



Minutes of the Pre-Bid Conference

ITB26/03280 — Supply of 65,000 PRIME 1.4 Smart Electricity Meters and 495 PRIME 1.4 Data Concentrators

Negotiation ID in Quantum: UNDP-MDA-01053

Project: Accelerating a Just Energy Transition in the Republic of Moldova (JET) — Digitalization of the Energy Sector Component

Date & time: 22 July 2026, 15:00 (GMT+3, Moldova time) Venue: Zoom (Meeting ID 831 6053 0929)

Agenda:

- I. Overview of the tender
- II. Bidding procedure, offeror forms, evaluation process
- III. ToR and technical specifications overview
- IV. Q&A

1. Opening and purpose

The pre-bid conference was opened by the JET Component Manager, who welcomed the participants and introduced the UNDP team present: the Component Manager, the Head of Procurement Unit, and the technical specialist responsible for the specifications.

2. Overview of the tender

The Component Manager presented the scope and context. The procurement supports the scale-up of the national smart metering infrastructure under the JET Programme, targeting at least 65,000 additional consumers towards an overall objective of 100,000, with a focus on residential consumers. The procurement is structured in two lots, awarded on a per-lot basis, one bidder or consortium per lot, for 100% of the items and quantities in each lot:

- LOT 1 — 65,000 PRIME 1.4 smart electricity meters: 60,730 single-phase; 4,217 three-phase direct-connection (DC); 53 three-phase transformer-connection (TC).
- LOT 2 — 495 PRIME 1.4 data concentrators, delivered in one batch, interoperable with PRIME 1.4 meters and the HES/MDMS, with backward compatibility where applicable.

Beneficiaries (DDP delivery): Premier Energy Distribution, Chisinau (55% of meters — 35,750 units; 272 DCs) and RED NORD S.A., Balti (45% — 29,250 units; 223 DCs).

Bidders were informed in addition that installation and site works are not included and are addressed under separate arrangements. Moreover, UNDP is deploying a permanent HES/MDM solution for both distribution system operators; this assignment is currently in inception and falls outside the scope of this tender.

Accordingly, bidders under each lot are required only to provide, without separate license fees, the manufacturer HES functionality/module, testing environment or equivalent integration tools needed for sample testing, onboarding, FAT, DLMS/COSEM/OBIS and event-code mapping, firmware-management demonstration and interoperability verification of the supplied equipment. The permanent operational

HES/MDM platform is procured separately. The Moldova Reference Smart Meter Data Model and the Reference DLMS/COSEM AMI Smart Meter COSEM Profile for Communication Interfaces are project reference documents made available to all bidders.

Full native implementation of every project-specific object is not required at bid submission: bidders shall disclose the as-is implementation and gaps; mandatory project adaptations shall be completed before FAT; and final DSO- and permanent HES/MDM-specific parameters, keys and end-to-end mapping shall be completed before or during SAT. The selected permanent HES/MDM provider will lead final system integration with the support of the awarded LOT 1 and LOT 2 suppliers.

Key Data Sheet conditions were presented such as:

- bid language English and/or Romanian;
- bid currency USD (international and local) or MDL (local only), evaluated in USD at UNORE on the submission deadline; prices exclusive of VAT and fixed for the contract period; bid validity 90 days; alternative bids not considered;
- evaluation on the lowest priced, technically responsive, eligible and qualified bid per lot; UNDP's right to vary quantities by up to 25% at award; expected contract start October 2026 with a performance period to May 2027 at the latest; no advance payment; payment 100% within 30 days of UNDP's acceptance and receipt of invoice.
- Bid security of USD 50,000 is required for a bid on LOT 1 only or on both lots, and is not required for LOT 2 only.
- A performance security of 10% of the contract amount is required, released against a warranty security of 2.5%.
- Liquidated damages apply at 2.5% per week of delay up to a maximum of 10% of the contract value.
- Eligibility and qualification criteria (Section 4) were summarised, including the experience requirement of two previous contracts each $\geq 50,000$ meters (LOT 1) or ≥ 400 data concentrators (LOT 2), turnover thresholds and financial standing.

3. Bidding procedure and evaluation

The Head of Procurement Unit presented the Quantum submission process: registration and subscription to the tender, location of the notice on the UNDP Procurement Notices site, attention to time zones, and the structure of the solicitation documents and returnable forms (A–I plus the Price Schedule and Annex 2.1 Technical Responsiveness Table).

Consortium arrangements were explained: the lead partner submits the bid in Quantum and signs the contract, and all qualification requirements must be met. Bidders were reminded to press “Submit” to finalise their bid and to complete Annex 2.1 with specific references to evidence rather than general statements.

The evaluation process was described in five stages: preliminary examination (completeness, signatures, bid validity, compliant bid security); eligibility and qualification (pass/fail against Section 4); technical evaluation (substantial compliance with the specifications and delivery requirements, with samples where requested); price evaluation (substantially compliant bids compared on landed price / total cost of ownership); and award to the lowest priced, technically responsive, eligible and qualified bid per lot, with post-qualification due diligence as applicable.

4. Technical specifications

The programme technical specialist presented the specifications for both lots, emphasizing exact-model PRIME 1.4 certification, DLMS/COSEM interoperability, the Moldova Reference Smart Meter Data Model, open multi-vendor integration, cybersecurity, mechanical/installation compatibility for meters, and the provision of samples, FAT and SAT/integration support.

It was clarified that the HES/MDM platform is not part of this procurement. Any manufacturer HES functionality/module, testing environment or equivalent integration tool required under LOT 1 or LOT 2 is

limited to testing, onboarding and interoperability verification. The awarded meter and data-concentrator suppliers shall cooperate with the selected permanent HES/MDM provider during FAT/SAT and final integration.

Training (one day at each DSO) and the 36-month warranty requirements were noted.

For warranty handling, defective meters and data concentrators shall be replaced at no additional cost within 30 calendar days from receipt of the written warranty notification; the Supplier may organise spare stock and logistics from any location provided that this deadline is met.

5. Questions and clarifications

The questions raised during the conference and the clarifications provided are summarised below.

#	Clarification request (from bidders)	UNDP response
1	Can previous reference contracts be provided if they are subject to confidentiality/NDA?	Yes. Where a reference contract is subject to an NDA, this does not prevent it from being used as experience evidence. In such cases, the bidder need only provide information on the contract's scope, status and implementation period — details that are not normally commercially sensitive — together with the beneficiary reference, sufficient to demonstrate that the qualification requirement is met (at least 50,000 smart meters supplied and delivered for LOT 1, or at least 400 data concentrators for LOT 2).
2	How should an electronic bid security be handled?	A scanned copy of the complete bid security must be submitted through Quantum as part of the bidding process. Where an electronic bid security is provided, the bidder shall inform UNDP how its authenticity can be verified. The original document must be received by UNDP within 10 calendar days after the submission deadline, failing which the bid is disqualified.
3	What is the timeline for responses to questions submitted through Quantum?	Questions must be submitted through the Quantum messaging functionality no later than 5 days before the submission deadline. UNDP endeavours to respond as promptly as possible; formal responses are typically provided within about two working days and are published to all bidders through the portal.
4	Is the Head-End System (HES) part of the scope of supply?	No. The HES/MDM platform is procured separately and is not part of this bidding process. Under each lot, the bidder is required only to provide the manufacturer HES functionality/module, testing environment or equivalent integration tools needed to test and onboard its equipment. These tools shall be available without separate licence fees for sample testing, FAT, DLMS/COSEM/OBIS and event-code mapping, firmware-management demonstration and interoperability verification. The awarded suppliers shall support integration with the selected permanent HES/MDM provider during FAT/SAT.
5	For FAT, what Head-End capability is required to communicate with the meters?	For FAT, the testing environment shall support end-to-end communication from the offered meters through the awarded PRIME 1.4 data concentrators, or an equivalent test setup, and shall enable verification of DLMS/COSEM reads, OBIS/event mapping, security associations, configuration and firmware-management functions. This is a temporary

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		testing/integration capability only. Final HES/MDM-specific parameters and end-to-end integration will be verified before or during SAT.
6	Must the authorized service centre be located in Moldova?	No. The service centre or spare stock does not have to be located in Moldova. The Supplier remains responsible for warranty support and shall replace defective meters or data concentrators at no additional cost within 30 calendar days from receipt of written notification. The Supplier may decide where spare units are stored and how transport and logistics are organised, provided that the 30-day deadline is met. A Supplier's own competent laboratory/service facility is acceptable; an external third-party service centre is not mandatory.
7	From Annex 1.1 – Technical Specifications LOT 1, SM-10: the requirement for Reference/basic current is Minimum 5A, does that mean reference current 10A is also acceptable?	No. SM-10 requires a 5A reference/basic current of 5A for direct-connected meters. A reference current of 10A is not acceptable. Please note that SM-10 wording is being amended from “Minimum 5A” to “5A” to remove ambiguity, and this amendment will be published by UNDP and made available to all interested bidders.
8	From Annex 1.1 - Technical Specifications_LOT 1, SM-10: the requirement of Reference/basic current is Minimum 5A, if the PP meter itself support basic current 5A, but the MID certificate still be 10A, is that acceptable to refresh the MID cert after rewarded?	No. If the offered meter has a reference/basic current of 5 A, the corresponding certificate submitted with the bid shall also confirm compliance for the 5 A configuration. A certificate issued for 10 A is not sufficient. Submission of an updated or revised certificate after contract award to demonstrate compliance will not be accepted.
9	From Annex 1.1 - Technical Specifications_LOT 1, SM-08: the requirement of accuracy class on CT meter is class C, if the CT meter itself support class C, but the MID certificate still be class B, is that acceptable to refresh the MID cert after rewarded?	No. If the offered CT meter is required to meet Accuracy Class C, the corresponding certificate submitted with the bid shall confirm Class C compliance. A certificate issued for Class B is not sufficient. Submission of an updated or revised certificate after contract award to demonstrate compliance will not be accepted.
10	We would like to know, for this tender, is Subcontractor allowed?	Yes, Subcontracting is allowed under this tender. Bidders shall indicate in their offer the name and address of the subcontractor, as well as the type and percentage of services to be provided by the subcontractor. Please note that the qualification requirements shall be met by the Bidder itself; subcontractors' qualifications are not considered in this regard. Alternatively, Bidders may submit an offer as a Joint Venture/Consortium, in accordance with the conditions set out in the solicitation documents, in which case the partners shall be jointly and severally liable and shall submit the corresponding JV agreement or letter of intent.
11	If the FAT acceptance is postponed or delayed, will the delivery schedule be postponed accordingly?	Where FAT is delayed for reasons not attributable to the Supplier, the corresponding delivery milestone shall be adjusted to reflect the documented delay, in accordance with the contract. Supplier-caused delay does not automatically extend the delivery schedule.

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12	Regarding the reference requirement, is there any territory limitation?	No, there is no territorial limitation regarding the references.
13	For the first 50% delivery, is delivery by separate batch allowed?	The delivery schedule is planned as described in the solicitation documents. However, should the Bidder's production process require a different batching approach, this should be described in the offer for UNDP's consideration.
14	What is the plan of meter integrated to the DSOs Head End System?	UNDP is separately deploying a permanent HES/MDM solution for both DSOs. The selected permanent HES/MDM provider will lead final system integration. At bid submission, the meter and data-concentrator bidders shall provide their as-is protocol, object, OBIS/event, access and security mappings and identify any project gaps. Mandatory meter/DC firmware, configuration, data-model, security and interface adaptations shall be completed before FAT. Final DSO-specific parameters, key provisioning and permanent HES/MDM-specific end-to-end mapping shall be completed and verified before or during SAT. The awarded LOT 1 and LOT 2 suppliers shall provide the required open documentation, samples, interfaces and technical support.
15	The documentation does not define a single, coherent AMI architecture; It provides for the separate procurement of smart meters and data concentrators	The procurement is intentionally structured as an open, multi-vendor architecture based on PRIME 1.4 and DLMS/COSEM standards. LOT 1 and LOT 2 remain separate because smart meters and data concentrators are technically distinct equipment categories, with different functions, certification requirements and supplier markets. At the same time, the two lots are not intended to operate as independent systems. Final acceptance will require successful interoperability between the awarded LOT 1 meters, the awarded LOT 2 data concentrators and the separately procured permanent HES/MDM environment.
16	HES obligations are placed on the meter supplier (Lot 1) although HES communicates with meters only via data concentrators, HES is excluded from Lot 2; and appoints no system integrator responsible for end-to-end interoperability.	The permanent operational HES/MDM platform is procured separately and is outside the scope of LOT 1 and LOT 2. The equipment suppliers are therefore not required to provide or replace the permanent operational HES/MDM platform. Under the present contracts, the equipment suppliers shall make available, without separate license fees, the manufacturer HES functionality/module, testing environment or equivalent integration tools needed for sample testing, onboarding, FAT, DLMS/COSEM/OBIS mapping checks, firmware-management demonstration and interoperability verification of the supplied equipment only. The awarded meter and data-concentrator suppliers shall cooperate with the selected permanent HES/MDM provider and the Beneficiaries throughout FAT, SAT and integration. They shall provide the

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		required open documentation, APIs/protocol interfaces, samples, configuration support and technical assistance. Such testing/integration tools do not constitute a parallel or permanent HES/MDM solution. Accordingly, interoperability is not assigned solely to the awarded meter supplier. It is addressed as an end-to-end requirement involving the meters, data concentrators and HES/MDM environment, with the respective responsibilities verified through FAT and SAT
17	The two-lot structure without a single integrator creates unmanaged systemic and integration risk; lots should be consolidated or an integrator appointed.	UNDP has reviewed the request to consolidate the two lots and does not consider this necessary. Separate lots allow different qualified manufacturers and suppliers to compete for meters and data concentrators respectively, while interoperability between the two lots remains mandatory. The two-lot structure therefore supports competition and avoids unnecessary vendor lock-in, while the FAT/SAT process provides a mechanism to verify that equipment from the awarded suppliers can operate together with the permanent HES/MDM environment.
18	The procurement is declared a continuation of the operational Moldovan pilot and must preserve compatibility with the already-validated architecture and data model.	ITB26/03280 is a separate and self-standing procurement process. It is not a continuation, extension, or contractual variation of any contract awarded under the pilot, and it creates no acquired right, preference or presumption of continuity in favor of goods delivered under the pilot. The requirements applicable to this procedure are those set out in the present solicitation documents and their amendments, and they apply identically to all bidders. The previous pilot is an important operational reference. However, the scale-up is not intended to replicate the initial pilot's proprietary implementation. Continuity will instead be ensured through open standards, a common reference data model, documented interfaces and mappings, sample testing, FAT and SAT.
19	PRIME certification alone does not ensure compatibility at the level of the DLMS/COSEM data model, cybersecurity, device/firmware management, event mapping and HES integration.	UNDP confirms that PRIME certification alone does not demonstrate complete end-to-end interoperability and therefore shall not be treated as the sole criterion for acceptance. For this reason, the proposed amendment to the Invitation to Bid includes, in addition to the PRIME 1.4 certification requirement, requirements concerning DLMS/COSEM documentation, OBIS and event-code mapping, access/security information, cybersecurity evidence, firmware and lifecycle commitments, mechanical documentation for meters, sample verification, cross-vendor FAT and SAT/integration support. This is intended to prevent the delivery of formally certified

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		equipment that cannot operate correctly in the complete AMI chain.
20	Mandatory references to Spanish companion specifications (Companion Standard 2.0, STG 4.0, UNE 20317:2005) are inappropriate for the Moldovan context and should be removed or replaced with the data model in use in Moldova.	The reference DLMS/COSEM AMI Smart Meter COSEM Profile for Communication Interfaces v2.0 — referred to in the tender as the “Spanish Companion Standard 2.0” — was included in the original tender package as an open, internationally recognized baseline at a stage when no Moldova-specific companion specification had been made available by regulated DSOs and/or any mandated authority in this regard. However, in the course of the tendering process, both beneficiary DSOs have provided a Moldova Reference Smart Meter Data Model (MD Meter Communication Interfaces Rev. 1.0; MD Project Object Model Rev. 1.0; MD Events, Errors, Alarms and AMR Profile Status Code Rev. 1.0), which is now being incorporated into the solicitation documents by amendment as separate process and will be made available publicly to all potential bidders. The specification is the property of the beneficiary DSOs and is being made available to all tenderers on identical terms and on a non-discriminatory basis. Please note that the reference DLMS/COSEM AMI Smart Meter COSEM Profile v2.0 remains part of the tender package as the applicable baseline, while compliance with the Moldova Reference Smart Meter Data Model is a contractual obligation of the awarded Supplier, not a bid-stage responsiveness requirement. <u>At bid submission, bidders shall provide the data-object, OBIS, event, access-right, security and interface mapping already supported by the offered firmware and identify any gaps or adaptations required. Full native implementation of every project-specific object is not required at bid submission.</u> However, the awarded supplier shall complete all mandatory firmware/configuration, mapping and security adaptations before FAT, while final DSO- and permanent HES/MDM-specific parameters, key provisioning and end-to-end mapping may be completed before or during SAT.
21	Requests extension of the bid-submission deadline following publication of amended documentation.	UNDP has considered the requests received and has amended the solicitation documents where appropriate. In view of the amendments to the solicitation documents, and to allow bidders sufficient time to review the changes and the additional project reference materials, the bid submission deadline has been extended until 2 September 2026, 16:30 (Moldova time). Bidders are requested to take the amended solicitation documents and the additional reference materials into account when preparing their bids. Any further requests for clarification should be submitted through the official procurement channel within the applicable deadline.

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22	Under the DDP (Incoterms 2020) delivery term, the Supplier/Bidder is responsible for customs clearance. UNDP may provide the documents required for customs clearance and VAT payment exemption. Could UNDP please confirm: Whether the exemption documents provided by UNDP cover not only import VAT, but also customs duties and any other import charges applicable in the Republic of Moldova for goods imported under this contract. Whether the documents provided by UNDP are sufficient to allow a foreign supplier to import the goods into Moldova without obtaining a local VAT registration or any other local tax registration. Whether a foreign supplier may complete the import customs formalities directly, based on the above-mentioned UNDP documentation, without appointing a customs broker or customs representative in Moldova. If a customs broker or customs representative is required, whether the Supplier may fulfil its DDP obligations through such broker/representative without obtaining a local VAT registration in Moldova. Please confirm whether the Supplier is expected to act as the Importer of Record in Moldova or whether alternative importation arrangements are acceptable under this tender.	Under the DDP (Incoterms 2020) delivery terms, the successful Supplier shall remain responsible for arranging and bearing the cost of customs clearance and delivery to the destination. In the framework of this procurement: • UNDP will provide the customs exemption letter required for the importation of the goods. The exemption applies to VAT, customs duties and other applicable import taxes and charges, in accordance with the applicable legal framework. • The goods will be imported in the name of UNDP Moldova as the designated importer. Accordingly, the Supplier is not required to obtain local VAT or other tax registration in the Republic of Moldova for the purpose of this contract. • The Supplier shall engage a licensed customs broker/customs representative in the Republic of Moldova to carry out the customs clearance procedures. The Supplier shall provide the broker's contact details to UNDP, which will prepare the required customs exemption documentation. The customs broker will process the import formalities on behalf of UNDP as the importer. • The use of a local customs broker to fulfil the Supplier's DDP obligations is acceptable and does not require the Supplier to obtain local VAT registration in Moldova.
23	Could you please confirm whether customs brokerage, customs clearance and transportation services acquired locally in Moldova by the Supplier for the sole purpose of executing this UNDP project may benefit from the VAT exemption (or zero-rated VAT treatment) applicable to goods and services destined to UNDP-funded projects, and whether the documentation provided by UNDP is sufficient for this purpose?	Customs brokerage, customs clearance and transportation services procured locally in the Republic of Moldova solely for the implementation of the resulting contract may benefit from the VAT exemption with the right to deduct, in accordance with the applicable legislation. UNDP will provide the relevant tax exemption documentation for eligible goods and services under the contract.
24	Could you please confirm whether the Bid Bond may be issued with the Guarantor's digital signature and submitted through the portal, as an alternative to submitting a scanned copy and subsequently delivering the original document within 10 days after the bid submission deadline? Furthermore, could you please confirm that the minor amendments proposed by the issuing bank to the Bid Bond template provided in the tender documentation, namely: (i) the inclusion of the bank address to which payment requests shall be sent, (ii) the indication of a fixed expiry date of the guarantee, and (iii) the specification of the governing rules applicable to the guarantee, are acceptable and do not affect its compliance with the tender requirements?	The Bid Security may be issued with the Guarantor's qualified digital signature and submitted through the Quantum portal, provided that the digital signature allows verification of the identity of the signatory, the authenticity and integrity of the document, and confirms that the document has not been modified after signing. The Bid Security shall be issued substantially in accordance with the format provided in Form I: Bid Security of the solicitation documents. The inclusion of the issuing bank's address for submission of payment demands is acceptable and does not affect compliance with the required format. A fixed expiry date may be indicated, provided it complies with the minimum validity period required under the solicitation documents. However, please note that, should the bid submission deadline or the bid validity

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		period be extended at UNDP's request, the Bid Security shall also be extended accordingly, and an updated guarantee shall be submitted. The inclusion of other governing rules applicable to the guarantee is not acceptable. The Bid Security shall be governed by the Uniform Rules for Demand Guarantees (URDG 758), ICC Publication No. 758, with the supporting statement under Article 15(a) thereof expressly excluded. Accordingly, Form I: Bid Security has been amended to reflect this requirement and is being provided to all prospective bidders along with the amendment package.
25	If the supplier operates its own meter laboratory for maintenance activities and technical analysis of devices under warranty, could you please confirm that the appointment of an external Service Center is not mandatory? Should this be the case, please also confirm that it is not necessary to submit either the contract between the supplier and the Service Center provider or an official document demonstrating that the Service Center provider is a duly registered business entity.	A third-party external service center is not mandatory if the bidder or manufacturer operates its own competent meter laboratory or service center and assumes full responsibility for all warranty obligations. In such a case, a contract with an external service center provider and documentation on the registration of such third-party provider are not required. The bidder must nevertheless provide sufficient information and supporting evidence about its service center, including the address, responsible contact person, technical capacity, warranty claim procedure, diagnostic and repair or replacement arrangements, and logistics for handling defective equipment. The service center does not need to be located in Moldova if effective and timely warranty support is available to beneficiaries.
26	Regarding the warranty period, we understand that it starts from the date of meter commissioning rather than from the delivery date. Could you please clarify the maximum allowed storage period of the meters in the warehouse prior to commissioning?	The required warranty period is 36 months and shall commence from the formal acceptance of the delivered meters by UNDP and/or the Beneficiary in accordance with the contractual acceptance provisions. Installation and individual meter commissioning are outside the scope of this procurement and therefore do not postpone the commencement of the warranty period. No separate maximum warehouse-storage period is established for warranty purposes. Until installation, the meters shall be stored in their original packaging and under the environmental and storage conditions specified by the manufacturer. Damage resulting from improper storage or handling by the DSOs would not be considered a warranty defect.

6. Points to be reflected through amendment / clarification

Arising from the review of the solicitation documents and the questions received, the following points will be addressed through formal clarification and/or amendment published in Quantum. Their inclusion here is for transparency; only the versions issued through the portal are binding.

Ref	Point amended / clarified	Amendment
Terms of reference	Scope section	The Bidder's HES-related requirement shall be limited to manufacturer HES functionality/module, testing environment or equivalent integration tools needed for onboarding, FAT, sample testing, DLMS/COSEM/OBIS mapping checks, firmware-management demonstration and interoperability testing of the supplied equipment. This testing/integration support shall be delivered under the contract, without separate licence fees, and shall cover all meters and/or data concentrators supplied under the respective lot. Data model details and security-sensitive configuration information will be provided only to the awarded Bidder(s), as applicable, during implementation. Installation and site works, including the operational HES/MDM and meter data management platforms, are excluded from this procurement. A permanent HES/MDM platform for both DSOs has been procured under a separate process and is being deployed by Cuculus (ZONOS solution). Accordingly, bidders are not required to provide an operational HES/MDM, but the awarded supplier(s) shall provide the documentation, samples, configuration information and technical support necessary for FAT and integration with the selected permanent HES/MDM provider. Permanent operational HES/MDM is procured separately. LOT 1 and LOT 2 suppliers provide only the testing/integration tools, open interfaces, documentation and support needed for onboarding, FAT/SAT and interoperability verification, without separate licence fees. The Moldova Reference Smart Meter Data Model and Reference DLMS/COSEM AMI Profile v2.0 are made available to all bidders. As-is gaps are declared with the bid; mandatory project adaptations are completed before FAT; final DSO/HES/MDM settings and keys are completed before or during SAT.
SM-12 (TC)	Minimum / starting current – transformer-connected	Accuracy reference for the TC column anchored to the class required under SM-08 (Class 0,5S, IEC 62053-22), so that the starting/minimum current values follow from the required class rather than a different one. Revised reading of amended parameter: The meter shall ensure a starting current (I_{st}) $\leq 0.2\%$ of I_n and maintaining the applicable accuracy limits down to a minimum current (I_{min}) $\leq 2\%$ of I_n.
SM – 10	Reference/basic current	SM-10 wording to be amended from 'Minimum 5 A' to '5 A' for direct-connected meters. For transformer-connected meters, the CT secondary current shall remain 5 A nominal. Bidders shall state the exact I_b/I_{ref} or I_n values, as applicable.
Annex 1.1 SM-45 SM-52 / Appendix A	Mechanical and connection requirements	Add DSO reference meter envelopes, fixing ranges, conductor-capacity requirements, transparent/sealable terminal cover, functional connection diagrams and mechanical drawings. Equivalent effective designs and the physical cabinet fit-test path are accepted where expressly stated, so installation compatibility is ensured without unnecessarily restricting competition.

Ref	Point amended / clarified	Amendment
Annex 1.1 SM-55 SM-64 SM-68; Annex 1.2 GEN-06 SEC-02 SEC-08	Data model and cybersecurity alignment	Use DLMS/COSEM Security Suite 0 with AES-GCM-128 as the minimum meter-side project baseline; Suite 1 or stronger is acceptable where compatible. The Moldova Reference Data Model is a target project profile, not a requirement for full native compliance at bid stage. Standard documented equivalents and agreed firmware/configuration adaptation are accepted. STG 4.0 is not a separate mandatory LOT 2 certification requirement.
Annex 1.1 SM-77 SM-79; Annex 1.2 NET-05 ACC-01 ACC-03	Cross-vendor interoperability, FAT and SAT	Pre-award samples, if requested, verify the offered as-is baseline. FAT verifies final mandatory adaptations and cross-vendor meter/DC operation. SAT verifies final DSO parameters and end-to-end operation with the permanent HES/MDM. LOT 2 SAT support is required at one representative transformer station per DSO (two sites in total).
Annex 1.1 SM-77-SM-79; Annex 1.2 NET-05 / ACC-01-ACC-03	Cross-vendor interoperability, FAT and SAT	Pre-award samples, if requested, verify the offered as-is baseline. FAT verifies final mandatory adaptations and cross-vendor meter/DC operation. SAT verifies final DSO parameters and end-to-end operation with the permanent HES/MDM. LOT 2 SAT support is required at one representative transformer station per DSO (two sites in total).
Warranty clarification / LOT 1 and LOT 2	Warranty start and replacement	The 36-month warranty starts from formal acceptance of the equipment delivered under the contract, not from later individual installation. Defective meters and data concentrators shall be replaced at no additional cost within 30 calendar days from written notification. Spare stock and logistics may be organised from any location, provided the deadline is met.
Annex 2.1	Technical Responsiveness Table	Technical responsiveness is stated only as YES or NO. No PARTIAL category applies. Where Annex 1.1 or Annex 1.2 expressly permits an adaptation before FAT or during SAT, YES is acceptable only with the required as-is evidence and a binding commitment to complete the adaptation by the stated milestone.
Reference documents / submission deadline	Publication and time extension	Publish to all bidders: MD Meter Communication Interfaces, Rev. 1.0; MD Project Object Model, Rev. 1.0; MD Events, Errors, Alarms and AMR Profile Status Code, Rev. 1.0; and Reference DLMS/COSEM AMI Smart Meter COSEM Profile for Communication Interfaces v2.0. Extend the bid submission deadline until 2 September 2026, 16:30 (Moldova time).

Closing

Bidders were reminded that all further questions must be submitted through the Quantum messaging functionality no later than 5 days before the deadline, and that the minutes, the presentation and any amendments will be published on Quantum, UNDP Moldova tenders, UNDP Procurement Notices and UNGM.