Measurement and Control Datalogger	1 pc
2	Campbell Scientific NL116 Ethernet Interface and CompactFlash Module	3 pcs
3	Vaisala HMP155 Air Temperature and Humidity Sensor	3 pcs
4	OTT Pluvio2 Precipitation Measurement Sensor	1 pc
5	Campbell Scientific Soil Temperature Probe 109	10 pcs
6	Vaisala PTB330 Digital Barometer	1 pc
7	Thies Clima Wind Speed Transmitter "First Class" Advanced (P/N 4.3351.00.000)	1 pc
8	Thies Clima Wind Direction Transmitter "First Class" (P/N 4.3151.10.110)	1 pc
9	Modem Cinterion MC55I	5 pcs
10	Campbell Scientific Aspirated Radiation Shield, Model 43502-2A	25 pcs
Lot 3 – Spare Parts for Hydrometeorological Stations		
1	Solar Panel, 200W monocrystalline	30 pcs
2	Solar Panel Controller	10 pcs
3	Battery, 12V / 90–100 Ah, AGM/GEL/LiFePO4, deep-cycle	50 pcs

Information on minimum technical specifications and quantities required are set out in Annex 1.

2. Quotations will be evaluated on a lot basis, covering all items and sub-items included in a Lot. You must quote for all the items within a lot under this invitation. Price quotations will be evaluated for all the items together within a lot and contract awarded to the firm offering the lowest evaluated price. **Incomplete or partial Quotes will not be considered. Alternative quotations/options are not allowed.** Bidders may bid for one, several, or all lots (contracts). Discounts that are conditional on the award of more than one lot will not be considered for bid evaluation purpose.
3. Your price quotation in the form attached in PDF format shall be submitted electronically. Your price quotation shall be submitted by e-mail to the following email: achizitii.proiecte@ogpae.gov.md.
4. The deadline for receipt of your quotation (s) at the electronic address indicated above is: **June 03, 2026, 17:30 local time.** *Late quotations will be rejected.*
5. Your quotation that consists of *Form of Quotation; Terms and Conditions of Supply, and Proposed Technical Specifications* shall be submitted in *English language*, and should be accompanied by:
 - General information about the Supplier (copy of registration certificate, etc.);
 - Documentary evidence proving that the Supplier is an official authorized distributor/reseller of the Original Equipment Manufacturer (OEM) for the spare parts quoted, with at least 3 years of proven experience in the supply, installation, or servicing of meteorological and hydrological or similar scientific equipment;
 - Proof of authorization from the OEM for supplying spare parts;
 - Documentary evidence proving financial capacity (audited financial statements or proof of turnover for the last 3 years);
 - Manufacturer datasheets for each item confirming compliance with required technical parameters;
 - Calibration certificates for sensors and measuring instruments;
 - Confirmation that all spare parts are brand new, unused, and genuine, directly sourced from the OEM;
 - Confirmation of Supplier registration in the Agency of Environment's List of manufacturers of products subject to Extended Producer Responsibility regulations (batteries and accumulators; and electronic and electric equipment)
 - Any other evidence that the Supplier deems necessary to demonstrate compliance with the requirements.
6. Procurement of the required goods is carried out in accordance with the ***Request for Quotations (RFQ)*** as specified in the World Bank's "Procurement Regulations for IPF Borrowers" dated September 2023 ("Procurement Regulations").
7. Your quotation(s) shall be submitted as per the following instructions and in accordance with the attached Contract. *The attached Terms and Conditions of Supply form an integral part of the Contract.*
 - (i) **PRICES:** The prices shall be quoted for delivery **DDP Chisinau** (134 Grenoble str., MD-2072, mun. Chişinău, Republic of Moldova, Public Institution "Authority for Meteorology and Environmental Monitoring" (IP AMM)), for imported goods, per INCOTERMS, 2020. *Prices can be quoted in any Bank member country currency, but no more than three currencies.*
 - (ii) **EVALUATION OF QUOTATIONS:** Quotation determined to be substantially responsive to the technical specifications will be evaluated by comparison of the total price per lot, **excluding local taxes**, at destination as per para above, converting to *Moldovan Leu* based on the selling exchange rate offered by the National Bank of Moldova (as published by the bank on <http://www.bnm.md>) on the date specified in Paragraph 4 of this RFQ.

In evaluating the quotations, the Purchaser will determine for each quotation the evaluated price by adjusting the price quotation by making any correction for any arithmetical errors as follows:

(a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;

(b) where there is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

(c) If a Supplier refuses to accept the correction, its quotation will be rejected.

(iii) **AWARD OF CONTRACT:** The award will be made to the Supplier offering the lowest evaluated substantially responsive quotation that meets the required technical specifications. The successful Supplier will sign a Contract as per attached form of contract and terms and conditions of supply.

(iv) **VALIDITY OF THE OFFER:** Your quotation(s) shall be valid for a period of **90 (ninety) days** from the deadline for receipt of quotation(s) indicated in Paragraph 4 of this Request for Quotation.

8. Further information can be obtained in writing during office hours from 08:30 to 17:30 hours (Chisinau time) from:

Office for External Assistance Programs Management (OEAPM) / Project Implementation Unit (PIU)

57/1 Mitropolitul Banulescu Bodoni str., office 306, MD-2005, Chisinau, Republic of Moldova

Tel: 373 22 802 832, 23 82 48

E-mail: achizitii.proiecte@ogpae.gov.md

Website: www.ogpae.gov.md

9. Inspections and Audits

9.1 The Supplier shall carry out all instructions of the Purchaser which comply with the applicable laws where the destination is located.

9.2 The Supplier shall permit, and shall cause its Subcontractors and consultants to permit, the Bank and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to **Clause 6. Fraud and Corruption of the Form of Contract**, which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

10 A prospective Supplier requiring any clarification of the Invitation to Quote shall contact the Purchaser in writing at the Purchaser's address specified in the Paragraph 8. The Purchaser will respond in writing to any request for clarification, provided that such request is received no later than **four (4) calendar days prior to the deadline for receiving of quotes**.

11 Please confirm by e-mail the receipt of this invitation and whether you will submit the price quotation(s).

Sincerely,

Raisa CANTEMIR

Director

Public Institution Office for External Assistance Programs Management (OEAPM) / Project
Implementation Unit (PIU)

FORM OF CONTRACT NO. MD-OEAPM-552714-GO-RFQ

THIS AGREEMENT number MD-OEAPM-552714-GO-RFQ made on **June** ____, **2026**, between

- (1) **Public Institution “Authority for Meteorology and Environmental Monitoring” (IP AMM)**, fiscal code 1006601003980, having its principal place of business at 134 Grenoble str., MD-2072, mun. Chişinău, Republic of Moldova, represented by **Mr.** _____ **Director** (hereinafter called “the Purchaser”) on the one part, and
- (2) _____ incorporated under the laws of the Republic of Moldova and having its principal place of business at _____, represented by _____ (hereinafter called “the Supplier”) on the other part, and
- (3) **Public Institution Office for External Assistance Programs Management (OEAPM) / Project Implementation Unit (PIU)**, fiscal code 1008601000433, a public entity incorporated under the laws of the Republic of Moldova and having its principal place of business at 57/1 Mitropolitul Banulescu Bodoni str., office 306, MD-2005, Chisinau, Republic of Moldova, represented by **Ms. Raisa CANTEMIR, Director** (hereinafter called “the Payer”):

WHEREAS the Purchaser, through the Office for External Assistance Programs Management (OEAPM) / Project Implementation Unit (PIU), has invited quotation for ***Purchase of Spare Parts for Automated Meteorological and Hydrological Stations*** within *Strengthening Moldova’s Disaster Risk Management and Resilience Project* to be supplied by Supplier, viz. *Contract ref. no. MD-OEAPM-552714-GO-RFQ*, (hereinafter called “Contract”) and has accepted the Quotation by the Supplier for the supply of goods under Contract at the sum of _____ (_____) hereinafter called “the Contract Price”.

NOW THIS AGREEMENT WITNESSETHES as follows:

1. The following documents shall be deemed to form and be read and construed as part of this agreement, viz:
 - a) *Form of Quotation; Terms and Conditions of Supply, Technical Specifications;*
 - b) *Addendum (if applicable).*
2. Considering payments to be made by the Payer to the Supplier as hereinafter mentioned, the Supplier hereby concludes an Agreement with the Purchaser and with the Payer to execute and complete the supply of Contract and remedy any defects therein in conformity with the provisions of Contract.
3. The Payer, in common with the Purchaser, hereby covenants to pay in consideration of the goods supply and acceptance of Contract and remedying of defects therein, the Contract Price in accordance with Payment Conditions prescribed by Contract.
4. This Agreement is concluded for a period of **160 calendar days** from the Date of signing of the Contract that is _____, 2026.
5. **Termination**
 - 5.1 Termination for Default
 - (a) The Purchaser, in coordination and agreement with OEAPM PIU, the Payer, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

- (i) if the Supplier fails to deliver any or all the Goods within the period specified in the Contract, or within any extension thereof granted.
 - (ii) if the Supplier fails to perform any other obligation under the Contract; or
 - (iii) if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in **Clause 6** below, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services like those undelivered or not performed and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

5.2 Termination for Insolvency

- (a) The Purchaser, in coordination and agreement with the OEAPM PIU, may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, if such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.

5.3 Termination for Convenience

- (a) The Purchaser, in coordination and agreement with the OEAPM PIU, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect, in common agreement with the Payer:
- (i) to have any portion completed and delivered at the Contract terms and prices; and/or
 - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially delivered Goods and completed Related Services and for materials and parts previously procured by the Supplier.

6. Fraud and Corruption

If the Purchaser, in coordination and agreement with the OEAPM PIU, determines that the Supplier and/or any of its personnel, or its agents, or its Subcontractors, consultants, service providers, suppliers and/or their employees has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices (as defined in the prevailing Bank's sanctions procedures), in competing for or in executing the Contract, then the Purchaser may, after giving 14 days notice to the Supplier, terminate the Supplier's employment under the Contract and cancel the contract, and the provisions of Clause 5 shall apply as if such expulsion had been made under **Sub-Clause 5.1**.

7. Inspections and Audits

- 7.1 The Supplier shall carry out all instructions of the Purchaser, coordinated and agreed with the OEAPM PIU, which comply with the applicable laws where the destination is located.

7.2 The Supplier shall permit, and shall cause its Subcontractors and consultants to permit the Purchaser, OEAPM PIU, the Bank and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to **Clause 6. Fraud and Corruption**, which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

Signature of the Purchaser:
FOR AND ON BEHALF OF

Signature of the Supplier:
FOR AND ON BEHALF OF

Name of Authorized Representative

Supplier Bank account details:

Signature of the Payer:
FOR AND ON BEHALF OF

Raisa CANTEMIR

OEAPM PIU Bank account details:

FORM OF QUOTATION

_____ (Date)

To: **Public Institution Office for External Assistance Programs Management / Project Implementation Unit (PIU)**

57/1 Mitropolitul Banulescu Bodoni str., office 306, MD-2005, Chisinau, Republic of Moldova, Tel:
+373 22 802 832, 373 23 82 48

We offer to execute **Purchase of Spare Parts for Automated Meteorological and Hydrological Stations** within the Strengthening Moldova's Disaster Risk Management and Resilience Project, *contract no.: MD-OEAPM-552714-GO-RFQ*, in accordance with the Conditions of Contract accompanying this Quotation for the Contract Price of _____ (amount in words and numbers) (_____) (name of currency). We propose to complete the delivery of Goods described in the Contract within a period of _____ **calendar days** from the effective Date of the Contract.

This price quotation in the form attached in PDF format shall be submitted electronically to: achizitii.proiecte@ogpae.gov.md before 17:30 local time of June 03, 2026

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

We hereby confirm that this Quotation complies with the Validity of the Quotation required by the proposal documents.

Authorized Signature: _____

Name and Title of Signatory _____

Name of Supplier: _____

Address: _____

Phone Number _____

Fax Number, if any _____

Terms and Conditions of Supply

Project Name: MD-OEAPM-552714-GO-RFQ

- ✓ Purchaser: **Public Institution “Authority for Meteorology and Environmental Monitoring” (IP AMM):** 134 Grenoble str., MD-2072, mun. Chişinău, Republic of Moldova

1. Prices and Schedules for Supply

The description of the requested spare parts is attached to the Terms and Conditions of Delivery.

#	Item	Quantity	Unit Price, DDP Chisinau without VAT	Local taxes VAT, etc. for one unit	Total Price, DDP Chisinau	Delivery Time, days from contract signing
1	2	3	4	5	6 3*(4+5)	7
Lot 1 – Spare Parts for Hydrological Stations						
1	OTT netDL1000 Measurement and Control Datalogger	3				
2	OTT PLS 500 Pressure Level Sensor	3				
3	OTT CBS Compact Bubbler Sensor	2				
4	OTT RLS 500 Smart Radar Level Sensor	5				
5	Lufft WS200-UMB Ultrasonic Wind Sensor	3				
6	ConiuGO LTE Modem USB CAT-1 HT	5				
Lot 2 – Spare Parts for Meteorological Stations						
1	Campbell Scientific CR1000X Measurement and Control Datalogger	1				
2	Campbell Scientific NL116 Ethernet Interface and CompactFlash Module	3				
3	Vaisala HMP155 Air Temperature and Humidity Sensor	3				
4	OTT Pluvio2 Precipitation Measurement Sensor	1				
5	Campbell Scientific Soil Temperature Probe 109	10				
6	Vaisala PTB330 Digital Barometer	1				
7	Thies Clima Wind Speed Transmitter "First Class" Advanced (P/N 4.3351.00.000)	1				
8	Thies Clima Wind Direction Transmitter "First Class" (P/N 4.3151.10.110)	1				
9	Modem Cinterion MC55I	5				
10	Campbell Scientific Aspirated Radiation Shield, Model 43502-2A	25				
Lot 3 – Spare Parts for Hydrometeorological Stations						
1	Solar Panel, 200W monocrystalline	30				
2	Solar Panel Controller	10				
3	Battery, 12V / 90–100 Ah, AGM/GEL/LiFePO4, deep-cycle	50				
Total						

Notes:

- *In case of discrepancy between unit price and Total derived from unit price, unit price shall prevail. If a Supplier refuses to accept the correction, its quotation will be rejected;*
 - *The total price of the spare parts must include all costs related to packaging, transport, calibration certificates, and warranty documentation as required in Annex 1. Technical Specifications.*
2. Fixed Price: The prices indicated above are firm and fixed and not subject to any adjustment during contract performance.
 3. Delivery Schedule: The delivery shall be completed as per the above schedule but not exceeding **90 (ninety) calendar days** from contract signing. The Purchaser shall be responsible for receiving the equipment and verifying its compliance with the specified technical requirements. *The Act of Delivery-Receipt of Goods will be signed between Purchaser and Supplier.* The equipment will be stored in the Supplier's safety and guard premises under Supplier's responsibilities up to the moment when the spare parts are to be delivered to Purchaser offices.
 4. Insurance: Not applicable.
 5. Applicable Law: The Contract shall be interpreted in accordance with the laws of the Republic of Moldova.
 6. Resolution of Disputes: The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute between them under or in connection with the Contract. In the case of a dispute between the Purchaser and the Supplier, the dispute shall be settled in accordance with the country procedures.
 7. Delivery and Documents: The Supplier shall send the following documents to the Purchaser:
 - (i) copies of the Supplier's invoice showing goods' description, quantity, unit price, and total amount;
 - (ii) copies of the packing list identifying contents of each package;
 - (iii) manufacturer's or supplier's warranty certificate;
 - (iv) certificate of origin of goods;
 - (v) manufacturer's datasheets for each item;
 - (vi) calibration certificates for sensors and measuring instruments;
 - (vii) user manuals for each item;
 - (viii) Act of Delivery-Receipt of goods.
 8. Payment of the invoices will be made as follows: payment will be made 100% upon acceptance of the goods, within thirty (30) days after the date of the signed Act of Delivery-Receipt of Goods by Purchaser, for the respective delivery. The payments under the territory of Moldova (with local Suppliers) will be made in Moldovan Lei, equivalent by converting respective foreign currency amount using official exchange rate foreign currency/Moldovan Lei at the day of payment, as furnished by the National Bank of Moldova. For contracts entered by foreign Suppliers the payment will be made in the currency quoted by the Supplier in its quotation.
 9. Warranty: Goods offered should be covered *for at least 24 (twenty-four) months* from the date of delivery to the Purchaser (Please add (address of the company for warranty services, name of the company, period, schedule, etc.).
 10. Packaging and Marking Instructions: The Supplier shall provide standard packing of the Goods as required to prevent their damage or deterioration during transit to their final destination, as indicated

in the Contract. The Supplier shall bear all risks in respect of delivery of Goods until its acceptance at final destination.

11. Defects: All defects will be corrected by the Supplier without any cost to the Purchaser within **15 (fifteen) days** from the date of notice by Purchaser.

12. Force-Majeure: The supplier shall not be liable for penalties or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force-Majeure.

For purposes of this clause, “Force-Majeure” means an event beyond the control of the Supplier and not involving the Supplier’s fault or negligence and not foreseeable. Such events may include, but not restricted to, act of Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force-Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by Force-Majeure event.

13. Failure to Perform: The Purchaser, coordinated and agreed with the OEAPM PIU, may cancel the Contract if the Supplier fails to deliver the Goods, in accordance with the above terms and conditions, in spite of a 10 (ten) day notice given by the Purchaser, without incurring any liability to the Supplier.

14. Delays: If the Supplier fails to deliver any or all of the goods by the date of delivery or perform the Related Services within the period specified in the Contract (as provided by Delivery schedule above), the Purchaser, in coordination with the Payer, may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage of 0.2% of the delivered price of the delayed goods or unperformed services for each day or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage of ten (10)% of the contract price.

15. If the Purchaser, through the Payer, fails to pay for the goods in **30 (thirty) days** after delivery of equipment a sum equivalent to the percentage of 0.1% for each day of the price of goods or services will be paid to the Supplier, up to a maximum addition of the percentage of ten (10) % of the contract price.

16. Required Technical Specifications

A. Technical Specifications

BACKGROUND:

The Strengthening Moldova's Disaster Risk Management and Resilience Project's Development Objective is to enhance the capacity of the Government of Moldova to respond and prepare for disaster and climate-related shocks, and in case of an eligible crisis or emergency, respond promptly and effectively to it.

The spare parts procured under this contract will be used to ensure the continued and uninterrupted operation of existing automated meteorological and hydrological monitoring stations operated by the Public Institution “Authority for Meteorology and Environmental Monitoring” (IP AMM). The stations

are used for water level and flow monitoring, **meteorological data collection**, environmental data collection, and early warning for flood and disaster events.

Lot 1 – Spare Parts for Hydrological Stations

Lot 2 – Spare Parts for Meteorological Stations

Lot 3 – Spare Parts for Hydrometeorological Stations

This equipment will be used by the P Public Institution “Authority for Meteorology and Environmental Monitoring” (IP AMM), to ensure uninterrupted collection of coherent and operational data, as well as to make more accurate measurements for the development of forecasts and warnings in the event of natural disasters.

GENERAL REQUIREMENTS

The Supplier must be a legally registered company or authorized distributor/reseller with proof of authorization from the original equipment manufacturer (OEM) for supplying spare parts.

All spare parts must be brand new, unused, and genuine, directly sourced from the OEM. Spare parts must be fully compatible with the existing equipment (model, version, and protocol).

Packaging, storage, and transport must ensure no damage or degradation of sensitive components.

The Supplier shall be responsible for remedying any defects resulting from product non-conformity, if the products do not meet the requirements, or have been damaged during transportation until receipt by the Purchaser.

Based on the beneficiary needs, the following equipment is to be procured which is grouped in three (3) lots.

Suppliers shall indicate the name of the manufacturer and the proposed model as well as complete information on the proposed specifications. Suppliers must complete the mandatory cells as well as indicate the required information for each item/equipment proposed.

Technical Specifications

(Procurement of Spare parts for automated meteorological and hydrological stations)

1. Eligibility & Qualification

- The bidder must be a legally registered company or authorized distributor/reseller.
 - Proof of authorization from the **original manufacturer** (OEM) for supplying spare parts must be provided.
 - The bidder must demonstrate experience in the **supply, installation, and/or servicing of meteorological and hydrological or similar scientific equipment** in the past 3 years.
 - Financial capacity: audited financial statements or proof of turnover for the last 3 years.
-

2. Technical Requirements

- All spare parts must be **brand new, unused, and genuine**, directly sourced from the OEM.
 - Spare parts must be **fully compatible** with the existing equipment (model, version, and protocol).
 - Each item must come with a **manufacturer's datasheet** specifying compliance with required parameters.
 - Calibration certificates must be provided for **sensors and measuring instruments**.
 - Packaging, storage, and transport must ensure **no damage or degradation** of sensitive components.
 - Battery types included in the offer must correspond to, and be recyclable according to applicable legal provisions of the Republic of Moldova (Moldovan Government Decision 586/2020, Annex 1)
-

3. Warranty & Support

- Minimum **24 months warranty** from the date of delivery.
 - Warranty should cover **manufacturing defects, premature failure, and calibration errors**.
 - The bidder must ensure **technical support and service availability** (either local or via remote assistance).
-

4. Delivery & Logistics

- Clear statement of **delivery timeline** 90 days after contract signing
- Documentation must include: packing list, user manuals, calibration certificates, and warranty certificates.

Lot 1
Spare parts for hydrological stations

Minimum Technical Specifications Required		Proposed Technical Specifications
OTT netDL1000 Measurement and Control Datalogger		
Interfaces	RJ-45, USB, RS-232, RS-485, Modbus RTU, SDI-12, analog inputs, digital inputs	
Communication	TCP/IP, HTTPS, HTTP, FTP 4G, 3G, 2G (via external modem)	
Data & Measurement	40 channels up to 120 channels / Storage capacity ~1100000 values	
Memory	RAM 4 MB	
Operating voltage	9 to 28 V. DC (typical 12V)	
Operating temperature and humidity	-40 °C...+70 °C. 5...95 %	
User Interface	Display – 122x32 pixels /Control – Jog shuttle knob Indicators – Status LEDs	
Dimensions	232 x 124 x 86 mm ~ 0.65 kg Protection class – IP 41	
Calibration certificate	Yes.	
OTT PLS 500 Pressure Level Sensor		
Water level		
Measurement range	0...40 m.	
Measurement accuracy	±2 mm / 0 ... 5 m (-5 ... +55 °C) ±3 mm / 0 ... 5 m (-20 ... -5 °C; +55 ... +70 °C) ±5 mm / 5 ... 10 m (-20 ... +70 °C)	
Measurement resolution	0.001 m / 0.1 cm	
Water temperature		
Measurement range	-20 °C (ice-free) ... +70 °C	
Measurement accuracy	± 0.15 °C; Typ. ± 0.05 °C	
Measurement resolution	0.01 °C	
Operating interface	SDI-12 and RS485 (SDI-12 v1.4 and Modbus RTU)	
Operating voltage	5.5...28.8 V typically 12/24 V DC	
Protection class	IP68	
Unit System	Metric	
Body Material	Stainless steel 1.4539 (904L)	
Calibration certificate	Yes	
OTT CBS Compact Bubbler Sensor		
Measurement range	0 – 30 m	
Measurement accuracy	±5 mm	
Measurement resolution	1 mm.	
Operating interface	4 – 20 mA, SDI-12, SDI-12 via RS-485	
Operating voltage	10 – 30 V DC, typically 12/24 V DC	
Operating temperature	-20 - +60 °C	
Protection class	IP43	
Calibration certificate	Yes	

OTT RLS 500 Smart Radar Level		
Measurement range	0 ... 30 m, distance to water	
Measurement accuracy	±2 mm	
Measurement resolution	0.001 m · 0.1 cm · 1 mm	
Operating interface	SDI-12 and RS-485 (SDI-12 V1.4 and Modbus RTU)	
Operating voltage	5.5 ... 28.8 V DC, typically 12/24 V DC	
Protection class	IP67	
Calibration certificate	Yes	
Lufft WS200-UMB Ultrasonic Wind Sensor		
Wind Speed		
Measuring range	0 – 75 m/s	
Measurement accuracy	±0.3 m/s	
Measurement resolution	0.1 m/s	
Wind Direction		
Measuring range	0 – 359.9 °	
Measurement accuracy	< 3°	
Measurement technology	Ultrasonic	
Operating voltage	Heating: 20VA at 24VDC 4-32 VDC (with heating)	
Operating interface	RS485 with supported protocols UMB-Binary, UMB-ASCII, Modbus-RTU, Modbus-ASCII, XDR and SDI-12	
Protection	IP66	
Calibration certificate	Yes	
Measuring range	0 – 359.9 °	
Measurement accuracy	< 3°	
Measurement technology	Ultrasonic	
ConiuGO LTE Modem USB CAT-1 HT		
Frequency bands	800 / 900 / 1800 / 2100 / 2600 MHz	
Data Transmission	Up to 10 Mbps downlink / 5 Mbps uplink	
Interfaces	USB, RS-232	
Communication Protocols	TCP/IP, UDP, FTP, SMTP, SMS	
Power Supply	9–35 V DC	
SIM	Integrated SIM card slot	
Antenna Connector	SMA, 50 Ω	

Lot 2

Spare parts for meteorological stations

Minimum Technical Specifications Required		Proposed Technical Specifications
Campbell Scientific CR1000X Measurement and Control Datalogger		
Communication ports	Ethernet, USB Micro B, CS I/O, RS-232, RS-422, CPI, RS-485.	
Digital I/O	8 terminals configurable for digital input and output.	
Communication protocol	PakBus, Modbus, DNP3, SDI-12, SDM, CPI, TCP, and others.	
Battery-backed SRAM for CPU Usage & Final Storage	4 MB	
Internet Protocols	Ethernet, PPP, RNDIS, ICMP/Ping, Auto-IP (APIPA), Ipv4, Ipv6, UDP, TCP, TLS (v1.2), DNS, DHCP, SLAAC, Telnet, HTTP(S), SFTP, FTP(S), POP3/TLS, NTP, SMTP/TLS, SNMPv3, CS I/O IP, MQTT	
Operating voltage	9.6 to 16 V DC.	
Operating temperature	-25 °C...+50 °C.	
Data Storage	4 MB SRAM + 16 GB Flash	
Calibration certificate	Yes.	
Campbell Scientific NL116 Ethernet Interface and CompactFlash Module		
Transmission Distance or Area	Worldwide.	
Storage Capacity	256 MB, 2 GB, or 16 GB.	
Data Logger Interface	40-pin peripheral port on CR1000 or CR3000.	
Ethernet	10/100 Mbps, auto-detect 10BaseT/100Base-TX, full/half duplex, IEEE 802.3, auto MDI/MDI-X.	
Power Source	12 V from data logger 40-pin peripheral port.	
Power Consumption	58 mA typical, 3 mA Ethernet off.	
Operating temperature	40° to +70°C.	
CompactFlash Cards	Industrial-rated cards.	
Vaisala Air Temperature and Humidity Sensor (HMP 155)		
Air temperature		
Measurement range	40...+80 °C.	
Measurement accuracy	±0.1 °C.	
Measurement resolution	0.01 °C.	
Air humidity		
Measurement range	0...100%.	
Measurement accuracy	±0.1%.	
Operating interface	SDI-12.	
Operating voltage	4.5...28VDC.	
Operating temperature	-40...+80 °C.	
Operating humidity	0...100%.	

Cable length	5m...10m	
radiation shield with lamella	Yes	
Mounting set for mast	Yes	
Calibration certificate	Yes	
OTT Precipitation Measurement Sensor (Pluio2)		
Measurement range	0...50mm/min.	
Measurement accuracy	0.01...0.05mm.	
Measurement resolution	0.01mm.	
Operating interface	SDI-12, RS-485, USB.	
Operating voltage	5...24 VDC.	
Operating temperature	-30...+70 °C.	
Types of precipitation measured	Liquid, solid, mixed.	
Protection class	Not less than IP68.	
Calibration certificate	Yes	
Campbell Scientific Soil Temperature Probe 109		
Measurement range	-50...70 °C.	
Interchangeability Error	±0.1°C (over 0° to 70°C range increasing to ±0.5°C at -50°C)	
Measurement resolution	0.01 °C.	
Output	Analog	
Operating voltage	5...24 VDC.	
Operating temperature	-50...+70 °C.	
Calibration certificate	Yes.	
Vaisala PTB330 Digital Barometer		
Measuring range	500-1100 hPa	
Accuracy at +20 °C	±0.10 hPa	
Linearity	±0.05 hPa	
Operating voltage	10-35 V DC	
Communication interfaces	RS-232, RS-485, RS-422	
Display	No	
Operating temperature	-40 to +60 °C	
Protection	IP65	
Calibration certificate	Yes	
Thies Clima Wind Transmitter "First Class" Advanced Part number: 4.3351.00.000		
Measuring range	0 ... 75 m/s	
Accuracy	< 1 % of meas. Value (0.3 ... 50 m/s) or < ±0.2 m/s	
Operating voltage		
Electronic	3.3 ... 48 V DC / 130 µA from 3,3 ... 15 V /180 µA > 15 V	
Heating	24 V AC/-DC, max 25 W	
General		
Electric connection	8 pol. Plug connection	
Survival speed	80 m/s (min. 30 minutes)	

Operating temperature	-50 ... +80 °C	
Protection	IP 55	
Cable	10 m (heated included)	
Calibration certificate	Yes	
Wind Direction Transmitter ” First Class“ Part number: 4.3151.10.110		
Measuring range	0 ... 360 °	
Resolution	0.35 °	
Accuracy	1 °	
Operating voltage		
Electronic	3.3 ... 42 V DC	
Current consumption	1.4 mA standby	
General		
Electric connection	8 pol. plug connection	
Operating temperature	-50 ... +80 °C	
Protection	IP 55	
Calibration certificate	Yes	
Modem Cinterion MC55I		
Quad-Band GSM/GPRS	850/900/1800/1900 MHz	
Operating voltage	3.3 V ... 4.8 V	
Operating temperature	-20 °C to +70 °C	
Data rate	GPRS class 10	
Supported Protocols	TCP, UDP, HTTP, FTP, SMTP, POP3, ICMP, DNS	
Serial Interfaces	RS-232 , V.24 , V.28	
Campbell Scientific Aspirated Radiation Shield Model 43502-2A		
Aspiration Rate	5 to 11 m/s.	
Radiation Error	Ambient Temperature: 0.2 °C (0.4°F) RMS @ 1000 W/m2. Delta T: 0.05 °C (0.1°F) RMS with like shields equally exposed.	
Operating voltage	12 to 14 VDC.	
Construction	UV stabilized white thermoplastic shield, white powder-coated aluminum mounting bracket, stainless steel U-bolt clamp.	

Lot 3

Spare parts for hydrometeorological stations

Minimum Technical Specifications Required		Proposed Technical Specifications
Solar Panel		
Nominal power	200W.	
Cell type	Monocrystalline.	
Voltage	Max. 20V.	
Current power	Max. 10A.	
Connection cable	No less than 10m.	
Operating temperature	-40 °C...+85 °C.	
Solar Panel Controller		
Nominal voltage	12/24 V.	
Maximum charging current	Min. 20A.	
Maximum input voltage from solar panels	25...50V.	
Charging voltage	14.4V.	
Battery discharge protection	10.5...10.7V.	
Reconnection voltage	12.3...12.6V.	
Operating temperature	-40 °C...+85 °C.	
Nominal voltage	12/24 V.	
Battery		
Nominal Voltage	12V.	
Capacity	90...100AH.	
Maximum discharge current	1200-1500A.	
Maximum charging current	20-25A.	
Battery Type	AGM, GEL, LiFePO4	
Terminal Type	Standard round lead posts (top terminals)	
Cycle Type	Deep-cycle	

*Note: Bidders **shall provide detailed information for each proposed technical parameter**, demonstrating compliance with the minimum requirements. Where applicable, bidders shall indicate the relevant page numbers of the manufacturer's brochures or technical data sheets and include such documents as supporting evidence for the proposed Goods.*

Supplier requirements:

1. Must be an official authorized distributor/reseller of the original manufacturer (OEM) for the spare parts quoted, with at least 3 years of proven experience in the supply, installation, or servicing of **meteorological and hydrological** or similar scientific equipment.

2. To have service centers for providing warranty and post-warranty technical assistance
3. Must hold the necessary licenses and certifications for the sale and maintenance of equipment.
4. The spare parts must comply with national and international technical and environmental standards.
5. To respect the delivery deadlines established in the contract and to have the ability to deliver in a timely manner, in accordance with the stipulated requirements.

Registration and delivery conditions:

1. Delivery within 90 days from the signing of the purchase contract.
2. Delivery and quantitative/qualitative reception of the spare parts will be made at the buyer's premises in the Republic of Moldova, in accordance with the terms of the offer, accompanied by a report of receipt of the goods with/without defects.
3. The Supplier will provide all necessary documents for the delivery of the spare parts, including calibration certificates, warranty certificates, user and maintenance manuals and any other relevant documents.

Warranty conditions:

1. Warranty: 24 months, from the moment of signing the handover deed — receipt of the spare parts in accordance with the buyer's requirements.
2. The spare parts must be new, unused and free of defects at the time of delivery.

Performance Parameters

Supplier confirms compliance with above specifications { **In case of deviations Supplier to list all such deviations** }.

NAME OF SUPPLIER _____

Authorized Signature _____

Place:

Date: