



27 APR 2026

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 Date

ቁጥር: MOWE07/2571/18
 Ref. No.

To: All Bidders
At Your Disposals,

Subject: Giving Response to Clarification.

Ref: Procurement of Supply and Installation of Solar Pumping System for 8 Rural Pipe Systems (RPS) & 1 CR-Project under the Climate Resilient Multi-Village Water Supply Projects, by the Ministry of Water & Energy (MoWE).

RFB Reference No.: ET-MOWE-532227-GO-RFB

Dear Bidder,

Reference has been made to the assignment advertised in the Ethiopian Herald Newspaper with the procurement name and reference number above motion. Therefore, please ensure that your competitive bid documents are prepared in accordance with the full bid document including the response given to your requested clarification. It is essential that all sections of your bid document reflect these changes to maintain compliance and competitiveness.

All other terms and conditions outlined in the original bid document remain unchanged and must be adhered to.

Please find attached with this letter, a 4 (Four) pages attachment providing a clarification response.

With Best Regards

CC:

- Office of the Minister
- Water Supply and Sanitation Sector State Minister
- Chief Executive Office, Management
- Procurement Executive Office
- One WaSH National Program, CWA-II PMU
- CWA-II PMU, Contract Management Team
- CWA-II PMU, Procurement Management Team

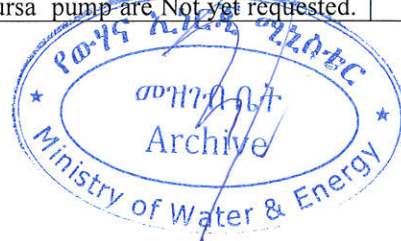
Ministry of Water and Energy



Ambassador Asfaw Dingamo (Ph D)
State Minister

Table 1: Response to Clarification Request.

| No | Clarification Requested | Response | Remark |
|----|--|---|--------|
| 1 | Registration The bid invitation published on Afrotender indicates that interested bidders should download the tender document from the official MoWE website and register “at the address below.” However, no clear registration method or portal is provided on the website. Kindly provide guidance on the appropriate procedure for completing bidder registration. | A complete set of bidding document in English by interested eligible bidders can be obtained free of charge from the Ministry’s Website https://www.mowe.gov.et/en/tenders and bidders shall also get registered at Ministry of Water and Energy, Haile Gebresilassie Avenue, 5 th floor, Room Number 508, Addis Ababa, Ethiopia. | |
| 2 | Solar Panel Specification (Item No. 1) The technical specification requires a 550 Wp polycrystalline solar panel. However, such panels are not commonly available in the current market. Furthermore, monocrystalline panels generally offer superior efficiency and performance. Please confirm whether monocrystalline panels may be proposed as an acceptable alternative. | The Requested is polycrystalline. Therefore, the bidders expected to supply polycrystalline | |
| 3 | DC Power Cable Conduit (Item No. 4) There is a discrepancy between the Bill of Quantities (BOQ) and the technical specifications: <ul style="list-style-type: none"> • BOQ specifies PVC conduit • Technical specifications require HDPE conduit Kindly clarify which material should be adopted. | The bidder is expected to offer according to the BoQ that is PVC conduit | |
| 4 | Solar Mounting Structure The specification calls for anodized aluminum mounting structures. However, galvanized steel (GS) structures are typically more robust and durable under similar operating conditions. Our proposed standard configuration includes: <ul style="list-style-type: none"> • 2.5-inch GS pipe (vertical supports) • 1.5-inch GS pipe (horizontal supports) • 40 × 40 × 3 mm angle iron (panel mounting) Please confirm whether this alternative is acceptable. If not, kindly provide detailed specifications for the required aluminum structure, including dimensions. | The bidders are expected to supply aluminum-mounting structures. Alternative not acceptable | |
| 5 | Site Information To enable accurate system design and logistical planning, kindly provide the following details for each site: <ul style="list-style-type: none"> • GPS coordinates • Soil type • Distance from the main road and extent of gravel access • Vehicle accessibility • Any other relevant site conditions | ATTACHED TO THIS CLARIFICATION <ul style="list-style-type: none"> ➤ GPS Coordinate ➤ ALL WEATHERD ROAD ➤ Site distance from A.A | |
| 6 | Borehole Information To ensure proper system integration and compatibility, please provide: <ul style="list-style-type: none"> • Borehole casing diameter • Pump installation depth/position | <ul style="list-style-type: none"> ✓ Dobi spring submersible pump installation in the wetwell & power supply ✓ Famatsere, Lanforo gababa, Odi book, bursa pump are Not yet requested. | |



| No | Clarification Requested | Response | Remark |
|----|---|--|--------|
| | <ul style="list-style-type: none"> Distance between borehole and solar installation site Confirmation whether the system is new or existing Any additional relevant borehole or system accessory details | Supply and installation of power supply only needed, ✓ Pump and power supply installation Gabala Pump position 60m, Dinewale Pump position 60m, Dinewale booster station on surface Hakim and Haro somane 150m | |
| 7 | Power Cable Length and Sizing Most sites indicate a requirement of 60 meters of 3 × 16 mm ² power cable. Kindly confirm whether proper system sizing calculations have been conducted to justify this specification. | yes | |
| 8 | Lot 1 Site 1: Dobi Town The BOQ specifies installation of the pump within a cooling sleeve and indicates water abstraction from a spring, implying the presence of a collection chamber. Kindly provide the dimensions (length, width, and depth) of this chamber. | Circular 6.6m depth 3m | |
| 9 | Lot 2 Site 1: Southwest Ethiopia Riser pipes and fittings are not explicitly listed, although "other necessary materials" are mentioned. Please confirm whether these items should be included. If an existing riser pipe is available, kindly provide its diameter for compatibility assessment with the proposed pump outlet. | No need of Riser and Fittings. We use the existing. | |
| 10 | Site 2: Central Ethiopia The BOQ includes a vulcanizing kit and water level sensor under Item No. 2, despite the presence of an existing pump and no specified power cable. Please clarify the intended purpose of these items. | Pump with accessories not yet requested. Power supply with accessories expected from bidder | |
| 11 | Lot 3 Site 1: Haro Somanea and Site 2: Hakim Gara Riser pipes and fittings are not explicitly listed, although "other necessary materials" are mentioned. Please confirm whether these items should be included. If an existing riser pipe is available, kindly provide its diameter for compatibility assessment with the proposed pump outlet. | Riser pipe and fitting are not requested | |
| 12 | Lot 4 Site 1: Dinewale Borehole Riser pipes and fittings are not explicitly listed, although "other necessary materials" are mentioned. Please confirm whether these items should be included. If an existing riser pipe is available, kindly provide its diameter for compatibility assessment with the proposed pump outlet. | Riser pipe and fitting are not requested | |
| 13 | Site 2: Dinwale Booster Pump 1. The bid overview references nine (9) projects; however, ten (10) BOQs have been provided. Additionally, Lot 4 appears to include one project with two BOQs, one for borehole pump and one for a booster surface pump. Kindly confirm if this is accurate. 2. Please confirm whether all necessary fittings for the surface pump connection are already | ✓ One submersible with accessories for Borehole ✓ Two surface pump with accessories are requested | |



| No | Clarification Requested | Response | Remark |
|----|--|--|--------|
| | <p>available. If so, provide the connection diameters to ensure compatibility.</p> <p>The specification requires two surface pumps; however, only one inverter and a limited number of solar panels are indicated, which may be insufficient to support dual high-power pumps. Kindly confirm whether two pumps are required and whether any system design adjustments are necessary</p> | <p>Two pumps are requested. It's missing. Therefore, the bidder is expected to propose two invertors</p> | |



Table 2: GPS LOCATION and Site distance from Addis Ababa

| No | Project's Name | Region | Distance from Addis Ababa | GPS Location | | |
|----|----------------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | | | | X | Y | Z |
| 1 | Dobi Town WSSP spring | Benishangul Regional state | 615km | 817915 | 1171824 | 1350 |
| 2 | Famatsere WSSP | Benishangul Regional state | 725km | 665197 | 1165011 | 1300 |
| 3 | Gabala 1BH WSSP | South West Ethiopia | 542km | 36N 0223067 | 0778292 | 2435 |
| 4 | Lamfuro Gababa | Central Ethiopia | 220km | 433805 | 876149 | 1841 |
| 5 | Odo-Boko | Sidama | 500km | 501950E | 690839N | 2286 |
| 6 | Dinewale | Tigray | 882km | 538885.831E | 1523423.934N | 1878.37 |
| 7 | Awberkhedlea BH WSP(haro somanea | Harari | 541km | Take Harar Town Elevation | Take Harar Town Elevation | Take Harar Town Elevation |
| 8 | Hakim gara BH WSP | Harari | 548km | Take Harar Town Elevation | Take Harar Town Elevation | Take Harar Town Elevation |
| 9 | Bursa WSSP | Amhara | 850km | 397026.701E | 1363144.05 N | 1878.37 |

