



ROAD DEVELOPMENT AGENCY

BIDDING DOCUMENT

ICB No: RDA/CE/ICB/003/024 and ICB No: RDA/CE/ICB/004/024

Great North Road Rehabilitation (T2) – from Mpika to Chinsali, Zambia

- 1. Lot 1: Rehabilitation of the Great North Road (T2) Mpika to Chinsali section for length of 161.5km. LOT 1 Mpika to Shiwan'gandu Junction (D53/T2 Junction) (Km 4+100 to Km 86+770), 82.67 km**
- 2. Lot 2: Rehabilitation of the Great North Road (T2) Mpika to Chinsali section for length of 161.5km. LOT 2: Shiwan'gandu Junction (D53/T2 Junction) – Chinsali Junction (RD58/T2) (Km 86+770 to Km 165 + 646), 78.88 km**

Bidding Document Reference No.: *ICB No: RDA/CE/ICB/003/024 and ICB No: RDA/CE/ICB/004/024*

Loan No./Credit No./ Grant No.: Contract Number (FI N°) 84679; Operation Number (Serapis N°) 2015-0219); Grant No.: FI N° 89907; Serapis N° 201 5-0219 Country: Zambia.

CLARIFICATION NO. 2

Find herewith the clarifications raised and responses to the queries raised on the **BIDDING DOCUMENT** for the above tenders. The Clarifications provide responses to queries raised.

Further, bidders are informed that they can obtain responses to queries raised on the BIDDING DOCUMENT, on the above two lot tenders, from the Employers' website at (URL): www.rda.org.zm or the Employer's address as per the BIDDING DOCUMENT.

Item No.	Query	BIDDING DOCUMENT
1.	Prospective bidders enquired as follows: According to BOQ B14.06(a), the contractor is required to provide 11 units of permanent housing (refer to Sub-clauses 14.03(a) and 14.03(b)). As per SATCC Sub-clauses 14.03 (a) and 14.03(b), which pertain to prefabricated houses and outbuildings respectively, could you please clarify whether the permanent houses shall be prefabricated houses?	Prospective bidders are informed as follows: The practice of the Employer is that Permanent houses cannot be prefabricated houses. These are permanently constructed masonry (mainly with concrete blocks) houses, accordingly.
2.	Prospective bidders enquired as follows: The tender drawings do not include layouts for housing, offices, and laboratories for the	Prospective bidders are informed as follows: Find attached to this Clarification No.2 the general layout for the housing, offices, and laboratories for the

	engineer's site personnel. Could you please provide these layouts?	engineer's site personnel, under Drawing No. MPM – GN-001,
3.	Prospective bidders enquired as follows: There is no Typical Details included in the tender drawings. Could you kindly provide them?	Prospective bidders are informed as follows: Tender Drawings were issued with the Bidding Documents. Typical Details of the tender drawings are included in the tender drawings file No. 3190-DD-B4-TYPICAL-CROSS-SECTIONS as an example. Additional drawings are provided for general guidance.
4.	Prospective bidders enquired as follows: Refer to Bidding Document, Section III: Evaluation and Qualification Criteria, 2.3 Personnel, Minimum Qualifications requirement for Occupational Health and Safety Officer is stated as a Diploma in Mechanical and or in Civil Engineering or related Field. is this correct?	Prospective bidders are informed as follows: Refer to Addendum No. 2 .
5.	Prospective bidders enquired as follows: The deadline for submission of bids in the Invitation for Bids letter (IFB) for Lot 2 is 9 th August, 2024 while the deadline for submission of bids in the Instructions to Bidders Lot 2 (ITB Lot 2) is 2 nd August, 2024. We seek clarification as to which one of the two dates is the deadline for bid submission.	Prospective bidders are informed as follows: Kindly refer to Addendum No. 1 on the deadline for submission of bids.
6.	Prospective bidders enquired as follows: Since no single contractor will be awarded contracts for both lots, we write to seek clarification on whether it's ok to put the same key personnel and equipment in the bids for both Lot 1 and Lot 2 when submitting bidding documents.	Prospective bidders are informed as follows: It is not correct that no single Contractor will be awarded contracts for both lots, kindly refer to ITB 36.1 of the Bidding Document , Part 1 Section II: Bid Data Sheet and also ITB1.1 on the list of prequalified Bidders and specifically on the Maximum Number of Lots for Award under . Therefore for Bidders bidding for both Lot 1 and Lot 2, different key personnel and equipment must be submitted in the bids for both Lot 1 and Lot 2 when submitting bidding documents.
7.	Prospective bidders enquired as follows: In the pre-bid meeting, it was specified that this project will be exempted from VAT. But the Bill	Prospective bidders are informed as follows: As responded to under Clarification No. 1 and as per the Bidding Document, Part 3 Section VIII: Particular

	<p>of Quantities that has been issued has provision for VAT. We seek clarity as to whether the tender price should be submitted with VAT or without VAT.</p>	<p>Conditions: Notices, Taxes, Duties, Permits, Licences, Approvals to be given and/or obtained by Contractor Clause 1.13.2(b): No duty or taxes on equipment or materials imported for use on or incorporation in the Works will be imposed. This is in accordance with the requirements of the Finance Contract and Grant Agreement.</p> <p>Contractors are expected to indicate the value of VAT in the BOQ and therefore in the Bid. VAT will be paid by the Employer on behalf of the Contractor, through the National Road Fund Agency.</p>
8.	<p>Prospective bidders enquired as follows:</p> <p>There are no drawings for the BOQ item 21.12, 21.13, 23.15, 23.05(a) (b) and 23.01 type 8 kerbing (precast), which supposed to be quoted price by pieces (Nos), Please provide</p>	<p>Prospective bidders are informed as follows:</p> <p>The unit and quantity for Item 23.01 type 8 kerbing (precast), is clear as provided for in the Bidding Documents, the unit is in meters (m) as indicated in the BOQ.</p> <p>Additionally, refer to drawing No. B4 Title: Detail C – Sidewalk [3190-DD-B4-TYPICAL-CROSS-SECTIONS-Ed01] which was already issued.</p>
9.	<p>Prospective bidders enquired as follows:</p> <p>There are type 1 and type 2 (two types of concrete slab) in B23.17, however, there is only one type in the Drainage side details drawing no. B6.7; these items are quoted price by meters, which effect the pricing since these items supposed to be quoted by meters.</p>	<p>Prospective bidders are informed as follows:</p> <p>The only one type in the Drainage side details drawing no. B6.7 provides for both types and Bidders are advised to quote accordingly.</p> <p>The Engineer in conjunction with the Contractor will provide drawings and instruct the Contractor as to the final location, setting out and dimensions of these minor structures during Construction.</p>
10.	<p>Prospective bidders enquired as follows:</p> <p>There are Rigid Pavement at Police Checkpoints in the bidding documents, however, there is no such items in the BOQ, please confirm.</p>	<p>Prospective bidders are informed as follows:</p> <p>There is a Provisional Sum under Improvement of Police & Military Checkpoints in the summary of Provisional items in the BOQ. A Provisional and Prime Cost Sums excluding handling fees of Euro 100,000.00 is provided for this, item.</p>
11.	<p>Prospective bidders enquired as follows:</p> <p>Please confirm the width of detour.</p>	<p>Prospective bidders are informed as follows:</p> <p>Part 2: Employer's Requirements Section VI Requirement: Bidding Document, Part 2 Section VI: Requirements, The Specification - Part A shall be the SATCC Draft Standard Specifications for Road and Bridge Works – September 1998 (Reprinted July</p>

		<p>2001). Under these specifications details are provided form many items such as detours.</p> <p>Under SERIES 1000 : GENERAL SECTION 1500 : ACCOMMODATION OF TRAFFIC; 1504 WIDTH OF DIVERSIONS The roadway width of gravel diversions accommodating two way traffic shall be not less than 10 m. Where diversions consist of two separate one-way lanes, the minimum usable width of each lane shall be not less than 5 m.</p>
12.	<p>Prospective bidders enquired as follows:</p> <p>In the BOQ 23.0(a) Cast in situ concrete lining Class 25/19, but it shows all concrete shall be grade 30/20 in the drawing Drainage side details drawing no. B6.7, please clarify.</p>	<p>Prospective bidders are informed as follows:</p> <p>Kindly follow the provisions in the BOQ 23.0(a) Cast in situ concrete lining shall be Class 25/19. The drawings can be amended by the Engineer on Site together with the Contractor during construction works.</p>
13.	<p>Prospective bidders enquired as follows:</p> <p>In the BOQ 25.04 Prefabricated concrete paving blocks for side walk pavement (60 mm thick), but it shows the thickness of precast concrete paving bocks is 50mm in the drawing Typical cross section-drawing no B4, please clarify.</p>	<p>Prospective bidders are informed as follows:</p> <p>Kindly follow the provisions in the BOQ 25.04 Prefabricated concrete paving blocks for side walk pavement shall be (60 mm thick).</p> <p>The drawings can be amended by the Engineer on Site together with the Contractor during construction works.</p>
14.	<p>Prospective bidders enquired as follows:</p> <p>According to project specification B35.03(g) (a) Curing of the subbase shall be carried out as per Clause 3503 (g) - method (ii). There will be no separate payment made for curing in this manner. The Contractor shall allow for the costs of regular spraying in his rates for the construction of the layer; in this case, should the bidder quote for BOQ 35.04 with quantity of 956,307?</p>	<p>Prospective bidders are informed as follows:</p> <p>Bidders should price the BOQ accordingly for both “rate only items” and for “itemized items” accordingly.</p>
15.	<p>Prospective bidders enquired as follows:</p> <p>The BOQ shows 42.01(a), 37.5mm maximum aggregate size, however, according to the project specification, The grading limits for the combined aggregate grading for the asphalt base shall be as specified in table B4202/2: Continuously graded 28.0 mm maximum, please clarify.</p>	<p>Prospective bidders are informed as follows:</p> <p>The tables in the Bidding documents,</p> <p>Table B4202/2: GRADING LIMITS FOR COMBINED AGGREGATE AND MIX PROPORTIONS FOR ASPHALT BASE (Asphalt base 90mm thick) and BOQ shows 42.01(a), 37.5mm maximum aggregate size, is for “Asphalt Base” Course;</p>

		and Table B4202/3: GRADING LIMITS FOR COMBINED AGGREGATE AND MIX PROPORTIONS FOR HOT-MIX ASPHALT SURFACING (Asphalt surfacing 60mm thick) with 28mm maximum aggregate size is for "Asphalt Wearing Course".
16.	Prospective bidders enquired as follows: In the BOQ 54.01 (c) Sheet steel (chromadek 1.6mm thick), please clarify whether the bidder must use the brand choromadek or not?	Bidders are informed as follows: Bidders must quote for Sheet steel (chromadek 1.6mm thick) as per the bidding documents.
17.	Prospective bidders enquired as follows: For the B55.11 Painted pedestrian crossings, the drawing Road furniture and signs road marking and road studs Drawing No.7.1 is not in conformity with specifications, for example, the specification state that Pedestrian crossings shall painted 3m wide with white paint with stripes 600mm wide with 60mm spacing between stripes, but the width is 4 meters in the drawing, please clarify.	Prospective Bidders are informed as follows: Follow the drawings, Pedestrian crossings shall painted 4m wide with white paint with stripes 600mm wide with 60mm spacing between stripes. In addition, the Engineer in conjunction with the Contractor will provide drawings and instruct the Contractor as to the final location, setting out and dimensions of these minor structures during Construction.
18.	Prospective bidders enquired as follows: Generally, the quantity of Lump Sum is 1, however, there is no quantity in the BOQ B14.03 (b), B14.08, B14.12, B15.03 (a), B151.01 etc. should the bidder set the quantity as 1 and quote price?	Prospective Bidders are informed as follows: YES the quantity of Lump Sum items is 1, Bidders should set the quantity as 1 for all Lump Sum items not quantified as 1, and quote the price, accordingly.
19.	Prospective bidders enquired as follows: It states that the modified binder to be used on this project shall be A-E2 (35/50). Is 35/50 means the penetration of A-E2?	Prospective Bidders are informed as follows: YES as stated under the Bidding Document, Part 2 Section VI: Requirements SECTION 4200: ASPHALT BASE AND SURFACING 4202; Materials (a) Bituminous binders; The modified binder to be used on this project shall be A-E2 (35/50). The penetration grade of the base bitumen to be used is 35/50.
20.	Prospective bidders enquired as follows:	Prospective Bidders are informed as follows:

	<p>Regarding the handing over of the site, the K61+100-K86+770 (25.7km) will be handed over to the contractor 2 years after the commencement date. It means that there is only one year for the last 25.7 km (total construction period is 3 years), which is difficult for practice, so we suggest the site shall be handed over to the contractor more reasonable, please consider.</p>	<p>YES the Employer will attempt to expedite the resettlement process and intends that the site shall be handed over to the Contractor in a more reasonable time. However, as a result of resettlement issues and compensation payments, which will be implemented over three years, the construction period is three (3) years. The Employer will endeavour to provide the optimal site length as much as possible to minimise inconveniencing the Contractors. The shown stretches, for example of K61+100-K86+770 (25.7km), are to be used by Bidders at this time for planning purposes.</p>
21.	<p>Prospective bidders enquired as follows:</p> <p>It states that All equipment supplied to the Engineer's laboratory are to be replaced with new equipment when construction is complete. This new equipment is to be handed over to the Employer on completion of the Contract (the Contractor may keep the used laboratory equipment). Is it means the bidder shall provide two sets of new equipment as per the laboratory equipment list? please clarify.</p>	<p>Prospective Bidders are informed as follows:</p> <p>YES this means the bidder shall provide two sets of new equipment as per the laboratory equipment list. The second set of new equipment is to be handed over to the Employer on completion of the Contract (the Contractor may keep the used laboratory equipment).</p>
22.	<p>Prospective bidders enquired as follows:</p> <p>We request to extend the closing date for another 2 weeks, because of such details need to be cleared, and the bid securities from the bank takes time.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Refer to Addendum No. 2.</p>
23.	<p>Prospective bidders enquired as follows:</p> <p>What indices will be used for price adjustment since the ones that were specified in the tender documents, which is from South African Federation of Civil Engineering Contractors, no longer gets published.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Refer to Addendum No. 2</p>
24.	<p>Prospective bidders enquired as follows:</p> <p>On Form 2, Power of Attorney, we have decided to attach the minutes of board of directors meeting. We seek clarity on whether to attach the minutes for the appointment of Principal or Agent? To the power of attorney.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Bidders to provide "Forms" and other information as required under the specific Bidding Documents' requirements.</p>

25.	The deadline for submission of bids in the Invitation for Bids letter (IFB) for Lot 2 is 9 th August, 2024 while the deadline for submission of bids in the Instructions to Bidders Lot 2 (ITB Lot 2) is 2 nd August, 2024. We seek clarification as to which one of the two dates is the deadline for bid submission.	Prospective Bidders are informed as follows: Refer to Addendum No. 2.
26.	According to clause ITB 14.6, Price Adjustment shall be applied based on the indices published by the South African Federation of Civil Engineering Contractors. However, it has been noticed that such indices by the South African Federation of Civil Engineering Contractors no longer gets published. We seek clarity on what indices will be used and how these indices can be accessed. Please provide website if they will be accessed from a website.	Prospective Bidders are informed as follows: Refer to Addendum No. 2
27.	During pre-qualification stage, an audited financial statement for five years, that's from 2017-2021, was submitted. We seek clarification on whether we should submit that same statement or we have to include an audited financial statement for 2022 and 2023 too.	Prospective Bidders are informed as follows: Refer to Addendum No. 1 on Financial Situation. Bidders are to provide Financial Situation for years 2019 to 2023.
28.	Please confirm us if this project is exempt of taxes and duties.	Prospective Bidders are informed as follows: Refer to the items above and Clarification No. 1
29.	Please provide the geotechnical report for this project.	Prospective Bidders are informed as follows: The Contractor is not required to Design and Build on this tender, the Employer does not provide such reports during the Bidding process.
30.	We found that several items in the specifications with the same code do not correspond to those in the BoQ. We appreciate the possibility of updated of the specifications in according to BoQ.	Prospective Bidders are informed as follows: To specifically state the items in the specifications with the same code which do not correspond to those in the BOQ. Bidders to price as per the Bidding Documents.

31.	<p>For “Item B14.01 – Office and laboratory accommodation”, (e) “ablutions” and Item B14.05 (d) “Latrines” and equipment’s</p> <p>Is very important send us more information, such as: drawings and if the construction solution can be modular prefabricated or must be a traditional masonry construction. In the end contract, these buildings, as well as all the equipment, are for you "Employer", right? Informatic equipment’s and software too? Please confirm us.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Refer to the above items with regard to offices, laboratory and houses. Details of equipment is provided accordingly in the Bidding Documents: Bidding Document, Part 2 Section VI: Requirements.</p>
32.	<p>For “Item B14.03 (iv) – Low-pressure gas”</p> <p>Please send us quantities, more information, drawings and dimensions, as well as whether it is just a set of cylinder/canister and regulator with hose.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Details of equipment is provided accordingly in the Bidding Documents: Bidding Document, Part 2 Section VI: Requirements.</p>
33.	<p>For “Item B14.05 (c) - Cooking unit”</p> <p>Please note that is very important send us more information and details of the equipment they must have per unit.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Details of equipment is provided accordingly in the Bidding Documents: Bidding Document, Part 2 Section VI: Requirements.</p>
34.	<p>For “Item 21.12 – Concrete outlet structures (a), manhole boxes, junction boxes (b) and cleaning eyes (c)”</p> <p>Please provide drawing and dimensions corresponding to each of the items above.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Drawings for drainage structures were provided under the file, 3190-DD-B6-DRAINAGE.</p> <p>Also refer to Drawing No. B6.2 [3190-DD-B6.2-CULVERTS-Ed01]</p> <p>In addition, the Engineer in conjunction with the Contractor will provide drawings and instruct the Contractor as to the final location, setting out and dimensions of these minor structures during Construction.</p>
35.	<p>For “Item B23.17 – Pedestrian slab bridge over drain (typical design as shown on drawings)” (a) Type 1 slab; (b) Type 2 slab</p>	<p>Prospective Bidders are informed as follows:</p>

	<p>Please provide drawings and dimensions as they have not been sent.</p>	<p>Please refer to drawing No. B6.7 [3190-DD-B6.7-SIDE-DRAIN-DETAILS-Ed01]</p> <p>The Engineer in conjunction with the Contractor will provide drawings and instruct the Contractor as to the final location, setting out and dimensions of these minor structures during Construction.</p>
<p>36.</p>	<p>For “Item B26.05 – Concrete grouting of gabion surfaces”</p> <p>How thick is concrete? It is possible to provide drawings type and location of works.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Please refer to drawing No. B6.5 [3190-DD-B6.5-PROTECTION-CONCRETE-Ed01]</p> <p>The Engineer in conjunction with the Contractor will provide drawings and instruct the Contractor as to the final location, setting out and dimensions of these minor structures during Construction.</p>
<p>37.</p>	<p>For “Items (g), (h), (i), (ii) – Fencing / Gates”</p> <p>Please provide drawings and dimensions of the type of fence required.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Part 2: Employer’s Requirements Section VI Requirement: Bidding Document, Part 2 Section VI: Requirements, The Specification - Part A shall be the SATCC Draft Standard Specifications for Road and Bridge Works – September 1998 (Reprinted July 2001). Under these specifications details are provided form many items such as detours. Check SERIES 1000: GENERAL SECTION 1400 : HOUSING , OFFICES AND LABORATORIES FOR THE ENGINEER’S SITE PERSONNE for the type of fencing.</p> <p>The Engineer in conjunction with the Contractor will provide drawings and instruct the Contractor as to the final location, setting out and dimensions of these minor structures during Construction.</p>
<p>38.</p>	<p>Cross-sections profiles of the road (Drawings 3190-DD-B4-TYPICAL-CROSS-SECTIONS), namely type of concrete asphalt (base and surfacing) and layers thickness, do not correspond to what is defined in the BOQ. Please update and let us know what prevails.</p>	<p>Prospective Bidders are informed as follows:</p> <p>Kindly follow the BOQ as the drawings will be revised under the Directive to the Engineer.</p> <p>Bidders should study the Directive to the Engineer to understand the changes and revisions to be performed by the Engineer.</p>



39.	<p>We write regarding clarification on the billed items 35.01 and B35.02 write regards quantities for subbase stabilization against items B34.01 for bidding of the carriage way quantities. It appears to us that the quantities for items 34.02 full rehabilitation also contain the quantities for bidding. We need to know which item should be priced (for items 35.01, items B34.01 and items 34.02) and which item should be put "Rate only".</p> <p>We hope to receive this clarification information as soon as possible so that we can prepare our bid document in accordance with the project's requirements.</p>	Prospective Bidders are informed as follows: All items should be priced for in accordance with the Bidding Documents and the BOQs.
40.	Prospective bidders enquired as follows: Requested for three (3) weeks extension of Time.	Prospective Bidders are informed as follows: Refer to Addendum No. 2
41.	<p>We are writing to express our sincerest apologies for missing the proposed site visit and pre bid meeting scheduled on 9th and 10th July 2024 consecutively. Regrettably due to scheduling conflicts, we were unable to attend as planned</p> <p>Therefore, we kindly request your assistance in rescheduling the site visit at your earliest convenience.</p>	Prospective Bidders are informed as follows: As per ITB 7.4, Attendance was not mandatory or compulsory at either the Pre-Bid Meeting or the Site Visit. The Pre-Bid meeting and Site Visit has already been held on the scheduled date and cannot be rescheduled. However, bidders can undertake any additional Site Visit on their own.

Yours Faithfully,

Chilufya Mwenya
CHIEF PROCUREMENT MANAGER

Issued on Wednesday 7th August, 2024