



16 JUL 2026

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Date

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Ref .No

For all interested bidders

Clarification Response # 2

Ref: Work Design, Supply, Installation, Construction, Distribution, Connection, Testing, Commissioning, Training, and one-year (12) Months of Operation and Maintenance (O&M) of Solar PV Mini-Grid Systems

Subject: Response to Requests for Clarification

Dear Sir/Madam,

With reference to the above-mentioned procurement, the Ministry of Water and Energy has received requests for clarification from prospective bidders. The Ministry hereby provides the following responses to the requests for clarification.

Request for Clarification #. 1. The Bid Data Sheet/Cover Page specify 12 months O&M period, while the Schedule of Requirements indicates 5 years of maintenance/after-sales service. Kindly confirm the applicable O&M period for pricing.

Response to Clarification: The Operation and Maintenance / after-sales service period to be considered for the bid shall be **1 (One) year**.

Bidders shall therefore include in their financial and technical offers the full cost and scope of the required Operation and Maintenance / after-sales services for a period of one year. Therefore, the previous clarification no. 17 is rejected and replaced by this clarification response.

Request for Clarification #.2 The Bid Data Sheet states price adjustment is not allowed, while the SCC includes a price adjustment formula. Kindly clarify whether price adjustment applies.

Response to Clarification: The Special Conditions of Contract shall apply. Accordingly, the treatment of price adjustment shall be governed by the provisions included in the Special Conditions of Contract. Any final alignment or formal amendment to the contract conditions, if required, shall be addressed during the contract finalization stage with the successful Bidder, in accordance with the bidding documents.

Request for Clarification #. 3. The Bid Data Sheet requires local costs in USD but does not clearly define foreign cost currency treatment. Kindly clarify the currency requirements for local and imported components.

Response to Clarification: For bid evaluation and comparison purposes, local and foreign currency components shall be treated using the official exchange rate published by the National Bank of Ethiopia on the date of bid opening.



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Addis Ababa - Ethiopia

2023

Request for Clarification #. 4. Lot 1 specifies 172 kWp PV with an 80 kW inverter (DC:AC $\approx$ 2.15), while lots 2 and 3 have ratios of approximately 1.5. Kindly confirm the correctness of the Lot 1 inverter sizing.

Response to Clarification: The Lot 1 inverter sizing indicated in the bidding documents is confirmed.

The PV and inverter capacities indicated in the bidding documents shall be understood as minimum technical requirements and baseline design parameters. The resulting DC/AC ratio shall therefore not be considered as a mandatory fixed ratio or as a maximum limit.

Any proposed optimization shall be duly justified through the technical design, energy yield assessment, load profile analysis, battery integration strategy, and protection design and efficiency calculations. In all cases, the proposed configuration shall remain fully compliant with the technical specifications and shall not reduce the minimum required PV capacity, battery capacity, discharge power, reliability, safety or operational performance of the system.

Request for Clarification #.5. Kindly confirm whether bidders must strictly follow the specified system configuration, or whether technical optimization is allowed, provided the Employer's performance and technical requirements are met.

Response to Clarification: Technical optimization is allowed, provided that the proposed solution complies with all minimum technical requirements and performance specifications set out in the bidding documents. The minimum PV capacity, inverter / AC output capacity, battery capacity and other sizing parameters indicated in the bidding documents shall not be reduced. Any proposed optimization shall ensure equal or improved performance, reliability, safety and service quality, and shall be clearly justified in the Bidder's technical proposal.

Request for Clarification #.6. Please confirm the available space for technical rooms, including the powerhouse/container, battery area, inverter area, and monitoring area.

Response to Clarification: Suitable areas for the PV plant and technical room / powerhouse were identified during the initial field mission and are described in the relevant sections of the Mini-grid Pilot Plan / Feasibility Study attached to the bidding dossier.

These areas shall be considered as preliminary locations identified on the basis of the initial site assessment. Their final suitability, dimensions and layout, including the space required for the powerhouse/container, battery area, inverter area, monitoring area and related auxiliary equipment, shall be verified and confirmed by the Contractor during its site assessment and detailed design stage.

Bidders shall therefore refer to the Mini-grid Pilot Plan / Feasibility Study for the preliminary areas identified and shall include in their technical proposal any assumptions made regarding the final layout and space requirements.



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Request for Clarification #.7. Please confirm whether house metering is included in the bidders' scope.

Response to Clarification: Yes. House metering is included in the Bidders' scope. As stated in the bidding documents, the Contractor's scope includes household, small business, anchor load and public infrastructure connections up to the distribution board, including protections and metering solution. The bidding documents also include technical requirements for the electricity meters.

Bidders shall therefore include the supply, installation, testing and commissioning of the required metering solution for end-user connections in their technical and financial proposals, in accordance with the technical specifications and applicable standards.

Request for Clarification #.8. The technical requirements state a minimum BESS capacity of 282 kWh for Lot 3, while the summary table and the Serba Bill of Quantities indicate 286 kWh. Kindly confirm which value governs for design and evaluation purposes.

Response to Clarification: For Lot 3 — Serba, the minimum BESS capacity governing for design, pricing and evaluation purposes shall be 286 kWh.

Any inconsistent reference to a lower value in the bidding documents shall be considered superseded by this clarification. Bidders shall therefore base their technical and financial proposals for Lot 3 on a minimum BESS capacity of 286 kWh.

Request for Clarification #.9. Please confirm whether the minimum BESS capacities stated for each lot (668 / 247 / 286 kWh) refer to nominal installed capacity or usable capacity at a specified depth of discharge. If usable, kindly state the reference DoD and end-of-life criteria.

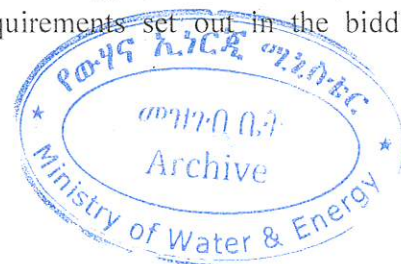
Response to Clarification: The minimum BESS capacities stated for each lot, i.e.: 668 kWh for Lot 1, 247 kWh for Lot 2, and 286 kWh for Lot 3, refer to the minimum nominal installed capacity of the BESS, and not to the usable capacity.

The reference Depth of Discharge shall be at least 80%, in line with the technical requirements. Bidders shall clearly state in their technical proposal the nominal capacity, usable capacity, applicable DoD, battery operating limits, expected degradation, warranty conditions and end-of-life capacity retention assumptions proposed by the manufacturer. The BESS specifications indicate LiFePO4 technology and a DoD requirement of at least 80%.

Request for Clarification #.10. Please confirm that Lithium Iron Phosphate (LiFePO4/LFP) batteries are acceptable as compliant Lithium-Ion technology for all lots.

Response to Clarification: Yes. Lithium Iron Phosphate batteries, also referred to as LiFePO4 or LFP, are acceptable and shall be considered compliant Lithium-Ion battery technology for all lots.

The proposed battery system shall in any case comply with all applicable technical, safety, certification, performance, environmental and warranty requirements set out in the bidding documents.



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Request for Clarification #.11. BDS ITB 1.4 states the bidder must meet the qualification requirements for each lot. Kindly confirm whether the specific experience thresholds (one project not less than USD 450,000, or two not less than USD 225,000, or three not less than USD 150,000) may be satisfied by the same reference projects across all lots bid, or whether separate references are required per lot.

Response to Clarification: The qualification requirements shall be evaluated separately for each lot in accordance with BDS ITB 1.4.

For the **Specific Experience** requirement, the same completed reference project(s) may be used to demonstrate compliance for more than one lot, provided that the submitted reference project(s) satisfy the minimum experience requirement specified for each lot. Separate reference projects are **not** required for each lot unless expressly stated in the Bidding Document.

However, where a bidder submits bids for multiple lots, the bidder must independently satisfy the qualification requirements applicable to each lot, including the Average Annual Construction Turnover and any other financial capacity requirements specified for each lot. In addition, the Employer will verify that the bidder possesses sufficient financial, technical, equipment, and personnel resources to execute all lots for which the bidder may be awarded contracts simultaneously.

Where different turnover requirements are specified for different lots, the bidder shall demonstrate compliance with the applicable turnover requirement for each lot. If the bidder is recommended for award of multiple lots, the Employer will assess the bidder's overall capacity to perform all such contracts concurrently in accordance with the qualification criteria and the provisions of the Bidding Document.

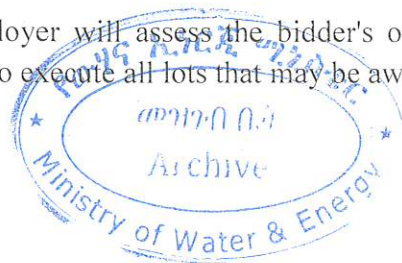
Request for Clarification #.12. Similarly, please confirm whether the annual turnover requirement and the liquid assets requirement (USD 50,000) apply per lot or in aggregate when bidding for multiple lots.

Response to Clarification: Please confirm whether the Average Annual Turnover requirement and the Liquid Assets requirement (USD 50,000) apply per lot or in aggregate when bidding for multiple lots.

The qualification requirements shall be evaluated separately for each lot in accordance with BDS ITB 1.4.

Accordingly, the bidder shall demonstrate compliance with the Average Annual Turnover requirement specified for each individual lot for which it submits a bid. Likewise, the bidder shall satisfy the Liquid Assets requirement applicable to each lot.

Where a bidder submits bids for multiple lots, the Employer will assess the bidder's overall financial capacity to ensure that it has sufficient resources to execute all lots that may be awarded



simultaneously. This assessment will consider the cumulative financial obligations arising from the lots recommended for award and the bidder's demonstrated financial capacity, in accordance with the qualification requirements and the provisions of the Bidding Document.

Therefore, the turnover and liquid assets requirements are not assessed as a single aggregate qualification for all lots. Rather, the bidder must satisfy the qualification requirements applicable to each lot, and, if considered for award of multiple lots, must also demonstrate sufficient overall financial capacity to perform all awarded contracts concurrently.

Request for Clarification #.13. Where a bidder is awarded more than one lot, please confirm whether the same key staff matrix may serve across lots, or whether dedicated teams are required per lot given the 300-day concurrent implementation period.

Response to Clarification: The qualification requirements shall be evaluated separately for each lot in accordance with BDS ITB 1.4.

A bidder may nominate the same key personnel in its bids for multiple lots. However, if the bidder is considered for the award of more than one lot, the Employer will assess whether the proposed key personnel have sufficient availability and capacity to perform all awarded contracts concurrently within the specified implementation period.

Where the same individual is proposed for multiple lots and the Employer determines that the concurrent execution of the contracts would not permit that individual to effectively perform the required duties on all lots, the bidder shall demonstrate the availability of additional qualified personnel with qualifications and experience that meet or exceed the requirements of the Bidding Document.

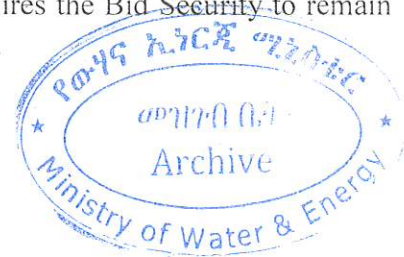
Accordingly, dedicated teams for each lot are not mandatory at the bidding stage, provided the bidder demonstrates that sufficient qualified personnel will be available for the simultaneous execution of all lots that may be awarded. The Employer reserves the right, during post-qualification and prior to contract award, to verify the bidder's overall personnel capacity for concurrent contract implementation.

Request for Clarification #.14 The Invitation states that the Bid Security shall remain valid for "148 (One Hundred Twenty-Eight) days." Kindly confirm the required validity period.

Response to Clarification: The Employer confirms that the required Bid Security validity shall be: One Hundred Forty-Eight (148) calendar days from the deadline for submission of bids.

The wording "One Hundred Twenty-Eight" appearing in the Invitation to Bid is a typographical error and is hereby corrected.

This clarification is consistent with ITB Clause 21.2, which requires the Bid Security to remain valid for 28 days beyond the Bid Validity Period.



Request for Clarification #.15 Currencies and Payment. Please clarify the currency of bid pricing and payment, applicable exchange rate, and payment milestones.

Response to Clarification: Bids shall be submitted in United States Dollars (USD). For the treatment of local and foreign currency components, the applicable exchange rate shall be the official exchange rate published by the National Bank of Ethiopia on the date of bid opening, unless otherwise formally amended by the Contracting Authority.

The payment milestones and payment terms shall be those set out in the bidding documents and resulting contract, including any clarifications or addenda issued by the Contracting Authority.

Request for Clarification #.16 The BDS indicates that inputs from inside Ethiopia shall be quoted in USD, while ITB Clause 35 provides for conversion into ETB. Kindly clarify the currency in which domestic bidders shall quote the Bill of Quantities.

Response to Clarification: Bidders shall prepare their financial proposals strictly in accordance with the currency provisions specified in the Bid Data Sheet.

For evaluation purposes, where different currencies are quoted, all prices shall be converted into Ethiopian Birr (ETB) in accordance with ITB Clause 35 using the applicable National Bank of Ethiopia selling exchange rate specified in the Bidding Document. No change is made to the currency provisions of the Bidding Document.

Request for Clarification #.17 The Invitation to Bid indicates a Bid Validity of 128 days, while the Bid Security validity appears to imply a Bid Validity of 120 days. Kindly confirm the applicable Bid Validity.

Response to Clarification: The Employer confirms that the required Bid Validity Period is: One Hundred Twenty (120) calendar days from the deadline for submission of bids.

The Bid Security shall remain valid for 148 calendar days, in accordance with ITB Clause 21.2, which requires the Bid Security to remain valid for twenty-eight (28) days beyond the Bid Validity Period. The reference to 128 days in the Invitation to Bid is hereby corrected through this Addendum.

Request for Clarification #.18. BOQ items D.1.2 (Logistics, 15%), D.1.3 (Import duties, 20%), D.1.4 (VAT, 15%) and D.1.5 (Contingencies, 15%) are expressed as percentages. Kindly confirm the base amount to which each percentage applies, and whether these percentages are fixed by the Employer or to be priced by the bidder.

Response to Clarification: The percentages indicated in the BOQ for logistics, import duties, VAT and contingencies are indicative only and are intended to guide Bidders in understanding the expected cost structure.



They shall not be considered fixed percentages imposed by the Employer, unless expressly stated otherwise in an official addendum. Bidders shall price these items based on their own cost assessment, logistics strategy, import route, applicable tax treatment, contractual assumptions, risk assessment and commercial offer.

Bidders shall clearly state the basis used for calculating these items and shall ensure that the submitted price is complete, consistent and sufficient to cover all obligations under the contract.

Request for Clarification #.19. Kindly advise whether a Pre-Bid Conference and site visits will be convened pursuant to ITB 10, and any security or access protocols applicable to the project locations, particularly Tirawunberta Woreda (Tigray) and Lalo Kile Woreda (Oromia), to enable accurate mobilisation and logistics planning.

Response to Clarification: site visit is strongly recommended, as it is important for Bidders to properly understand the intervention context, site-specific constraints, access conditions, logistics requirements, security considerations, local stakeholder environment and any other relevant technical or operational aspect.

Unless otherwise formally communicated by the Contracting Authority, Bidders may organize site visits independently and at their own cost, responsibility and risk, in compliance with applicable local rules, security requirements and access protocols.

Bidders are encouraged to carefully assess transport routes, road conditions, access limitations, security constraints, availability of local services, accommodation, storage areas, construction logistics, and any constraints relevant to delivery, installation and future maintenance.

Any site information included in the bidding dossier shall be considered preliminary and shall not replace the Bidder's responsibility to assess the actual conditions on the ground.

Request for Clarification #.20. In the Fudus Bill of Quantities, the quantities for items B.3.6 (Solar Home Systems) and B.3.7 (LED streetlights) are partially obscured by a stamp in the issued document. Kindly confirm the correct quantities.

Response to Clarification: The correct quantities for items B.3.6 is 51 and B.3.7 is 32

Request for Clarification #.21. The Invitation states that qualifying projects must be at least 70% completed (local contractors), evidenced by final approved payment certificates and employer testimonials. Kindly confirm that projects which are substantially (70%+) but not fully completed are acceptable for qualification purposes.

Response to Clarification: Yes. Projects that are substantially completed, meaning at least 70% completed, may be accepted for qualification purposes, provided that the Bidder submits adequate documentary evidence.

Such evidence may include employer testimonials, interim or final approved payment certificates, interim acceptance certificates, progress certificates, client confirmations, or other verifiable documentation demonstrating the scope, value, completion percentage and satisfactory execution of the referenced project.



The Contracting Authority reserves the right to verify the submitted references with the relevant employer or contracting authority.

Request for Clarification #.22. The Schedule of Requirements (Section D, List of Drawings) references “Annex B — First electrical network design project” for each of Fudus, Harey and Serba as illustrating the layout and technical details of the distribution lines, and the EnGreen srl Ready Board circuit diagrams. These drawings are not contained in the issued 223-page bidding document, and the drawings-inspection address is stated as “N.A.”. Kindly issue the Annex B network design files (site layout, plant location, line routing, pole schedule and household mapping) for all three lots to all bidders.

Response to Clarification: The drawings and technical documentation available to Bidders are included in the bidding dossier and its attachments.

In particular, the circuit diagrams for the ready boards are included in Annex A, while the preliminary distribution line drawings are included in Annex B. If any Bidder has not received these annexes as part of the issued bidding package, this shall be brought to the attention of the Contracting Authority and the relevant documents shall be made available to all Bidders, where applicable, through the official procurement channel.

Bidders are reminded that such drawings and technical documents are preliminary and are intended to provide an initial reference only. The final site layout, plant location, distribution line routing, pole positioning, household mapping and detailed engineering design shall be verified and finalized by the Contractor during the site assessment and detailed design stage, based on actual site conditions.

Request for Clarification #.23. Kindly provide, for each site: (a) GPS coordinates of the proposed plant location; (b) the distance and condition of the access route from the nearest all-weather road; and (c) any known constraints for delivery of 40 ft containers, given that item A.3.1 (land clearing and access road preparation) forms part of the lump-sum scope.

- **Serba:** 9.003202, 35.312344
- **Fudus:** 13.625448, 39.635867
- **Harey:** 10.176377, 41.839107

These coordinates shall be considered indicative only and are provided as a preliminary reference for the preparation of the technical proposal.

The final location of the PV plant, technical room, BESS, powerhouse, distribution line routing and main equipment shall be verified and confirmed by the Contractor during the site assessment and detailed design stage, based on actual site conditions, stakeholder consultations, land-use constraints, access conditions, logistics requirements and applicable technical standards.

With respect to access routes, road conditions and constraints for delivery of 40 ft containers, Bidders are strongly encouraged to carry out a site visit and to independently verify all relevant logistics constraints. The Contractor shall be responsible for ensuring that the proposed logistics,



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site preparation, access road arrangements and delivery methodology are suitable for the selected technical solution.

Request for Clarification #24. Kindly share the demand assessment or feasibility data underlying the connection quantities (households, businesses and institutions per site, and anticipated load profile), to enable accurate generation sizing and demand-driven design as required by the evaluation criteria.

Response to Clarification:

Bidders are reminded that the initial information provided in the bidding documents shall not be considered as a fixed, final, or exhaustive representation of the actual demand conditions at the sites. The initial demand profiles and assumptions were developed on the basis of previous partial assessments and may require verification, updating or correction in light of the current conditions on the ground.

Accordingly, as stated in the bidding documents, the Contractor is required to perform the design of the mini-grids based on the initial information provided by UNDP. Since the initial information may not be comprehensive or updated, or where the initial information is considered by the Contractor to be insufficient or incorrect, the Contractor is not only entitled, but also expected and encouraged to verify and update such information through specific field and desk assessments.

For this reason, Site Assessment, Feasibility Study and Energy Demand Profiling are included within the scope of the assignment and are also considered as part of the technical evaluation criteria. Bidders shall therefore review and confirm the assumptions used in the feasibility study, including customer categories, number of facilities, projected loads, growth rate, connection rate, sizing assumptions, load profile, appliance use, daily use patterns, surge loads, productive- use demand and expected demand evolution.

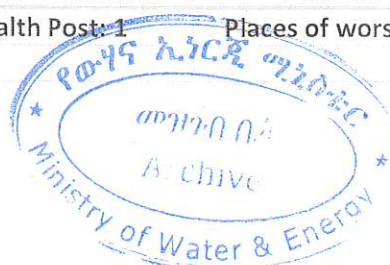
All assumptions, calculations, load allocation criteria, diversity factors, peak demand estimates and demand growth projections used for the design shall be clearly stated and justified in the technical proposal. Annex C expressly states that the initial data is provided by UNDP as a basis for the design and that the Contractor may verify it if considered insufficient or incorrect.

SERBA (Oromia)

Village	Households	Small Business	Anchor Loads
Serba	340	35	5
Total	340	35	5

Facilities data from stakeholder consultation

Village	Schools	Health Centres	Others
Serba	Primary school: 6	Health Post: 1	Places of worship: 6



Total

6

1

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List of business activities

Customer group	Total (n°)
Retail shop	20
Bar /Restaurant	1
Pharmacy	-
Brewery	-
Hairdressers/barbers	13
Butcher shop	-
Secretariat	2
Mechanic	-
Weldin workshop	-
Carpentry workshop	-
Tailoring workshop	-
Cinema Hall	-
Slaughterhouse	-
Total Small Business Activities	36
Mills	5
Total Anchor Loads	5
Total Business Activities	41

HARREY

Customer group's main figures

Village	Households	Small Business	Anchor Loads
Harey	275	25	0
Total	275	25	0

Table 1: Facilities data from stakeholder consultation

Village	Schools	Health Centres	Others
Harey	Primary school: 1	Health Post: 1	Places of worship: 1
Total	1	1	1

List of business activities

Customer group	Total (n°)
Retail shop	10
Bar /Restaurant	10
Pharmacy	1



Brewery	-
Hairdressers/barbers	1
Butcher shop	-
Secretariat	-
Mechanic	3
Weldin workshop	-
Carpentry workshop	-
Tailoring workshop	-
Cinema Hall	-
Slaughterhouse	-
Total Small Business Activities	25
Mills	-
Total Anchor Loads	0
Total Business Activities	25

FUDUS

Customer group's main figures

Village	Households	Small Business	Anchor Loads
Fudus	760	67	mills: 4
Total	760	67	4

Facilities data from stakeholder consultation

Village	Schools	Health Centres	Others
Fudus	Primary school: 1	Health Post: 1	Places of worship: 4
Total	1	1	4

List of business activities

Customer group	Total (n°)
Retail shop	15
Bar /Restaurant	31
Pharmacy	1
Brewery	15
Hairdressers/barbers	-
Butcher shop	3
Secretariat	-
Mechanic	-
Weldin workshop	-
Carpentry workshop	-
Tailoring workshop	2



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Cinema Hall	-
Slaughterhouse	-
Total Small Business Activities	67
Mills	4
Total Anchor Loads	4
Total Business Activities	71

Request for Clarification #.25. The Fudus Bill of Quantities shows 892 units for items B.3.1, B.3.2 and B.3.4, while the Ready Board line (B.3.5) appears as 893 in the Schedule of Requirements. Kindly confirm the correct consistent quantity.

Response to Clarification: For the purpose of bid preparation, design and pricing, Bidders shall adopt the higher quantity of 893 units wherever the inconsistency affects the same connection group or related household/customer installation items.

This approach is intended to ensure that the proposed offer is complete and that all required connections and related components are adequately covered. Any lower quantity appearing elsewhere in the BOQ or Schedule of Requirements shall be deemed superseded by this clarification for the affected items.

A. Support Structure & Site Conditions

Request for Clarification #.26 Geological Studies: Could the Ministry please clarify whether the responsibility for conducting site-specific geological and geotechnical studies lies with the employer (the Ministry) prior to site handover, or if this scope must be fully priced and executed by the contractor?

Response to Clarification: As indicated in the Technical Specifications, the Contractor shall be responsible for carrying out the site investigation activities required for the final design and execution of the Works, including topographical condition surveys, geotechnical condition surveys, resistivity measurements and grounding values. Bidders shall therefore include in their technical and financial offers all activities, resources and costs required to perform the necessary site-specific investigations and surveys, to the extent required for the proper design and execution of the support structures, foundations, anchoring systems, earthing system, technical room / powerhouse and related civil works.

Request for Clarification #.27 Design Wind Speed: Please specify the maximum design wind speed (in m/s or km/h) that the solar panel support structures must be engineered to withstand based on local meteorological standards.

Response to Clarification: As indicated in the Technical Specifications, the PV support structures shall be designed to withstand the applicable local wind loads and environmental conditions. For design purposes, the bidding documents indicate a maximum wind pressure of up to 200 kg/m², corresponding to wind speeds of approximately 160-180 km/h in



exposed areas. The final structural design shall be based on the applicable local meteorological conditions, site exposure, geotechnical conditions and relevant national and international standards.

Request for Clarification #.28 Anti-Rust Treatment: The specifications mention an anti-rust layer. Please clarify if the contractor is required to apply a second anti-rust layer on-site after the physical installation/assembly of the support frames is complete.

Response to Clarification: Yes. If steel support frames are proposed, the Contractor shall comply with the anti-rust treatment specified in the Technical Specifications.

Steel frames shall be cleaned of rust and grease and shall receive an anti-rust primer at the base. The second anti-rust layer shall be applied after installation, followed by two coats of alkyd (glycerol) paint.

The Contractor shall ensure that the corrosion protection system is properly applied and remains Continuous and effective after transport, assembly and installation, including on any damaged, Cut, drilled, welded or exposed surfaces.

Request for Clarification #.29 Water tightness Definition: Regarding the support frames, please define the expected scope and standard of "water tightness." Does this refer to the sealing of gaps between adjacent solar panels to protect underlying equipment, or does it apply strictly to the ADV_P063_AMP Ethiopia_Tender_260710_1 3structural junctions and anchor points?

Response to Clarification: The requirement on water tightness / waterproofing shall be understood as referring to the proper protection of the support structures, foundations, anchoring points, structural junctions and any underground or water-exposed civil works against water ingress, dampness, prolonged water exposure and related deterioration.

It does not require the sealing of gaps between adjacent PV modules to create a watertight roof or to protect underlying equipment, unless such a specific solution is proposed by the Bidder and justified in its design.

The Contractor shall ensure that the support structures, foundations, anchor points and related civil works are designed and executed in accordance with applicable waterproofing, damp proofing, drainage and civil works standards, including suitable management of rainwater runoff and prevention of water accumulation around the PV support structures and foundations.

B. Metering & Communication

Request for Clarification #.30 Billing Data Protocol: Where the specifications state that automated or remote data transmission is not required, please clarify the expected alternative procedure for billing communications. Should the system accommodate manual data downloading via a local physical interface (e.g., RS485, USB, Optical port), or is a standard visual register reading on the meter display sufficient?



Response to Clarification: As indicated in the Technical Specifications, automated or remote data transmission is not required for the electricity meters.

As a minimum requirement, the meters shall be provided with a display allowing local reading of the relevant billing and consumption data. Therefore, standard visual register reading on the meter display is considered sufficient, provided that the proposed prepayment metering system is compatible with the system currently used in Ethiopia by the national grid concessionaire and complies with the applicable IEC standards. Bidders may propose meters with additional local data access interfaces, such as RS485, USB, optical port or equivalent, where available and technically justified; however, such interfaces are not mandatory unless required by the proposed metering system architecture.

C. Omission of Land Clearing

Request for Clarification #.31 Price form and BoQ: We noted a discrepancy between the Price Form and the main Bill of Quantities (BoQ). The item for "Land Cleaning and Preparation" is listed in the Price Form but has been entirely omitted from the BoQ. Could the Ministry please clarify if this item should be integrated into the BoQ, and if so, under which specific section or item number we should price it?

Response to Clarification: The item "Land Cleaning and Preparation" corresponds to the BoQ item "Land clearing and access road preparation" included under the Plant Facilities section.

Bidders shall therefore price the required land cleaning, clearing of the PV plant area, removal of obstacles and vegetation, ground preparation and access road preparation under this BoQ item.

No additional separate BoQ item is required unless otherwise formally amended by the Contracting authority. Bidders intending to conduct site visits shall coordinate with the Employer in advance to facilitate access to the project locations. All costs and risks associated with site visits shall be borne by the Bidder.

This explanation is provided to offer additional context for those interested in the auction process. It is hoped that this will be the first occasion on which the Conservative Party is able to fully deliver on its commitments.

CC:

- Office of the Minister, MoWE
- State Minister, Energy Sector
- Chief Executive Management Office
- LEO, Rural Energy Development and Technology Promotion
- Procurement Executive Officer
- National Child Project under the Africa Mini grids Program Ethiopia

Ministry of Water and Energy



Yours sincerely,


Mehendis Melaku Atalay
Procurement Executive Officer