



THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF WORKS

TANZANIA NATIONAL ROADS AGENCY



Good roads for national development

When you reply please specify:

Ref No. CB.390/431/04

Date: 14th February, 2024

To: All Prospective Bidders

RE: **REHABILITATION AND UPGRADING OF LAKE MANYARA AIRPORT:
TENDER NO. AE/001/2022-23/HQ/W/09 (TZ-TANROADS-383623-CW-RFB)**

Please refer to the above heading.

2 Pursuant to Sub-Clauses 7.1 of the Instruction to Bidders, TANROADS issues the attached Clarification No. 2 to the Bidding Documents.

Eng. I. G. Wambura
ACTING CHIEF EXECUTIVE

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Good roads for economic development

**REHABILITATION AND UPGRADING OF LAKE MANYARA AIRPORT
TENDER No.: AE/001/2022-23/HQ/W/09 (TZ-TANROADS-383623-CW-RFB)**

Clarification No. 2

Date: 14th February 2024

With reference to the question prospective bidders and pursuant to Instructions to Bidders ITB 7.1, TANROADS is herewith providing clarifications as follows:

S/N	Questions Asked	Responses
1.	<p>We are one of the prospective Bidders and are keen to submit our bid for the subject project and working on the tender preparation.</p> <p>We would like to undertake the site visit so as to collect details of the site conditions and local costs etc., that would enable us to submit the most competitive bid.</p> <p>Hence, we hereby authorise our representative to visit Manyara Airport for conducting the site visit & seek your permission for the same.</p>	<p>Bidders are advised to contact directly the TANROADS Regional Manager for Arusha Region through email: eginald.masawe@tanroads.go.tz; Mob.: +255 764 709 521</p>
2.	<p>As per Clause No. 19.3 of Instruction to Bidders, Bid Security shall be a Demand guarantee issued by a bank or non-bank financial institutions such as insurance, bonding or surety company. Hence we understand as per this clause Bid Security can be arranged in the form of Bond from insurance company. Please confirm our understanding is correct so that we can arrange Bid security from an insurance company.</p>	<p>Bidders are advised to abide to the Requirement provided in the bidding documents.</p>
3.	<p>We bidders for the project mentioned above request clarifications of the following queries observed in bidding documents as mentioned hereunder: 1. Please clarify and provide the exact Tender No. and the reference number of the Request for Bids (RFB) to be used, because under Section II - Bid Data Sheet (BDS) - ITB 1.1 the (RFB) is: AE/001/2022-23/HQW/09 and this RFB is required to be filled at all Forms under Section IV - Bidding Forms. But also, Tender No.: AE/001/2022- 23/HQW/09 (TZ-TANROADS-383623-CW-RFB) appears in the bidding document.</p>	<p>Bidders are advised to abide to the Requirement provided in the bidding documents.</p>
4.	<p>Clause Reference: Drawings (PDF & CAD file) Bidders query: The ground surface shared in the pdf version of drawings is not matching with that of CAD files. There is a</p>	<p>Bidders are advised to abide to the Requirement provided in the bidding documents.</p>

S/N	Questions Asked	Responses
	Difference in range of 1.5 to 3.5 m between 2 ground surfaces of same location.	
5.	<p>Clause Reference: Drawings (PDF & CAD file)</p> <p>Bidders query: The ground surface generated by extracting the contours from pdf file is also not matching with the ground levels in the PDF files the difference in levels is about 10-12m. Request to share the final file in CADD format</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
6.	<p>Clause Reference: Drawings (PDF file)</p> <p>Bidders query: Additionally the layout of the proposed runway, taxiway & apron is not matching in both pdf & CAD files</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
7.	<p>Clause Reference: Drawings</p> <p>Bidders query: Cross section of Periphery road is unavailable. Please share a final cross section of Periphery road</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
8.	<p>Clause Reference: Drawings (PDF file)</p> <p>Bidders query: The working cross sections in PDF are not to a correct scale and as a result earthwork quantities are not been able to be measured</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
9.	<p>Clause Reference: PDF Drawings (Civil Work)</p> <p>Bidders Query: Kindly provide the following PDF drawing files which is missing the Bid documents, 1. Site Clearance 2. Runway Profile 3. Taxiway Profile 4. Runway Cross Section 5. Taxiway Cross Section</p>	<p>PDF Drawings are provided in the Volume 2 Drawings > (3. Drawings (Civil, AGL, NAVIDS & Arch) > (Lake Manyara Airport-Infrastructure)</p>

S/N	Questions Asked	Responses
	<p>6. Parking Layout 7. Access Road_X-section</p>	
10.	<p>Clause Reference: Volume IA, Section I & II: Instruction to Bidders, Cl - 19.3</p> <p>Contract Provision: The Bidders shall obtain the Bid Security from a reputable source from an eligible country.</p> <p>Bidders Query: Kindly confirm Bank Guarantee towards Bid Security issued by any reputed bank (Nationalized Bank or Scheduled Bank) in India would be acceptable</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
11.	<p>Clause Reference: Vol-2 Contract Provision:</p> <p>Vol-2 Drawings Bidders Query: As you are aware there are Activity/Item in BOQ for Roof and Structural Glazing work and to work out the Optimized price we would require CAD file for the same. Request you again to share the CAD File.</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
12.	<p>Clause Reference: Vol-1B- Bill of quantities Contract Provision: Building Civil work- Item No: - 11.04 - Fittings and Furnishings Bidders Query: As mentioned in the BOQ Office Furniture as per Specification and Supply schedule, Please Provide us the Required Schedule and Specification for the same.</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>

S/N	Questions Asked	Responses
13.	<p>Clause Reference: Vol-1B- Bill of quantities</p> <p>Contract Provision: AMHS system</p> <p>Bidders Query: AMHS system: The tender specification about AMHS system require the delivery of a single workstation for supporting such messaging function and no training or other implementation activity seems to be mentioned. Is this requirement related to the addition/replacement of a AMHS terminal connected to an existing AMHS system, or the request is related of a brand new AMHS system; Please confirm.</p>	<p>The AMHS system to be supplied is Brand New. There is no existing system at the airport.</p> <p>The contractor rate shall include On-Job Training for 6 staff for 2 weeks</p>
14.	<p>Clause Reference: Vol - 1B - Bill of quantities</p> <p>Bidders Query: Please clarify if additional equipment would be needed together with several implementation services or not.</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
15.	<p>Clause Reference: Vol -1B - Bill of quantities</p> <p>Bidders Query: Additional Information required for following points.</p> <p>15.1 Is AFTN connectivity to be supported?</p> <p>15.2 Are there any serial lines to be supported?</p> <p>15.3 How high is the message rate to be supported?</p> <p>15.4 How many messages per hour (or per day) need to be managed by this system?</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p> <p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p> <p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p> <p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
16.	<p>General</p> <p>We understand that the Airport will be operational during the Construction Phase, however there is no alternate runway strip available for the aircrafts to operate, hence a temporary</p>	<p><i>The Contractor shall come up with proper methodology for phasing of works which shall allow both rehabilitation works to continue while the airport remains operational</i></p>

S/N	Questions Asked	Responses
	runway will be required to be constructed adjacent to the existing runway, we understand that the entire cost towards the construction of temporary runway will be paid through the relevant BOQ items (Clearing & Grubbing, Excavation, Gravel Fill etc). Please confirm	There will no construction of temporary runway.
17.	General We understand that the Access road to the Airport has to be realigned to accommodate the runway extension and the cost for the same will be paid through the relevant BOQ items. Please clarify	<i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i>
18.	General We understand that the contractor's setup (Office, Lab, Equipment's etc) can be established within the Airport boundary and the contractor will not be required to make any separate payment for the same. Please clarify	<i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i>
19.	General Construction of Temporary runway and extension and upgradation of existing runway will require cutting of trees and stumps. However, there is no separate item for removal of trees and stumps. Please clarify how the payment for the same will be made	<i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i>
20.	Section IV: Page 131: Schedule of Adjustment data In the Schedule of Adjustment data, three "Sections of the Works" viz. 1. Earthworks 2. Pavement and 3. Structures are given. However, the clarity about categorization/bifurcation of BOQ items under three Sections of the Works named above is not provided in the tender documents. For a bidder to quote the most competitive bid, clarity on how the BOQ items will be categorized under these Sections of the Works for working out Price Adjustment is essential. Therefore, we seek clarity on how the entire BOQ items will be classified under three Sections of the Works viz. 1. Earthworks 2. Pavement and 3. Structures for working	<i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i>

S/N	Questions Asked	Responses
	<p>out Price Adjustment during certification of monthly Interim Payment Certificates. Please issue the necessary addendum/corrigendum upon due diligence. (Note: In case no clarity is provided by the Employer, then we assume that the successful bidder will propose bifurcation to the Engineer for approval before submitting the applications for monthly Payments.)</p>	
21.	<p>Bill of Quantities In the Nav-Aids section ATC Console part we could not find the quantity required for consoles. Please let us know the Quantity & dimensions required for the ATC Consoles.</p>	<p>Refer the Bidding Drawings and Specifications provided.</p>
22.	<p>Bill of Quantities: Navigation BOQ: Requirement 2.2 Please specify which connections shall be performed through Fiber Optic links: 1. Please specify the distance between the VCS central unit and Tower CWP 2. Please specify the distance between the VCS central unit and Maintenance CWP 3. Please specify the distance between the VCS central unit and Briefing CWP</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
23.	<p>Drawings: (PDF & CAD file): The ground surface shared in the pdf version of drawings is not matching with that of CAD files. There is a Difference in range of 1.5 to 3.5 m between 2 ground surfaces of same location.</p>	<p>Final levels shall be determined during Construction</p>
24.	<p>Drawings: (PDF & CAD file): The ground surface generated by extracting the contours from pdf file is also not matching with the ground levels in the PDF files the difference in levels is about 10-12m. Request to share the final file in CAD format.</p>	<p><i>Bidders are advised to abide to the Requirement provided in the bidding documents.</i></p>
25.	<p>"Drawings: (PDF & CAD file)": Additionally the layout of the proposed runway, taxiway & apron is not matching in both PDF & CAD files</p>	<p>Bidders are advised to abide to the Requirement provided in the bidding documents. Final levels shall be determined during Construction</p>

S/N	Questions Asked	Responses
26.	Drawings: Cross section of Periphery road is unavailable. Please share a final cross section of Periphery road	Crossing section shall be provided to the successful bidder
27.	Drawings (PDF file): The working cross sections in PDF are not to a correct scale and as a result earthwork quantities are not been able to be measured	Bidders are advised to abide to the Requirement provided in the bidding documents.
28.	PDF Drawings (Civil Work): Kindly provide the following PDF drawing files which is missing the Bid documents, 1. Site Clearance; 2. Runway Profile; 3. Taxiway Profile; 4. Runway Cross Section; 5. Taxiway Cross Section; 6. Parking Layout; 7. Access Road X-section	Successful Bidder shall be paid to the measured works PDF Drawings are provided in the Volume 2 Drawings >(3. Drawings(Civil, AGL, NAVIDS & Arch)>(Lake Manyara Airport-Infrastructure)
29.	Volume IA, Section I & II: Instruction to Bidders, Cl - 19.3: The Bidders shall obtain the Bid Security from a reputable source from an eligible country. Kindly confirm Bank Guarantee towards Bid Security issued by any reputed bank (Nationalized Bank or Scheduled Bank) in India would be acceptable	Bidders are advised to abide to the quantities provided in the bidding documents.
30.	Vol-2: Drawings: As you are aware there are Activity/Item in BOQ for Roof and Structural Glazing work and to work out the Optimized price we would require CAD file for the same. Request you again to share the CAD File.	Bidders are advised to abide to the quantities provided in the bidding documents.
31.	Vol-1B- Bill of quantities: Building Civil work- Item no:- 11.04- Fittings and Furnishings: As mentioned in the BOQ Office Furniture as per Specification and Supply	Bidders are advised to abide to the quantities provided in the bidding documents.

S/N	Questions Asked	Responses
	schedule, Please Provide us the Required Schedule and Specification for the same.	
32.	Sr. No. 10: Vol-1B- Bill of quantities: AMHS system: AMHS system: The tender specification about AMHS system require the delivery of a single workstation for supporting such messaging function and no training or other implementation activity seems to be mentioned. Is this requirement related to the addition/replacement of a AMHS terminal connected to an existing AMHS system, or the request is related of a brand new AMHS system; Please confirm.	The AMHS system to be supplied is Brand New. There is no existing system at the airport. The contractor rate shall include On-Job Training for 6 staff for 2 weeks
33.	Sr. No. 11: Vol-1B- Bill of quantities: Please clarify if additional equipment would be needed together with several implementation services or not.	Bidders are advised to abide to the quantities provided in the bidding documents
34.	Sr. 12: Vol-1B- Bill of quantities: Additional Information required for following points.	Bidders are advised to abide to the quantities provided in the bidding documents
35.	Sr. No. 12.1: Vol-1B- Bill of quantities; Is AFTN connectivity to be supported?	Bidders are advised to abide to the quantities provided in the bidding documents
36.	Sr. No. 12.2: Vol-1B- Bill of quantities: Are there any serial lines to be supported?	Bidders are advised to abide to the quantities provided in the bidding documents
37.	Sr. 12.4: Vol-1B- Bill of quantities: How high is the message rate to be supported?	Bidders are advised to abide to the quantities provided in the bidding documents
38.	Sr. No. 12.5: Vol-1B- Bill of quantities: How many messages per hour (or per day) need to be managed by this system?	Bidders are advised to abide to the quantities provided in the bidding documents
39.	The Proposed change on asphalt concrete for Earth work to Surface dressing. We believe these adjustment will optimize project/service outcomes without compromising quality.	Bidders are advised to abide to the Requirement provided in the bidding documents.

S/N	Questions Asked	Responses
40.	<p>The BoQ has lump sum provisions for demolitions but no breakdown of the structures or items to be demolished. Please give more details of the structures on both sites that require to be demolished.</p>	<p><i>Bidders are advised to abide to the quantities provided in the bidding documents</i></p>
41.	<p>Lake Manyara Airport site proposed area of runway extension appears to have numerous obstructions including a road and other public structures / dwellings etc. Has this area been cleared or what is its status please?</p>	<p><i>Bidders are advised to abide to the quantities provided in the bidding documents</i></p>
42.	<p>For both airports, the terminals are proposed to be constructed away from the current terminal areas and the existing conditions are not very clear. We require details of any existing services etc, that are likely to affect the terminal building construction works.</p>	<p><i>Bidders are advised to abide to the quantities provided in the bidding documents</i></p>
43.	<p>Some of the materials sites that are proposed are quite far from the sites e.g., 80km for Lake Manyara quarry site. What are the likely costs for having these aggregate and gravel materials delivered to two sites please?</p>	<p><i>Bidders are advised to abide to the quantities provided in the bidding documents</i></p>
44.	<p>What construction windows are available in the two airports, given that they will remain operational during the proposed construction works please?</p>	<p><i>Bidders are advised to abide to the quantities provided in the bidding documents</i></p>