



**Clarifications for Invitation to Tender (ITT) for the provision of Solarization of Water Supply Scheme in Somalia, Afar and Tigray Regions Ref: ITT-ADD-BSE-44315 and Shallow Well Solarization and Construction of Water point, washing basin and Water tank stand in Tigray Region Ref# ADD-BSB-44320**

Clarifications issue date : 3rd Dec 2025

Clarification requests : 2

#	Questions	Answer																																		
1	Clarification request regarding the following tenders: Solarization of Water Supply Scheme in Somalia, Afar, and Tigray Regions (Ref# ITT-ADD-BSE-44315) Shallow Well Solarization and Construction of Water Point, Washing Basin, and Water Tank Stand in Tigray Region (Ref# ADD-BSB-4432) In all the sites, the pump specifications provided indicate only the pump KW rating. However, to properly select an appropriately performing pump, additional information is required. Specifically, we kindly request the Total Head and Discharge (Flow Rate) details for each site. Providing these parameters will allow us to accurately size and propose the correct pump for the intended application.	<table><tr><th rowspan="2">LOT #</th><th rowspan="2">Location</th><th colspan="4">Pump Description</th></tr><tr><th>Q (L/S)</th><th>Total Head (M)</th><th>Pump Position (m)</th><th>Power (KW)</th></tr><tr><td>LOT 1</td><td>Farda WSS, Kebribeyah</td><td>3</td><td>172</td><td>163</td><td>9.2</td></tr><tr><td>LOT 2</td><td>Sidehamelef WSS, Awura</td><td>5.49</td><td>321</td><td>285</td><td>30</td></tr><tr><td>LOT 3</td><td>Negash WSS, Kileteawelalo</td><td>3</td><td>175</td><td>48</td><td>7.5</td></tr><tr><td>LOT 4</td><td>May Nebri, Hintalo</td><td colspan="4">No pump is required</td></tr></table>	LOT #	Location	Pump Description				Q (L/S)	Total Head (M)	Pump Position (m)	Power (KW)	LOT 1	Farda WSS, Kebribeyah	3	172	163	9.2	LOT 2	Sidehamelef WSS, Awura	5.49	321	285	30	LOT 3	Negash WSS, Kileteawelalo	3	175	48	7.5	LOT 4	May Nebri, Hintalo	No pump is required			
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2	<p>Clarification request regarding the BOQ and the attached appendices, we identified some missing or unclear technical details that must be clarified to prepare an accurate, compliant, and competitive proposal. Please find our clarification requests below, organized by lot for ease of reference.</p> <p>Lot 1 — Somalia Region (Kebribeyah Woreda) 1.The BOQ requests a 9.2 KW submersible pump with 3×25 mm² power cable, but the required pump head and</p>	<p>Lot 1</p> <p>1. For pump discharge, head and Pump position please refer the following for all sites</p> <table><tr><th rowspan="2">LOT #</th><th rowspan="2">Location</th><th colspan="4">Pump Description</th></tr><tr><th>Q (L/S)</th><th>Total Head (M)</th><th>Pump Position (m)</th><th>Power (KW)</th></tr><tr><td>LOT 1</td><td>Farda WSS, Kebribeyah</td><td>3</td><td>172</td><td>163</td><td>9.2</td></tr><tr><td>LOT 2</td><td>Sidehamelef WSS, Awura</td><td>5.49</td><td>321</td><td>285</td><td>30</td></tr><tr><td>LOT 3</td><td>Negash WSS, Kileteawelalo</td><td>3</td><td>175</td><td>48</td><td>7.5</td></tr><tr><td>LOT 4</td><td>May Nebri, Hintalo</td><td colspan="4">No pump is required</td></tr></table>	LOT #	Location	Pump Description				Q (L/S)	Total Head (M)	Pump Position (m)	Power (KW)	LOT 1	Farda WSS, Kebribeyah	3	172	163	9.2	LOT 2	Sidehamelef WSS, Awura	5.49	321	285	30	LOT 3	Negash WSS, Kileteawelalo	3	175	48	7.5	LOT 4	May Nebri, Hintalo	No pump is required			
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<p>discharge are not specified. Kindly provide these parameters to allow proper pump selection.</p> <p>2.The required power cable length is not specified. Please advise the total length needed.</p> <p>3.The BOQ lists 21 × 615 W solar panels for the 9.2 kW pump. This appears insufficient and may cause under-sizing. Standard practice recommends a minimum of 1.6 × pump power, kindly confirm whether the listed 21 panels are final or if the solar array should be sized accordingly.</p> <p>4.The mounting structure height is specified as 0.7 m above ground. The Minimum recommended stand height is 1.0 m above ground to reduce flood exposure and prevent damage. Please confirm the acceptable mounting height.</p> <p>Lot 2 — Afar Region (Sidehamelef Awura Woreda)</p> <p>5.The BOQ requests a 26-kW submersible pump with 3×25 mm<sup>2</sup> power cable, but the pump head and discharge are not provided. Kindly specify the required head and discharge parameters. Also, please provide the required power cable length.</p>	<p>2. Power cable length. As the locations are on spot please add additional 30 meters in addition to the pump position (163 + 30 = 193 for the case of Kebribeyah)</p> <p>3. The solar array of 21 * 615 W is enough.</p> <p>4. Mounting structure height is indicated only the minimum side. Please consider 1 Meter above ground surface as minimum.</p> <p>Please see amended BOQ's:</p> <p>14. <a href="#">Appendix 3.1 BOQ for LOT 1 Solarization of Farda WSS in Kebribeyah-Somali Region</a></p> <p>LOT 2</p> <p>5. The pump power is 30 KW and refer to the above table for the other parameters of the pump.</p> <p>Please see amended BOQ's:</p> <p>15. <a href="#">Appendix 3.2 BOQ for LOT 2 Solarization of Sidehamelef WSS in Awura-Afar Region</a></p>
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<p>Lot 3 — Tigray Region (Negash Woreda)</p> <p>6.The BOQ requests a 7.5 kW submersible pump with 3×6 mm<sup>2</sup> power cable but does not specify the pump head and discharge. Please provide these details. Also confirm the required power cable length.</p> <p>Lot 4 — Tigray Region (May Nebri Woreda)</p> <p>7.The BOQ does not specify the pump power, pump head, or pump discharge, yet a pump system is requested. Without these parameters it is not possible to select a suitable pump. Please clearly specify the required pump power, head, discharge, and the corresponding power cable size and length. And specify pump position to decide the total number of riser pipe.</p> <p>Lots 5–7 — Tigray Shallow Wells (Dagu Temben; Hintalo; Kilete Awelalo)</p> <p>8.The BOQ does not list power cables or control cables, although these are essential for installation. We kindly request clarification on the following:</p> <ul style="list-style-type: none"> <li>o Are the power and control cables available at the site?</li> <li>o If not, please specify the required lengths.</li> <li>o On the “ Invitation to Tender (ITT) - Somalia, Afar and Tigray</li> </ul>	<p>LOT 3</p> <p>6. Please refer to the table above about the submersible pump characteristics</p> <p>Please see amended BOQ's:</p> <p>16. <a href="#"><u>Appendix 3.3 BOQ for LOT 3 Solarization of Negash WSS in Kileteawelalo-Tigray Region</u></a></p> <p>LOT 4</p> <p>7. May Nebri WSS didn't require pump and power cable it is available on-site</p> <p>Please see amended BOQ's:</p> <p>17. <a href="#"><u>Appendix 3.4 BOQ for LOT 4 Solarization of May Nebri WSS in Hintalo-Tigray Region</u></a></p> <p>LOT 5-7</p> <p>8. Please see amended BOQ's:</p> <p>19. <a href="#"><u>Appendix 3.5.1 BOQ LOT 5.1 Solarization of Shallow well - in Tigray RegioDequatenben May Agam SW</u></a></p> <p>20. <a href="#"><u>Appendix 3.5.2 BOQ LOT 5.2 Solarization of Shallow well - in Tigray Regio Dequatenben Denbe Duri SW</u></a></p>
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<p>Solarization''Summary of BOQ page 13, the quantities are shown as Item 5 = 3 pcs, Item 6 = 3 pcs, Item 7 = 4 pcs, but Appendices 3.5, 3.6, and 3.7 each list only 1 set. Kindly confirm the correct quantities and reconcile the discrepancy.</p>	<p>21. <a href="#"><u>Appendix 3.5.3 BOQ LOT 5.3 Solarization of Shallow well - in Tigray Regio Deguatemben May Aba Werku SW</u></a></p> <p>22. <a href="#"><u>Appendix 3.6.1 BOQ LOT 6.1 Solarization of Shallow well - in Tigray Regio Hintalo Adi Shiwashu SW</u></a></p> <p>23. <a href="#"><u>Appendix 3.6.2 BOQ LOT 6.2 Solarization of Shallow well - in Tigray Regio Hintalo Adi Bashay SW</u></a></p> <p>24. <a href="#"><u>Appendix 3.6.3 BOQ LOT 6.3 Solarization of Shallow well - in Tigray Regio Hintalo Keyih Hamed SW</u></a></p> <p>25. <a href="#"><u>Appendix 3.7.1 BOQ LOT 7.1 Solarization of Shallow well - in Tigray Regio Kileteawelalo Gawa#3 SW</u></a></p> <p>26. <a href="#"><u>Appendix 3.7.2 BOQ LOT 7.2 Solarization of Shallow well - in Tigray Regio Kileteawelalo Dengorzo SW</u></a></p> <p>27. <a href="#"><u>Appendix 3.7.3 BOQ LOT 7.3 Solarization of Shallow well - in Tigray Regio Kileteawelalo Egamat SW</u></a></p> <p>28. <a href="#"><u>Appendix 3.7.4 BOQ LOT 7.4 Solarization of Shallow well - in Tigray Regio Kileteawelalo Mariam Keyih SW</u></a></p>
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