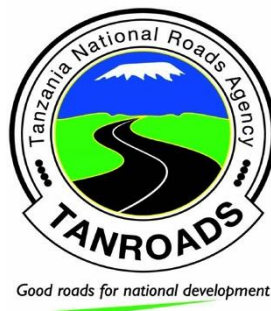


# TANZANIA NATIONAL ROADS AGENCY



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## BALANCE WORKS FOR CONSTRUCTION OF TERMINAL BUILDING AT SONGWE AIRPORT

TENDER NO. AE/001/2019-20/HQ/W/44

### Clarification No. 1

Date: 25<sup>th</sup> August, 2020

Pursuant to Clause 8.2 of Instruction to Tenderers (ITT) of the Tender Documents TANROADS issues **Clarification No. 1** to the questions raised by prospective Bidders as follows:-

S/N	Issues/Questions	Clarifications/Responses
1.	<p><b>We are hereby kindly request for clarification and supporting document for the following section of the works;</b></p> <p><b><u>Electrical:</u></b></p> <p>1) Electrical Single Line Diagram (SLD).</p> <p>2) Earth Cable not considered in the BOQ for Item numbers 5.1. (15, 16, 17, 18, 19, 20). Is terminal building have TT Earthing System? Please Clarify.</p> <p>3) BOQ Item No. 5.1.24 showing earthing system for main power supply. What it means? <b>Is it the Terminal building have local earthing (TT)? Please Clarify.</b></p> <p>4) BOQ Item No. 5.3.12 showing Hand dryers. Is it Hand dryer unit or power point for Hand dryer? Please Clarify.</p>	<p>1) Refer Item No. 1 of our Clarification along with the Minutes of Pre-bid meeting dated 3<sup>d</sup> August 2020.</p> <p>2) BOQ Item No. 5.1. (16, 17, 18, 19, and 20) has been revised. Please refer Item No. 1 of <b>Addendum No. 1</b>.</p> <p>3) Item No. 5.1.24 include Earthing System for Distribution Boards located in POWER HOUSE and Earthing System for Distribution Boards located at Electrical Room in the Terminal Building (TT Earthing System).</p> <p>4) It is HAND DRYER complete unit.</p>
2.	<p><b><u>Fire Alarm System:</u></b></p> <p>1. BOQ does not included the quantity of Monitor &amp; Control Interfacing Units which has to be connected to various other system like Elevator, Fire Fighting System, Public Address System, Access Control System, HVAC Equipment etc.</p>	<p>1. The specifications of Fire Fighting System indicate the scope of works includes "Complete integration and interface with the fire alarm system".</p>

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	2. BOQ also not included Loop Fault isolation unit's quantity. Please Clarify.	2. "Loop Fault isolation units" is part of BOQ Item 9.8 "Other related accessories for complete functioning of the system"
3.	<p><b><u>Escalators:</u></b></p> <p>1. Please clarify the arrangement of Escalators. Is it Parallel or Criss-Cross?</p> <p>2. During the site visit observed only one Pit for Escalator another pit is missing. Please Clarify.</p>	<p>1. As per architectural layout of First Floor arrangement of Escalators is PARALLEL (One serving DOWN and another UP).</p> <p>2. Refer Item No. 14 of our Clarification along with the Minutes of Pre-bid meeting dated 3<sup>d</sup> August 2020.</p>
4.	<p><b><u>Required Design Drawings:</u></b></p> <p>1. Electrical Single Line Diagram.</p> <p>2. Electrical Lighting &amp; Power.</p> <p>3. Electrical Distribution Panel Schedule.</p> <p>4. Lightning Protection System.</p> <p>5. Voice &amp; Data.</p> <p>6. Public Address &amp; Voice Evacuation System.</p> <p>7. Fire Alarm System.</p> <p>8. CCTV System.</p> <p>9. Access Control System.</p> <p>10. Plight Information Display System.</p>	<p>AutoCAD drawings were provided along with the Minutes of Pre-bid meeting dated 3<sup>d</sup> August 2020.</p> <p>The drawings in PDF format can be downloaded through the following link:  <a href="https://www.dropbox.com/sh/4r73teerpf5vvit/AACUdBFxqwebNtbs_JGzbdYca?dl=0">https://www.dropbox.com/sh/4r73teerpf5vvit/AACUdBFxqwebNtbs_JGzbdYca?dl=0</a></p>
5.	<p><b><u>Mechanical:</u></b></p> <p>1. All design mechanical drawings required. (PLUMBING, FIREFIGHTING &amp; HVAC)</p> <p>2. FIREFIGHTING -Fire water tank &amp; pump room location.</p> <p>3. PLUMBING — Water tank location &amp; water tank to building connection piping details.</p> <p>4. PLUMBING- Sewage network connection routing details (Septic tank &amp; Soak away pit tank connection — confirmation)</p> <p>5. PLUMBING — Rain water pipe connection details at Passengers entrance area.</p> <p>6. HVAC — ITEM 6.20 to 6.27 Required HVAC drawings for quotation.</p> <p>7. HVAC- The AC &amp; VENTILATION EQUIPMENTS Details &amp; Schedule required. (BOQ not specify types &amp; other</p>	<p>1. Please refer to <b>Clarification No. 4</b> above</p> <p>2. Refer Item No. 11 of our Clarification along with the Minutes of Pre-bid meeting dated 3<sup>d</sup> August 2020.</p> <p>3. Piping details are provided in the <b>Clarificaton No. 4</b> above. Location of the tank - Refer Item No. 11 of our Clarification along with the Minutes of Pre-bid meeting dated 3<sup>d</sup> August 2020.</p> <p>4. Please refer to <b>Clarification No. 4</b> above</p> <p>5. It is not included in this scope</p> <p>6. Please refer to <b>Clarification No. 4</b> above.</p>

S/N	Issues/Questions	Clarifications/Responses								
	<p>specifications)</p> <p>8. FIREFIGHTING — Server room, electrical room &amp; kitchen — Architectural drawings required for quotation.</p>	<p>7. Details are as shown in the drawings provided in <b>Clarification No. 4</b> above. Necessary specifications are provided in the bidding document.</p> <p>8. This is not part of the tender.</p>								
6.	<p><b><u>Terminal Building - Civil works:</u></b></p> <p>1. All design Structure and architectural Drawings are required for the quotation.</p> <p>2. Refer to item No. 2.8.1 of Project BOQ which require contractor to install and test steel fire escape stair case 180 turn degree as per emergency fire escape standard but during the site visiting, we found that the structure element already supplied. Hence, we need more clarification on that</p> <p>3. Refer to Item No. 5.4 of Project BOQ, Construction of Power house Extension, we request for the design structure and architecture drawings for the quotation.</p> <p>4. Refer to Item No. 14.81 and No. 14.82 of Project BOQ, Construction of concrete water reserve tank of capacity of 48 cubic meters for sprinkler system as per standards of fire water reserve tank and Construction of pump house/room for housing all the pumps used in firefighting system and all associated works respectively, We request all the design structure, architecture drawings and any other details for the quotation.</p> <p>5. During the site visiting we found that, the aluminum expansion joints (vertical and horizontal) is required to be included in BOQ Item to be constructed for the finishing of the building</p> <p>6. We found that some Curtain wall and Aluminum finishing Covers works was not fully completed and the remained work does not include in BOQ, we need clarification on this.</p> <p>7. Also, we found some concrete structure elements already damaged due to the settlement of foundation. We need more clarification on this for BOQ.</p>	<p>1. Drawings for Civil Works are not available as only preliminary design was carried out and the BoQ includes Scope of Works for pricing. Details will be provided by the Supervision Consultant during the execution.</p> <p>2. Bidders should quote as required in the BOQ.</p> <p>3. Please refer to <b>Clarification No. 6(1)</b> above.</p> <p>4. Please refer to <b>Clarification No. 6(1)</b> above.</p> <p>5. This is not part of the tender.</p> <p>6. This is not part of the tender.</p> <p>7. This is not part of the tender.</p>								
7.	<p><b><u>Equipment:</u></b></p> <p>In the Tender document Qualification Requirements, 2.4, The minimum equipment to be made available for the Contract by the successful Tenderer shall be:</p> <table border="1" data-bbox="300 2047 903 2132"> <thead> <tr> <th data-bbox="300 2047 373 2132">No.</th> <th data-bbox="373 2047 624 2132">Equipment Type and Characteristics</th> <th data-bbox="624 2047 759 2132">Min. Capacity</th> <th data-bbox="759 2047 903 2132">Min. No. Required</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	Equipment Type and Characteristics	Min. Capacity	Min. No. Required					<p>Minimum number and capacity of plants and equipment stipulated in the Bidding Documents for evaluation purposes. It is obligations of the successful Bidder to identify and mobilize equipment based on his methodology of implementing the works. The Employer has considered the</p>
No.	Equipment Type and Characteristics	Min. Capacity	Min. No. Required							

S/N	Issues/Questions				Clarifications/Responses
	1	Tower Cranes	300T	2	<p><i>Bidder's observation and the requirement of 2Nos. of Crane (300T) is hereby deleted. Please refer Item No. 2 of <b>Addendum No. 1.</b></i></p> <p><i>Due to critical implementation timeline of this project, the current Bid Submission Date remain to be <b>11<sup>th</sup> September 2020</b></i></p>
2	Mobile Crane	50T	2		
8.	<p>We think that such large lifting equipment is not needed in Balance Works for Construction of Terminal Building at Songwe Airport. Please kindly clarify.</p> <p>Moreover, we believe that many type of materials and equipment need to be imported and bidders need time to make an inquiry. We request that the deadline for submission of Tenders will be extended by 14 days.</p> <p>We acknowledge receipt of the email, with that we kindly request for the drawings of the building as in the BOQ there are items that need details from the drawings to be quoted.</p>				<p><i>Drawings for buildings are not available. The BoQ items are provided for pricing. Building drawings will be provided by the Supervision Consultant during the execution.</i></p>