

**Invitation to Bid
ITB26/03280
Amendment no. 1**

Ref. no. ITB26/03280

Date: 12 August 2026

Subject: ITB/03280: Supply of 65,000 PRIME 1.4 Smart Electricity Meters and 495 PRIME 1.4 Data Concentrators (Smart Metering Pilot)

Dear Sir/Madam,

UNDP is hereby issuing **Amendment No. 1** to the Invitation to Bid (ITB) to introduce the following changes:

1. The **Minutes of the Pre-Bid Meeting** held on **22 July 2026** have been published.
2. The following documents have been amended. Changes are marked in red:
 - **Annex 1.1:** Technical Specifications LOT 1;
 - **Annex 1.2:** Technical Specifications LOT 2;
 - **Annex 2.1:** Technical Responsiveness Table LOT 1 and LOT 2;
 - **Form G:** Technical Bid; and
 - **Form I:** Bid Security.
3. The following annexes have been added to the solicitation documents:
 - **Annex 1.3:** MD Meter Communication Interfaces, Rev. 1.0;
 - **Annex 1.4:** MD Project Object Model, Rev. 1.0; and
 - **Annex 1.5:** MD Events, Errors, Alarms and AMR Profile Status Code, Rev. 1.0
4. The ITB document has been amended to incorporate the following changes, which are written in red and highlighted in yellow:
 - **SECTION 3: DATA SHEET/ Article 56. Documents to be submitted** was amended to introduce additional Technical Bid documentation requirements, including a technical compliance/gap matrix, a supplier self-declaration of implementation commitments, and meter dimension documentation:

55.	Documents to be submitted	Please attach the following documents with your Bid: ▪ Bid Submission (as per Form C) ▪ Bidder Information (as per Form D) ▪ Company Profile, which should not exceed fifteen (15) pages including detailed portfolio/previous corporate experience in similar fields related to the assignment: provision of similar equipment/solutions and related services. ▪ Certificate of Incorporation/ Business Registration ▪ Certified details of the ownership of the Bidder company (including each member of a JV consortium), providing the percentage ownership, share or stockholding of each party with an interest exceeding 5% of the company ownership (or Annex 1 to Business Registration Certificate – for local companies)
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		▪ Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country ▪ Certification or authorization to act as Agent on behalf of the Manufacturer, or Power of Attorney (if Supplier is not the manufacturer). Manufacturer Authorization Form (MAF) ▪ Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any such privilege is enjoyed by the Bidder ▪ Joint Venture Partner Information Form (as per Form E), if applicable ▪ Evidence of the capacities, capabilities and reputation of the JV partners/Subcontractors (if any) should meet respective requirements listed in Section 4 ▪ Eligibility and Qualification Form (as per Form F) ▪ Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor's Reports (for international companies) or registered Financial Report at the Statistical Bureau (for local companies) for the past 3 (three) years for the Bidder (2023-2025) ▪ Details of Previous Relevant Experience (supply of Smart Electricity Meters and/or Data Concentrators) within the last three (3) years, indicating the Beneficiary name and contact details, scope of contract, contract amount and period of contract execution ▪ Copies of 2 (two) signed contracts to prove that Offeror meets the similar experience requirement (stated under Section 4: Evaluation Criteria) ▪ At least 2 Clients' statements confirming satisfactory performance by the Bidder, each JV partner/Subcontractor (if the case), on the 2 (two) contracts of highest value carried out, during the past three (3) years, by each intended participant ▪ Technical Bid (as per Form G) including Annex 2.1: Technical Responsiveness Table per LOT applied, relevant catalogues and brochures to support the technical specifications of the goods offered and a brief description and approach on how the goods and services will be provided ▪ Technical compliance/gap matrix: as-is mapping and transparent analysis against the Moldova Reference Smart Meter Data Model ▪ Supplier self-declaration of binding adaptation commitment: - o Before FAT: mandatory meter firmware/configuration, data objects, security associations, OBIS/event mappings and data-concentrator interoperability shall be complete. - o Before or during SAT: final DSO parameters, tariff settings, keys and permanent HES/MDM-specific end-to-end mapping shall be completed and verified. ▪ Detailed technical description of the proposed equipment. The technical description shall be supported by: - o Adequate technical documentation and corresponding manufacturer's specifications and catalogues (including model and firmware versions) and/or; - o Certificates of conformity and/or quality, catalogue(s) and other printed material or information pertinent to the equipment. - o For LOT 1: Dimensioned drawings, fixing details, terminal and conductor data, sealing arrangement, nameplate example, connection diagrams and evidence of compliance with the standard DSO envelope or commitment to the physical cabinet fit test. ▪ Detailed Smart Metering Certification Package for LOT 1 (as required in Section 5 below): - o PRIME certificate package;
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		- o Metrology certificates (CE marking applied; MID certification for the main equipment (meters) etc.); - o Protocol documentation (DLMS/COSEM object list, OBIS map, event-code map, access levels, companion profile and HES integration guide); - o Cybersecurity pack; - o Statement confirming the issuance of the Certificate(s) of Origin for the proposed equipment; - o Implementation method statement; - o Lifecycle statement; - o Factory Acceptance Test (FAT) procedures. - o Commitment to sample provision. ▪ Detailed Data Concentrators Package for LOT 2 (as required in Section 5 below): - o Certificates and/or test reports demonstrating compliance with applicable standards (electrical, EMC, environmental, PRIME or equivalent, DLMS/COSEM, cybersecurity); - o Cybersecurity documentation covering architecture, encryption, access control, firmware protection, and audit logging; - o Interoperability evidence with PRIME 1.4 (and backward compatibility where applicable) and HES/MDMS systems; - o Factory Acceptance Test (FAT) procedures; - o Written commitment to provide samples upon request by UNDP. ▪ List of key personnel, together with CVs and professional certificates (valid at the date of presentation) (as required in Section 5 / point Training on Operations and Maintenance below) ▪ Quality Certificate (ISO 9001, etc) and/or other similar certificates, accreditations, awards and citations received by the Bidder, as per Annex 1 ▪ Name and address of the authorized Service Center for warranty/ guarantee maintenance services, including: - o Contract/Agreement/Letter signed by both parties confirming the relationship between the supplier and service provider; - o Official documentation stating that the Partner is a registered business; - o A detailed profile of the service provider; - o Description of procedure and time estimates for service provision. ▪ Statement confirming the issuance of warranty certificates for at least thirty-six (36) months from the date of commissioning in the name of the Beneficiary. ▪ Detailed delivery schedule (table, GANTT chart) for the delivery and commissioning as per Section 5 ▪ Duly filled-in Price Schedule (as per Form H) ▪ Environmental Compliance Certificates, Accreditations, Markings/Labels, and other evidence of the Bidder's practices which contributes to the ecological sustainability and reduction of adverse environmental impact (e.g., use of non-toxic substances, recycled raw materials, energy-efficient equipment, reduced carbon emission, etc.), either in its business practices or in the goods it manufactures ▪ Export Licenses, if applicable Bid Security (as per Form I) –a copy of full Bid Security documentation must be submitted through Quantum system as part of the online bid and the Original Bid Security documentation must be physically received by UNDP (10) ten calendar days after the deadline for submission of offers indicated in the Quantum system the latest at the address indicated above.
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- **SECTION 5: SCHEDULE OF REQUIREMENTS / B. Detailed Specifications** was amended to add Annexes 1.3 to 1.5, containing the reference documentation supporting the implementation of the Moldova

AMI data model:

The detailed specifications per LOT are presented under the separate attachments to this Invitation to Bid:

- Annex 1.1.: Technical Specifications for LOT 1
- Annex 1.2.: Technical Specifications for LOT 2
- Annex 1.3: MD Meter Communication Interfaces, Rev. 1.0
- Annex 1.4: MD Project Object Model, Rev. 1.0
- Annex 1.5: MD Events, Errors, Alarms and AMR Profile Status Code, Rev. 1.0

The requirements listed in the Annexes 1.1 to 1.5 form an integral part of this Schedule of Requirements. Together, they constitute the complete scope and requirements of the assignment and shall be considered in their entirety by the Bidder.

- **SECTION 5: SCHEDULE OF REQUIREMENTS / D. Delivery Requirements / Factory Acceptance Testing (FAT)** was amended to introduce additional Factory Acceptance Testing (FAT) requirements, procedures, and acceptance criteria.:

Factory Acceptance Testing (FAT)	Prior to shipment of the first batch, the Supplier shall conduct a Factory Acceptance Test (FAT) to demonstrate that the Goods comply with the technical requirements of the Contract. The FAT shall be conducted in accordance with the FAT protocol approved by UNDP. The Supplier shall verify the bill of materials, exact hardware/firmware versions, certificates, production-test results, mechanical requirements, temporary HES/testing-tool onboarding, awarded meter-to-data-concentrator interoperability, bulk reading, final mandatory Moldova data-model/OBIS/event mapping, security associations and key-management functions, remote configuration, firmware update and relay controls. FAT shall not be passed until all mandatory pre-FAT adaptations are implemented and demonstrated. The Supplier shall provide UNDP with at least fifteen (15) calendar days' prior written notice of the proposed FAT date(s), together with the FAT protocol, detailed test agenda, and any supporting documentation required for UNDP's review. UNDP reserves the right to require postponement of the FAT if the required notice period is not respected or if the FAT documentation is incomplete. The FAT shall be witnessed by representatives of UNDP and the Final Beneficiary through live remote participation (e.g. video conferencing) or, at UNDP's discretion, through physical attendance at the manufacturing facility, taking into account factors such as the complexity of the equipment, integration risks, and the Supplier's performance record. Upon completion of the FAT, the Supplier shall submit the FAT Report, together with all test records and supporting documentation, to UNDP for review and acceptance. Shipment of the respective batch shall not commence until UNDP has accepted the FAT Report.
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	The Supplier shall promptly address any non-conformities identified during the FAT and, where required by UNDP, repeat the relevant tests at no additional cost to UNDP until compliance with the Contract requirements has been demonstrated.
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- **SECTION 5: SCHEDULE OF REQUIREMENTS / D. Delivery Requirements** was amended to introduce a new Site Acceptance Testing (SAT) and integration support section, defining the Supplier's responsibilities for on-site integration, commissioning support, interoperability verification, and successful completion of SAT:

Site acceptance / integration support (SAT)	The Supplier shall support UNDP, the Beneficiaries, the awarded data-concentrator supplier and the selected permanent HES/MDM provider during SAT and integration testing. Tests shall include provisioning, registration, bidirectional DLMS/COSEM communication through the data concentrators/gateways, final DSO- and HES/MDM-specific OBIS/event mapping, security and key provisioning, clock synchronization, firmware-update demonstration and reading of billing and load profiles in the permanent HES/MDM environment.
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- **SECTION 5: SCHEDULE OF REQUIREMENTS/D. Delivery Requirements/ Warranty Period** was amended to add detailed warranty service requirements, including response times, replacement obligations, spare parts availability, and warranty support arrangements.:

Warranty Period	Applicable for both LOT 1 and LOT 2: Minimum 36 months Statement of Warranty shall be issued for the required warranty period in the name of the Beneficiary(ies). During the warranty period, defective Smart Meters/ Data Concentrators shall be replaced at no additional cost within 30 calendar days from receipt of the written notification. The Supplier may determine the location and management of spare stock and the transport/logistics arrangements, provided that the 30-day deadline is met. Replacement equipment shall be identical or fully compatible and shall meet the same technical, certification, firmware, security, data-model and HES/MDM integration requirements as the original equipment.
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- **SECTION 7: BIDDING FORMS/ Form G: TECHNICAL BID** was amended to introduce a new Site Acceptance Testing (SAT) and integration support section.
 - **SECTION 7: BIDDING FORMS/ Form I: Bid Security** was amended to provide for the application of the Uniform Rules for Demand Guarantees (URDG 758), with the exclusion of Article 15(a).
5. All other terms and conditions of the solicitation documents, except as amended herein, shall remain unchanged and shall continue in full force and effect.