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**MINISTRY OF WATER AND ENERGY**

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ቀን 17 8 DEC 2025  
Date

ቁጥር MOWEOL/1621/18  
Ref. No.

To: All Bidders

Ref. Procurement of Hydrological Telemeter Devices for 100 Observing Hydrological Stations and Installation of Equipment (Ref. No. ET-MOWE-520344-GO-RFB)

Subject: Response to requests for clarifications

The Ministry of Water and Energy (MoWE) acknowledges receipt of your clarification requests regarding the Request for Bids (RFB) for the Procurement of Hydrological Telemeter Devices for 100 Observing Hydrological Stations and Installation of Equipment, Ref. No. ET-MOWE-520344-GO-RFB.

We express our appreciation for the careful review of the RFB documents and for seeking clarification to ensure responsive and compliant bids. Accordingly, we have reviewed the requests for clarification and forwarded our response to each requested clarifications in matrix table attached here below. These responses shall be considered integral to the RFB and apply to all bidders equally.

These consolidated responses are issued to ensure clarity, fairness, and uniform interpretation of the RFB. All bidders are required to prepare their bids in full compliance with the original RFB and with the clarifications provided herein attached below.

Finally, please note that the deadline for submission of the bid is on January 13, 2026 at 10:00AM and will be opened on the same day January 13, 2026 at 10:30AM. Other things in the Request for Proposals remain the same.

We appreciate your interest in supporting Ethiopia's hydrological monitoring and flood management capabilities.



With Best Regards,

Minister Advisor to The  
Minister

CC.

- Office of the Ministry of Water and Energy
- Water Resource Management Stream, State Minister
- Chief Executive Office
- Procurement Executive Office
- Ethiopian Flood Management Project -Management Unit (PMU)
- E-FMP Procurement Team

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**OUR WATER RESOURCES FOR PROSPERITY**

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Addis Ababa - Ethiopia

## Consolidated Clarifications and Responses

### A. COMMERCIAL & PROCUREMENT PROVISIONS

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
A1.1	ITB 37.1 – Domestic Preference	Does domestic preference apply to Ethiopian bidders or goods? What is the percentage? Do JVs qualify?	Domestic preference applies <b>only to eligible goods manufactured in Ethiopia</b> , irrespective of bidder nationality or JV structure. Ethiopian bidders or JVs do not qualify unless the goods are manufactured in Ethiopia. The evaluation margin shall be applied strictly in accordance with the <b>World Bank Procurement Regulations and the RFB</b> .

### B. DOCUMENTATION & TRAINING

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
B1.1	Section 4 – Manuals in English & Amharic	Can manuals be submitted after contract award?	Manuals and documentation in <b>English and Amharic</b> shall be submitted <b>during implementation</b> , prior to commissioning, SAT, and final acceptance.
B1.2	Section 6 – Factory Training (10 staff)	Who bears airfare, visa, accommodation, DSA, and local transport costs?	<b>All factory training-related costs</b> (airfare, visas, accommodation, meals, local transport, and daily allowances) shall be <b>borne by the Supplier</b> and included in the <b>Contract Price</b> .
B1.3	Related Services – On-site Training	One site or multiple sites? Who covers logistics?	Two (2) on-site training sessions shall be conducted at <b>two sites designated by MoWE</b> . MoWE provides venue, power, and internet. The Supplier provides trainers, training materials, and manuals only.



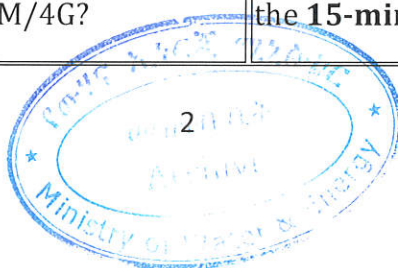


### C. TECHNICAL SPECIFICATIONS – EQUIPMENT

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
C1.1	Section 4 – Enclosure Protection	Can IP66 be accepted instead of IP68?	<b>No. IP68 is mandatory.</b> No deviations are permitted.
C1.2	BOQ TS-05 – Telemetry	Is satellite compatibility sufficient?	<b>No.</b> The Supplier shall provide a <b>fully functional satellite backup communication module</b> .
C1.3	Satellite Transmitter	Request for specifications and protocol	Satellite communication shall comply with <b>standard telemetry protocols</b> using <b>secure TCP/IP or equivalent</b> , fully compatible with MoWE's system.
C1.4	Earth Receiving Station (ERS)	Must ERS be supplied by the bidder?	MoWE already operates an <b>installed and operational ERS</b> . The Supplier shall ensure compatibility only.

### D. SATELLITE BACKUP COMMUNICATION

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
D1.1	Section 5 / BOQ – Satellite Backup	Required for all stations or selected sites?	<b>Satellite backup is required for all 100 stations</b> , as specified in the BOQ.
D1.2	Communication Mode	Continuous or failover?	Satellite communication shall operate in <b>failover mode only</b> , activated when GSM/4G is unavailable.
D1.3	Data Transmission Interval	Same interval as GSM/4G?	Yes. Satellite transmission shall follow the <b>15-minute interval</b> .



D1.4	Recurring Service Fees	Who pays ongoing satellite airtime fees?	<b>Recurring communication service fees shall be borne by MoWE.</b>
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#### E. VHF/UHF COMMUNICATION

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
E1.1	Equipment Verification List	Are VHF/UHF radios required?	<b>No.</b> VHF/UHF radios are <b>not required</b> and are not applicable to this procurement.
E1.2	Licensing	Who handles frequency licensing?	Not applicable, as VHF/UHF radios are not required.

#### F. MOBILE WORKSHOP & ENDURANCE TEST

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
F1.1	Mobile Workshop	What is required and who supplies it?	The <b>mobile workshop vehicle, tools, generator, and logistics</b> shall be <b>provided by MoWE.</b>
F1.2	Endurance Test	Is the 500 km test required by bidder?	<b>No endurance testing is required</b> from the Supplier.

#### G. AUXILIARY SENSORS

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
G1.1	BOQ – Auxiliary Sensors	Temperature only or combined?	<b>Combined Temperature and Humidity sensors</b> are required.
G1.2	Sensor Performance	Required accuracy?	Temperature <b>±0.3°C</b> ; Humidity <b>±2–3% RH</b> (or equivalent).



## H. CENTRAL RECEIVING SYSTEM & DATA MANAGEMENT

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
H1.1	Central Database	Must bidder supply a new system?	<b>No.</b> Supplier shall integrate with MoWE's existing database using <b>WaterML2, JSON, CSV, and ODM.</b>
H1.2	Integration Details	Can platform details be shared now?	APIs and security details shall be provided <b>to the awarded Supplier only.</b>

## I. WARRANTY

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
I1.1	Warranty Period	12 or 24 months?	<b>24 months for all supplied components.</b> SCC shall be corrected by addendum.

## J. SPARE PARTS

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
J1.1	Warranty Support	What spare parts must be stocked locally?	Supplier shall maintain <b>adequate local stock</b> of essential spare parts covering the 24-month warranty period.





## K. SENSORS, INSTALLATION & COMMISSIONING

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
K1.1	Water Level Sensors	Radar or pressure only?	<b>Both are mandatory:</b> 1 radar + 1 pressure sensor per station.
K1.2	Calibration	Factory or site calibration?	Factory calibration certificates required plus <b>on-site validation during SAT.</b>
K1.3	Civil Works	Is compound construction included?	<b>No.</b> Civil works are under a separate contract.

## L. PERFORMANCE & POWER REQUIREMENTS

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
L1.1	Trial Run	Can performance thresholds be relaxed?	<b>No.</b> $\geq 99\%$ uptime and $\leq 5$ -minute latency are mandatory.
L1.2	Power System	Must solar capacity be exact?	Stated values are <b>minimums</b> ; higher capacity is acceptable.

## M. BID SUBMISSION DEADLINE

Item	RFB Reference / Minimum Requirement	Clarification Request	MoWE Response (WB-Compliant)
M1.1	Submission Deadline	Can deadline be extended?	Bid submission date is extended to January 13, 2025.

