

# TANZANIA NATIONAL ROADS AGENCY



Good roads for national development

## CONSTRUCTION OF DAR ES SALAAM BUS RAPID TRANSIT (BRT) INFRASTRUCTURE – PHASE 3: LOT 1 – ROAD WORKS (23.33KM)

TENDER NO. AE/001/2019-20/HQ/W/03

### Clarification No. 3

Date: 14<sup>th</sup> September 2020

With reference to the questions/queries raised by the prospective bidders and pursuant to Instructions to Bidders ITB 7.1, TANROADS is herewith providing clarifications as follows:-

S/N	Issues/Questions	Clarifications/Responses
1.	<p>"Section IV. Bidding Forms "Bill 1000: General</p> <p>Item no. 14.05 (a) - Provide 4No. Brand new manual transmission 4WD Long Wheel Base station wagon, Min 4.5 litres diesel engine vehicles for the Engineer and Employer approved by the Engineer."</p> <p>As per BOQ the engine capacity requirement is 4.5 litres; however as per work requirement clause 1407 the engine capacity equipment is 3 litres. Request Authority to kindly clarify the exact engine capacity requirement.</p>	<p><i>The Minimum Engine capacity has been amended.</i></p> <p><i>Please refer Item No. 11 of <b>Addendum No. 2.</b></i></p>
2.	<p>Bill of Quantities"</p> <p>"Bill 3000: Earthworks and Pavement Layers of Gravel or Crushed Stone Item no. 32.01 (a) - Removal of existing pipe culvert including headwalls, wing wall and apron Item no. 32.01 (b) - Removal of box culverts and slabs including headwalls, wingwall and apron"</p> <p>"Request Authority to kindly provide drawings or some details of the existing structures and location, as the item unit is in Nos. The details/ drawings will help us in understanding the quantum of work at each location"</p>	<p><i>There are no as-built drawings for existing drainage structures to be demolished.</i></p> <p><i>However, the sizes of pipe culverts vary from 600mm to 1200mm in diameter and box culverts are normally reinforced concrete structures. Therefore, based on the indicated sizes of pipe culverts and the composition of existing drainage structures, the Bidder should be able to quote its prices competitively.</i></p>

S/N	Issues/Questions	Clarifications/Responses
3.	<p>"Section IV. Bidding Forms</p> <p>"Bill 11000: Relocation of Water Pipeline item no. 2: DN 250 Operating Pressure at 10 bars Pipe material - Ferrous material"</p> <p>There are various categories of pipes like Stainless steel (SS), Ductile Iron (DI), Cast Iron (CI), Copper pipes etc. under Ferrous material, generally DI pipes with internal cement lining is used, request Authority to kindly clarify the same.</p>	<p><i>Please refer to Specification for Relocation of Water Utilities:</i></p> <p><b>SECTION 2.601 STEEL PIPES AND FITTINGS - MATERIALS AND STANDARDS</b></p>
4.	<p>Bill of Quantities"</p> <p>"Bill 11000: Relocation of Water Pipeline Fittings"</p> <p>The pipe fitting material head contains only bends with various degrees. Other fittings like Tees, Flanges, Collar / Couplings, Tail pieces, Reducers etc. are not mentioned in BOQ items. Since major expenses (about 75-80%) in water pipeline is cost of the pipes &amp; fittings. Request Authority to kindly provide the quantities of other fittings.</p>	<p><i>With the exception of the bends, all other fittings are included in the respective pipework bills items.</i></p>
5.	<p>"Section IV. Bidding Forms</p> <p>"Bill 11000: Relocation of Water Pipeline item no. 3.1.16 - 3.1.20 - Air Valve and Washouts"</p> <p>The appurtenances head contains Air valve, washout only. It didn't consider Sluice valve to control / regulate supply of water. Cost of valves is high considering various diameter of pipes from DN 150 to DN 600. Therefore, request Authority to kindly provide quantity of Sluice Valve and other required items.</p>	<p><i>Yes, the sluice valves are not provided in the BOQ. Relocation work, consisting only of affected appurtenances.</i></p>
6.	<p>Bill of Quantities"</p> <p>"Bill 14000: Relocation of Gas Pipelines EXCAVATING TRENCHES TO RECEIVE PIPES"</p> <p>Request Authority to kindly provide trench cross section details to receive gas pipelines.</p>	<p><i>Please refer to Series 2000 Section 2214 of Standard Specifications for Road Works-2000</i></p>
7.	<p>"Section IV. Bidding Forms</p> <p>"Bill 14000: Relocation of Gas Pipelines EXCAVATING TRENCHES TO RECEIVE PIPES"</p> <p>Request Authority to kindly provide data regarding soil condition till pipe laying depth.</p>	<p><i>Please refer to Volume 5B: Materials Report for Subgrade/Soil Condition along the project.</i></p>
8.	<p>Bill of Quantities"</p> <p>"Bill 14000: Relocation of Gas Pipelines item no. A: 1250mm deep "</p> <p>As per the description the min. depth of excavation shall be 1.5m and item states depth of 1.25m. Please provide exact depth requirement</p>	<p><i>Bidders' attention is drawn to the depth indicated in BOQ Item "A".</i></p>

S/N	Issues/Questions	Clarifications/Responses
9.	<p>Section IV. Bidding Forms</p> <p>"Bill 14000: Relocation of Gas Pipelines item no. C: Approved excavated sand, around gas pipe tops blinded to Special crossing to existing trunk roads "</p> <p>Request Authority to kindly provide cross section drawings to understand the exact requirement of gas pipeline over and around pipes</p>	<p><i>Please refer to response on <b>Question No. 8</b> above.</i></p> <p><i>Typical Drawing No. BRT3-1/TOP/627 showing the minimum depth excavation of 1250mm. Please refer Item No. 15 of <b>Addendum No. 2</b>.</i></p>
10.	<p>Bill of Quantities"</p> <p>"Bill 14000: Relocation of Gas Pipelines item no. D: Horizontal drilling crossing trunk roads"</p> <p>Request Authority to kindly clarify, whether the horizontal drilling required is with or without casing and temporary or permanent casing to be provided</p>	<p><i>The horizontal drilling is with permanent casing.</i></p>
11.	<p>"Section IV. Bidding Forms</p> <p>"Bill 14000: Relocation of Gas Pipelines item no. F: General Water"</p> <p>Request Authority to kindly provide data ground water level accordingly water pump requirement to be decided</p>	<p><i>Please refer to response on <b>Question No. 7</b> above.</i></p> <p><i>Specifications of Materials for gas pipe line works is provided. Please refer Item No. 14 of <b>Addendum No. 2</b>.</i></p>
12.	<p>Bill of Quantities"</p> <p>"Bill 14000: Relocation of Gas Pipelines item no. I: HDPE 200mm diameter sleeve pipes complete with fittings, pipe; solvent weld straight couplings in running, 2.0m high; laid perpendicular to gas pipe "</p> <p>The purpose of the sleeve pipes of 200mm dia. is not clear, request Authority to kindly provide respective drawings and specification to understand the requirement</p>	<p><i>Please refer to response on <b>Question No. 9</b> above.</i></p> <p><i>Specifications of Materials for gas pipe line works is provided. Please refer Item No. 14 of <b>Addendum No. 2</b>.</i></p>
13.	<p>Section IV. Bidding Forms</p> <p>Bill 14000: Relocation of Gas Pipelines item no. I (2): Steel Valves and Flanges"</p> <p>Request Authority to kindly provide respective drawings and specification to understand the requirement</p>	<p><i>Specifications of Materials for gas pipe line works is provided. Please refer Item No. 14 of <b>Addendum No. 2</b>.</i></p>
14.	<p>Bill of Quantities"</p> <p>"Bill 14000: Relocation of Gas Pipelines Item No. I (3): Fittings"</p> <p>"There are few quantities of fittings as mentioned below missing, request Authority to kindly revise the BOQ as per requirement</p> <p>1. Reducer 63 mm to 32 mm</p>	<p><i>Bidders are required to abide to the requirements of the Bidding Documents.</i></p>

S/N	Issues/Questions	Clarifications/Responses
	2. Coupler 63 mm and 32 mm 3. End Cap 32 mm 4. Elbow 90 deg. 63 mm and 32 mm"	
15.	"Section IV. Bidding Forms "Bill 14000: Relocation of Gas Pipelines Item no. 5 Warning Tape"  Request Authority to kindly provide warning tape specifications	<i>The Warning Tape is 50mm wide, woven strands of non- conductive polypropylene, Yellow in colour with Black lettering printed TPDC GAS PIPELINE UNDERNEATH.</i>
16.	Bill of Quantities"  "Bill 14000: Relocation of Gas Pipelines item no. 6: Tracer Wire"  Request Authority to kindly provide specifications and Jointing technique details	<i>Details are as per the respective manufacturer's specifications.</i>
17.	Section IV. Bidding Forms  "Bill 14000: Relocation of Gas Pipelines item no. 7: Metal Marker Post"  Request Authority to kindly provide drawing and specifications and also we presume quantity required shall be 7/ 8 nos. instead of 1 no. considering fixing distance @ 100mm	<i>Typical Drawing No. BRT3-1/TOP/627 is provided.</i>  <i>Please refer Item No. 15 of <b>Addendum No. 2.</b></i>  <i>Precast Concrete Marker Posts to be positioned at 100m intervals. The BOQ description and number of marker posts have been amended accordingly.</i>  <i>Please refer Item No. 7 of <b>Addendum No. 2.</b></i>
18.	Bill of Quantities"  "Bill 14000: Relocation of Gas Pipelines item no. 10.10: Allow for closing valve; gas remove from by purging; de - commissioning"  Please clarify whether the gas remove from by purging to be done with Nitrogen Purging or some other technique	<i>Nitrogen purging will be used for gas removal.</i>
19.	Volume 3A Bidding Documents: Drawings - Road Works  "Plan and Profile Rozana Feeder Station Drg. No. BRT3/ PP/ 043"  Request Authority to kindly provide BOQ for Rozana Feeder Station. As the same is missing in the provided BOQ.	<i>Rozana Feeder Station will not be constructed under this Phase.</i>
20.	General Gas Pipeline Specifications  Request Authority to kindly provide specifications for relocation of gas Pipeline	Specifications of Materials for gas pipe line works is provided.  <i>Please refer Item No. 14 of <b>Addendum No. 2.</b></i>

S/N	Issues/Questions	Clarifications/Responses
21.	<p>Since the Addendum No. 1 was issued on 7<sup>th</sup> August 2020, our queries raised through letters dated 7<sup>th</sup> August 2020 and 13<sup>th</sup> August 2020 are yet to be answered. In the view of current COVID-19 pandemic situation, travel to Tanzania from India is restricted and has impacted on our access for site studies and delayed the bid preparation timelines.</p> <p>In view of the above and complexity of the project, we kindly seek an extension of bid submission deadline by 6 weeks at least from the existing deadline of 15<sup>th</sup> September 2020.</p>	<p><i>The bids submission date is extended from 15<sup>th</sup> September 2020 to 6<sup>th</sup> October 2020.</i></p> <p><i>Please refer Item No. 18 &amp; 19 of Addendum No. 2.</i></p>
22.	<p><i>Refer to Item No. 3 of Clarification No. 2 dated 17<sup>th</sup> August 2020.</i></p> <p>Section IV. Bidding Forms- Bill of Quantities 'Bill 1000: General</p> <p>Item no. SS12.07 - Fabrication and mounting of Road Project Sign Boards as directed by the Engineer</p> <p>'Request Authority to kindly provide quantity of Project sign boards as the same is missing in the BOQ.</p>	<p><i>The missing quantities have been inserted.</i></p> <p><i>Please refer Item No. 1 of Addendum No. 2.</i></p>
23.	<p><i>Refer to Item No. 12 of Clarification No. 2 dated 17<sup>th</sup> August 2020.</i></p> <p>Section IV. Bidding Forms- Bill of Quantities 'Bill 6000A: Box Culverts</p> <p>Section 6400: Concrete for Structures Item no. 64.01 (a) and (b) - Class of 20/20 for blinding and Class of 25/20 structural concrete respectively.</p> <p>'The grade of concrete mentioned in the BOQ does not match with the grade of concrete mentioned in general design and construction notes. In construction notes the grade of concrete for blinding concrete is grade 15/20 and box culvert grade 30/20. Please clarify which grade to be considered.</p>	<p><i>There was a typo error in the BOQ and drawings for Box Culvert. The concrete grades for use in Blinding and Reinforced Structural Concrete have been amended.</i></p> <p><i>Please refer Item No. 5 of Addendum No. 2.</i></p>
24.	<p>In the Section IV: Bidding Forms, there is a "ICB No. and title" that bidders shall fill in for EL1-1.1, EL1-1.2, Form CON-2, Form CON-3, Form FIN-3.1, Form FIN-3.2, Form EXP -4.1, Form EXP-4-2(a), Form EXP-4.2 and Form EXP-4.2(c).</p> <p>Please kindly clarify what "ICB title" is . Shall the bidders fill in both the "ICB No. and ICB title" or just fill in the "ICB No".</p>	<p><i>ICB No. is other term for Tender No. which is "AE/001/2019-20/HQ/W/03"</i></p> <p><i>ICT title is: "Construction of Dar es Salaam Bus Rapid Transit (BRT) Infrastructure, Phase 3; Lot 1: Road Works (23.33km)".</i></p> <p><i>Bidders are required to fill in all Bidding Forms with "ICB No. and title".</i></p>
25.	<p>We request for two weeks (which means 29th September 2020) extension of bid submission in order for us to prepare the best proposal</p>	<p><i>Please refer to response on Question No. 21 above.</i></p>

S/N	Issues/Questions	Clarifications/Responses
26.	<p>BoQ item SS42.01 Bituminous base course requests for Bitumen PG70-16 performance grade bitumen and SS42.02 Asphalt Concrete surfacing needs PG76-16 performance grade bitumen. As our investigation, PG70-16 and PG76-16 performance grade are not available in Tanzania market. Please clarify whether they can be replaced with Bitumen Grade 60/70 Or 80/100?</p>	<p><i>The specified PG70-16 and PG76-16 are performance grade bitumen materials that cannot be replaced with standard penetration Bitumen Grade 60/70 or 80/100 as they are two distinct groups of materials. The asphalt concrete mix intended for this project has to be designed using Superpave Method with performance grade bitumen (i.e. PG70-16 and PG76-16) being an important ingredient.</i></p> <p><i>The PG70-16 and PG76-16 performance grade bitumen materials are available in the market worldwide.</i></p>
27.	<p><b>Clarification No. 1, Point No.9:</b></p> <p><b>Query:</b></p> <p>In according to Section III: 4(a)(i): A minimum number of similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management Kindly clarify whether a road project passing through towns/inhabited of the size and requirement and involving all the items of work as stated in the requirement of Section VII, can be considered to satisfy the requirement. Whether such project involving all the activities as per the works requirement as giving in Section-VII, can be considered as the similar project, although not classified as BRT.</p> <p><b>Response:</b></p> <p>A project undertaken within a built-up City of the size and requirement and involving all works items with similar scope or more than those stated in the requirement of Section VII: although not classified as BRT can be considered as similar projects during the evaluation process.</p> <p><b>Clarification No. 2, point No.2:</b></p> <p><b>Query:</b></p> <p>We as a Company have worked on BRT Project in India for a length of 16.05 km and approx. project value - USD 27.5 MN. Within last 10 years; however, we have completed Highway Projects worth more than USD 200 Mn. which suffice the requirement of specific quantities, we request you to kindly clarify whether above projects combined can be considered under similar experience and qualify us under the specific requirement</p>	<p><i>Refer to our response on Item No. 9 of <b>Clarification no. 1 dated 07<sup>th</sup> August 2020.</b></i></p> <p><i>Further, the requirements specified in Section III – 4 (a) (i) should be abide.</i></p>

S/N	Issues/Questions	Clarifications/Responses
	<p><b>Response:</b> Please refer to item no. 9 of clarification no. 1 dated 07<sup>th</sup> Aug 2020.</p> <p>In your response it states project undertaken within a built up city will be considered. Does it implicate that eligibility to bid for this project needs to have specifically an urban project involving construction of roads in a city area fulfilling the required quantities of Asphalt Concrete Pavement – 20,000 m<sup>3</sup> and Construction of concrete – 40,000 m<sup>3</sup> in any 1 year.</p> <p>We have done several highway projects with similar scope (toll plaza building, bus shelters and construction of roads) but these are projects that involved construction of highway between 2 cities and not within the city. Our projects fulfill the above required quantities. Will this experience be acceptable for our eligibility?</p>	
28.	<p>In the current situation, international commercial travel from India to Tanzania has still not opened and this has majorly affected our site access and on ground studies for bid preparation.</p> <p>We have requested for an extension of deadline by at least 6 weeks vide our letter dtd 13/08/2020 and we hope you will oblige.</p>	<p><i>Please refer to response on <b>Question No. 21</b> above.</i></p>
29.	<p>The original ground level of service road is not given. Please kindly provide.</p>	<p><i>The service roads under consideration are existing service roads. The existing service road levels and the proposed service road levels are provided. Please refer to Plan and Profile drawings from DRW No. BRT 3 / PP / 030 to DRW No. BRT 3 / PP / 040.</i></p>
30.	<p>The installation location of the street lights is not specified, and the laying location of the line is not given. Please kindly provide.</p>	<p><i>The layouts and other details for streetlights are provided on Tender drawings for street lights from DRW No. BRT3-RD-EL-01 to BRT3-RD-EL-24.</i></p>
31.	<p>The installation location of the street lights is not specified, and the laying location of the line is not given. Please kindly provide.</p>	<p><i>Please refer to response on <b>Question No. 26</b> above.</i></p>
32.	<p>The specific locations of the pipe culverts with diameters of 0.6 meters and 1.2 meters are not given. Please kindly provide.</p>	<p><i>The locations are clearly described under BOQ item 22.03 (b) (i) sub-item (b) and BOQ item 22.03 (b) (ii)</i></p>
33.	<p>The locations of cameras and manholes are not specified, and the layout and size of communication pipeline are not given. Please kindly provide.</p> <p>In the Bidding Documents: Drawings, there are no cross sections of K5+600-K6+700, K10+225-</p>	<ul style="list-style-type: none"> <li>• <i>The location of cameras and its respective manholes are indicated in DRW. No. BRT3-ICT-INT-01 to 15</i></li> <li>• <i>Size of Communication Pipe Line (Backbone Optical Fibre</i></li> </ul>

S/N	Issues/Questions	Clarifications/Responses
	K10+325, K10*425-K10+525, K16+950-K17+025 for Nyerere road section, and K0+475-K0+525 for Mandela road section, please kindly provide.	<p><i>Link System) is indicated in Element 2 of Bill 9000 of the BOQ.</i></p> <p><i>Please refer to our response on Item 5 of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i></p>
34.	If the aggregates are processed by the contractor, does the Employer have a designated quarry/source? If so, please specify the location and owner of the quarry/source.	<p><i>The Employer does not have any quarry.</i></p> <p><i>Please, for locations of quarry sites, refer to Bidding Documents - Volume 5B: Materials Report provided to the Bidders for information only.</i></p>
35.	In the Bidding Documents: Drawings, there are no construction drawings of building works for BRT bus stations. please kindly provide.	<p><i>Please refer to our response on Item 6 (a) of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i></p>
36.	There are no details of steel reinforcement for bridges, please kindly provide.	<p><i>Please refer to our response on Item 6 (b) of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i></p>
37.	The stair columns of flyovers are designed as concrete, but no drawings for their foundations are provided. Please provide the foundation drawings of flyover stairs.	<p><i>Please refer to our response on item 6 (c) of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i></p>
38.	There are no detailed drawings of the bridge with a length of 200 meters located at k3+200 k3+400 in the Bidding Documents: Drawings, and there is only a bridge shown in the profile drawing of document Plan and Profile 01. Please kindly provide the detailed drawings of the above-mentioned bridge.	<p><i>Please refer to our response on Item 3 of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i></p>
39.	In the BOQ 36.02(b), there is a quantity of 140,066 m <sup>3</sup> for improved subgrade minimum G7 quality material, but it is not shown in the Drawings which part this material is used for, please clarify.	<p><i>Please refer to our response on Item 7 of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i></p>
40.	The project includes two flyovers, one of which is at K11 +200, but the location of the other one is not clear, please indicate.	<p><i>Please refer to our response on Item 4 of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i></p>
41.	Please kindly provide the MS Excel Version of Bill of Quantities.	<p><i>Please refer to our response on Item 1 of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020.</b></i></p>
42.	There is no drawing for the Ticketing Booth.	<p><i>There are no separate drawings for Ticketing Booths. Ticketing Booths are rooms partitioned within the bus stations.</i></p>



S/N	Issues/Questions	Clarifications/Responses
		<i>Please refer to our response on item 6 (a) of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020.</b></i>
43.	There is no drawing No. Drawing No. BRT3-1/STR/587-588 as indicated in the BOQ for Roof covering to pedestrian bridge including steel structure.	<p><i>The correct roof covering detail is on DRW. No. BRT3-1/STR/35– 36.</i></p> <p><i>Therefore, BOQ Item 67.02 (g) is modified.</i></p> <p><i>Please refer Item No. 6 of <b>Addendum No. 2.</b></i></p>
44.	No description is given for the Engineer's Accommodation House type I, House Type II and House Type III for bidding purposes.	<i>Please refer to our response on Item 34 of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i>
45.	There is no indication of the area to be demolished for the following buildings: - Building Bill No. 1 — Pedestrians footpath at TAZARA, terminal shed at Airport and on Building Bill No. 2 - Gongo la Mboti Terminal Shed, Gongo la Mboti Feeder Station, Control and Administration Building, Ablution block, Security Hut and Filling Station.	<i>Please refer to our response on Item 35 of <b>Clarification No. 1 dated 7<sup>th</sup> August 2020</b></i>
46.	<p>Pursuant to No. 3.5-Contractor's Representative and Key Personnel of Section III, a position "Sexual Exploitation, Abuse and Harassment Expert" is required with qualification of "Degree of Science with speciality in Gender Studies or equivalent qualifications".</p> <p>Please kindly clarify: if personnel with related degree like Sociology or Human Resources will be qualified for this position?</p>	<i>. Please refer Item No. 9 of <b>Addendum No. 2.</b></i>
47.	<p>General</p> <p>We understand that the project is funded by World Bank. In this case please confirm whether project enjoys any tax exemptions like exemption from payment of</p> <ol style="list-style-type: none"> <li>1) Corporate tax</li> <li>2) VAT on sales and purchases</li> <li>3) Customs duty on import of material and services</li> <li>4) Income tax on ex-patriate employees</li> <li>5) Social security contributions of ex-patriate</li> </ol>	<p><i>The project does not have any Tax Exemption.</i></p> <p><i>Please refer to Clause 14 of Instruction to Bidders and Preamble to Bill of Quantities.</i></p>

S/N	Issues/Questions	Clarifications/Responses
	<p>employees 6) City service levy/ Fuel levy 7) Any other taxes and duties.</p>	
48.	<p>Volume 4 BOQ, Buildings, ELEMENT No.4: ROOFING</p> <p>Item description “Supply and fixing IT5 gauge 26 pre-painted aluminium roofing sheet; fixing to steel Z-purlins in accordance to manufacturer's specification Roof covering sloping not exceeding 45 degrees from Horizontal.”</p> <p>Comment: The colour of pre-painted aluminium sheet is not mentioned. Kindly specify the colour of pre-painted aluminium roofing sheet to be provided.</p>	<p><i>The provisional colour is aqua green.</i></p> <p><i>However, the final colour of roofing sheets will be decided by the Engineer during construction.</i></p>
49.	<p>Volume 4 BOQ, Roadworks, Series 2000</p> <p>Item description, “22.21 (b) Inlet Grids including frames (As specified on Drawings)”</p> <p>Comment: Drawing of Inlet grid is not available. Kindly provide us the drawing/ specification of inlet grids.</p>	<p><i>Please refer to DRW. No BRT3/TCS/003 for a detail of drop inlet grating.</i></p> <p><i>For locations of drop inlet, please refer to DRW No. BRT3-1 / DP / 1991 to BRT3-1 / DP / 2066.</i></p>
50.	<p>Volume 4 BOQ, Building- Bus station, ELEMENT NO.2 - SUBSTRUCTURE</p> <p>Item description, “XPS to protect water proofing”</p> <p>Comment: Specification of XPS is not available. Kindly provide us the specification of XPS.</p>	<p><i>Normally, the XPS material for substructure is a 4mm thick minimum, closed-cell thermal insulation and waterproof board made from rigid extruded polystyrene foam (XPS). Other specifications are strictly in accordance with manufacturer's recommendations and as shall be agreed by the Engineer.</i></p>
51.	<p>BRT Station Type-B Staggered</p> <p>Please provide list of BRT stations including staggered type stations.</p>	<p><i>All types of Bus Stations have been indicated in the Plan and Profile Drawings.</i></p> <p><i>Please refer DRW No. BRT 3 / PP / 001 to 047.</i></p>
52.	<p>Type of Pavement</p> <p>We understand that there are two types of pavement structures i.e. Type-1 and Type-2. As per standard drawings pavement type-2 is to be</p>	<p><i>Please refer to Item No. 27 of <b>Clarification No. 2 dated 12<sup>th</sup> August 2020.</b></i></p>

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	<p>provided at BRT station whereas, plan and profile shows Type-2 pavement at other locations too.</p> <p>Please clarify applicable locations of Pavement Types.</p>	
53.	<p>Structure Drawing for Pedestrian flyover</p> <p>In structure drawing there is no provision of roof covering at pedestrian flyovers whereas, there are BOQ items for roof covering.</p> <p>Please provide drawings for roof covering at pedestrian flyover.</p>	<p><i>Please refer <b>Clarification No. 43 above.</b></i></p>
54.	<p>Land Acquisition</p> <p>As per the Standard specification for Roadworks 2000 “All land to be permanently used or occupied by the Works will be provided by the Employer, but the approval of the Engineer must be sought before entry upon the land. In all cases, the Contractor shall be required to make all necessary arrangements with local authorities and owners or legal occupants of the land and to pay the cost of compensation on behalf of the Employer. For this purpose, the Contractor will liaise with the regional administration or the appropriate authority and advise of the intention to commence work of any kind. The Employer will refund to the Contractor such payments, as provided in the Bill of Quantities, and all lands so purchased shall be the property of the Employer. The attention of the Contractor is drawn to the provisions of CLAUSE 1214 as regards his activities on private land and to SECTION 3400 for acquisition of land for borrow pits, quarries and temporary works. The Contractor shall observe all the legal provisions and the provisions of the Special specifications in respect of his activities at borrow pits and when finishing off the borrow pits. The Contractor shall satisfy himself that all necessary negotiations have been made with the Owner or Legal Occupants of the ground prior to entry.”</p> <p>We understand that Land Acquisition shall be the responsibility of Employer and the site shall be handed over to the Contractor with Right of Way</p>	<p><i>Please refer to Item No. 52 of <b>Clarification No. 1 dated 5<sup>th</sup> August 2020.</b></i></p> <p><i>Land acquisition for construction of permanent works is a responsibility of the Employer. However, it is Contractor’s responsibility to acquire Land for borrow pits, quarries and contractor’s camp.</i></p>

S/N	Issues/Questions	Clarifications/Responses
	<p>required for the construction works. Please confirm.</p>	
55.	<p><i>Refer to Item No. 34 of <b>Clarification No. 1 dated 5<sup>th</sup> August 2020.</b></i></p> <p>Bill of Quantities Series 1000: General 14.01 Houses of the Engineer (a) to (d) Accommodation for the Engineer for renting in Dar es Salaam: (a) Provide or rent 1No. Type I house fully furnished and equipped for the Engineer. (b) Provide or rent 5No. Type II house fully furnished and equipped for the Engineer. (c) Provide or rent 3No. Type III house fully furnished and equipped for the Engineer.</p> <p>Please provide detail requirements of Type I, Type II and Type III houses and accommodation including furnishing and equipment, if any.</p>	<p><i>Details of accommodation for the Engineer has been provided under Section 1400 of Special Specifications. Therefore, BOQ items under series 1000 should be read in conjunction with Section 1400 of the Special Specifications for Road Works.</i></p> <p><i>Also refer Item No. 13 of <b>Addendum No. 2.</b></i></p> <p><i>The accommodation for the Engineer shall be provided as agreed by the Engineer.</i></p>
56.	<p><i>Refer to Item No. 38 of <b>Clarification No. 1 dated 5<sup>th</sup> August 2020.</b></i></p> <p>Section VII. Works Requirements Supplementary Information Supplementary Information is separately bound as Volume 5 AS FOLLOWS: Request you to provide:</p> <ul style="list-style-type: none"> <li>• Volume 5A Hydraulic Report (For Information only)</li> <li>• Volume 5B Material Report (For Information only)</li> <li>• Volume 5C Guide to Traffic Signals and Naming of Bus Station (For Information only)</li> <li>• Volume 5D Traffic Management Plan (For Information only)</li> <li>• Volume 5E Updated Resettlement Auction Plan (For Information only)</li> <li>• Volume 5F Updated ESIA report (For Information only)</li> </ul> <p>We have not received these reports. Please provide</p>	<p><i>Please refer Item No. 16 of <b>Addendum No. 2.</b></i></p>
57.	<p><i>Refer to Item No. 47 of <b>Clarification No. 1 dated 5<sup>th</sup> August 2020.</b></i></p> <p>Section IV. Bidding Forms</p> <p>3.6 Equipment</p>	<p><i>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</i></p>

S/N	Issues/Questions	Clarifications/Responses
	<p>No. Equipment Type</p> <ol style="list-style-type: none"> <li>1. Bulldozer with blade and ripper</li> <li>2. Bulldozer with blade and ripper</li> <li>3. Track Loader (Cat 953C or equivalent)</li> <li>4. Loader</li> <li>5. Wheeled excavator bucket</li> <li>6. Wheeled excavator bucket</li> <li>7. Crane - 300T</li> <li>8. Mobile Crane</li> <li>9. Mobile Crane</li> <li>10. Tipper Truck etc.</li> </ol> <p>'It is observed that same equipment with different capacity are mentioned twice in the table, we would like to request Authority to kindly look into the table and revise accordingly considering the nature of work.</p> <p>- As per the table 2 Cranes of 300T capacity are required, request Authority to kindly check if the cranes with 300T capacity are required</p>	<p><i>methodology of implementing the works. The Employer has considered the Bidder's observation and the requirement of 2Nos. of Crane (300T) has been amended.</i></p> <p><i>Please refer Item No. 10 of <b>Addendum No. 2.</b></i></p>
58.	<p><i>Refer to Item No. 25 of <b>Clarification No. 1 dated 5<sup>th</sup> August 2020.</b></i></p> <p>General Construction Experience – Five (5) years, starting 1st January 2016. Five years starting 1st January 2016 will be 1st January 21. This date is a futuristic date. Please clarify.</p>	<p><i>Please refer Item No. 8 of <b>Addendum No. 2.</b></i></p>
59.	<p><i>Refer to Item No. 6 of <b>Clarification No. 2 dated 17<sup>th</sup> August 2020.</b></i></p> <p>Section IV. Bidding Forms- Bill of Quantities</p> <p>'Bill 1000: General</p> <p>item no. 14.01(f) - (i) - Maintain and pay all rents and municipal services for rented house fully furnished and equipped for the Engineer - 36 (house unit x month)</p> <p>'The Project duration as per document is 20 months, out of which 3 months is mobilization period. Considering 17 months Construction Period + 12 months DLP, the total months will be 28 months.</p> <p>Request Authority to kindly clarify how the payment will be made for 36 months for each type of house unit.</p>	<p><i>The Project period is 20 Calendar Months plus 12 calendar months of Defects Notification Period.</i></p> <p><i>The BOQ Items No. 14.01(f) - (i) have been adjusted accordingly.</i></p> <p><i>Please refer Item No. 2 of <b>Addendum No. 2.</b></i></p>
60.	<p><i>Refer to Item No. 7 of <b>Clarification No. 2 dated 17<sup>th</sup> August 2020.</b></i></p>	

S/N	Issues/Questions	Clarifications/Responses
	<p>Section IV. Bidding Forms- Bill of Quantities</p> <p>'Bill 1000: General item no. 14.02(b)/ 14.05(b)/ 14.06(b)/ 14.07(b)/ 14.08(b)/ 14.09(b) - Offices/ Vehicles/ Survey equipment/ Laboratory</p> <p>'The Project duration as per document is 20 months + 12 months DLP, the total months will be 32 months. Request Authority to kindly clarify how the payment will be made for 36 months for each type of house unit.</p>	<p><i>The Project period is 20 Calendar Months plus 12 calendar months of Defects Notification Period.</i></p> <p><i>The BOQ items No. 14.02(b)/ 14.05(b)/ 14.06(b)/ 14.07(b)/ 14.08(b)/ 14.09(b) have been adjusted accordingly.</i></p> <p><i>Please refer Item No. 2 &amp; 3 of <b>Addendum No. 2.</b></i></p>
61.	<p><b>Refer to Item No. 8 of <i>Clarification No. 2 dated 17<sup>th</sup> August 2020.</i></b></p> <p>Section IV. Bidding Forms- Bill of Quantities 'Bill 1000: General</p> <p>Item no. 14.05(b) &amp; (c), 14.06(b) &amp; (c) and Specification volume 2A-1 2A-2 Work Requirement (i) By rates per vehicle month, SUBITEM (b). Such rates shall include for the first 4,500 km per vehicle travelled in any calendar month. Should a vehicle be used for less than 4,500 km in a particular month, then the unused distance shall be offset against months when the distance travelled exceeds 4,500 km. (ii) By a rate per km, SUBITEM (c), over and above the first 4,500 km per vehicle travelled in any one calendar month, subject to the condition mentioned in (i) above</p> <p>'As per item no. 14.05(b) &amp; (c), 14.06(b) &amp; (c) the average vehicle km stated is 3000 km/month; however, clause 1412 of specification volume 2A-1 2A-2-page 34 note (i) and (ii) the average vehicle km stated is 4500 km/month.</p> <p>Both the statements are contradictory, request Authority to kindly clarify what shall be the average km/ month considered.</p>	<p><i>The average vehicle-kilometre is 3000 km/month as provided in BOQ Item no. 14.05(b) &amp; (c), 14.06(b) &amp; (c).</i></p> <p><i>Section 1412 of Special specifications volume 2A-1 2A-2-page 34 note (i) and (ii) the average vehicle km have been amended.</i></p> <p><i>Please refer Item No. 12 of <b>Addendum No. 2.</b></i></p>
62.	<p><b>Refer to Item No. 14 of <i>Clarification No. 2 dated 17<sup>th</sup> August 2020.</i></b></p> <p>Section VII. Requirements Volume 2A-1 2A-2 Work requirements</p> <p>'1. Scope of Works Major Quantities - Bus Stations, Feeder Stations and Terminals Sheds: 40 Nos.</p> <p>'Following is the count of total number of Bus Stations, Feeder Stations and Terminal Sheds as per the BOQ -</p>	<p><i>Original Scope was 40 sheds. However, the Employer decided to exclude 4 sheds, which will be implemented under a separate arrangement.</i></p> <p><i>Please refer Item No. 17 of <b>Addendum No. 2.</b></i></p>

S/N	Issues/Questions	Clarifications/Responses
	<p>1. Bus Station A - 8 Nos.  2. Bus Station B - 24 Nos.  3. Feeder Stations (Jet Club, Mombasa, Gongo la Mboto) - 3 Nos.  4. Terminal Sheds - (Airport, Gongo la Mboto) - 2 Nos.  -----  Total = 37 Nos.</p> <p>Please provide locations of the other balance Bus Stations/ Feeder Stations/ Terminal Sheds</p>	
63.	<p>Kindly request to get clarification from your good office.</p> <p>In terms of Item ITB 11.1 (h) in Bid Data Sheet, it is stated that Code of Conduct for Contractor 's Personnel (ES) and an outline of Management Strategies and Implementation Plans (MSIP) to manage the (ES) risks should be submitted with the bid. Please kindly clarify if the outline of MSIP shall include the following parts:</p> <ul style="list-style-type: none"> <li>i. Environmental and Social Management Plan (ESMP) (1.1 Environmental Management Plan, 1.2 Borrow Pit and Quarry Operation and Reinstatement Plan, 1.3 Land Acquisition Plan, 1.4 Waste Management Plan, 1.5 Grievances Redress Plan),</li> <li>ii. Health and Safety Management Plan (HSMP),</li> <li>iii. Traffic Management Plan (TMP),</li> <li>iv. Road Safety Awareness Programme,</li> <li>v. HIV/AIDS, STDs, STIs, and TB Prevention and Awareness Programme,</li> <li>vi. Strategy for Obtaining Necessary Consents/Permits Prior to the Start of Relevant Works such as Opening a Quarry or Borrow Pit,</li> <li>vii. Strategy for Prevention of Gender Based Violence and Sexual Exploitation and Abuse (GBV/SEA) Risks,</li> <li>viii. Develop the Communication Strategy</li> </ul>	<p><i>The Employer confirm that the outline of MSIP shall include all parts as stipulated in ITB 11.1 (h).</i></p>
64.	<p>In order to prepare and submit a competitive bid, we need to do site visit and collect other data / information. However due to outbreak of COVID19 pandemic there are travel restrictions in India as well as many other countries.</p> <p>In view of above, we sincerely request you to consider extension of bid due date for at least 15 days from the current bid submission date.</p>	<p><i>Please refer to response on <b>Question No. 21</b> above.</i></p>
65.	<p>Regarding the works for water relocation, please kindly provide the following drawings:</p> <ul style="list-style-type: none"> <li>1. Drawings for class S3 bedding (BOQ item 2.1.1 and 6.1.1 and 8.1.1)</li> </ul>	<p><i>1. Typical Drawing for backfilling and its specifications are provided on Pages 48 and 49 of Specifications for Relocation of Water Pipes.</i></p>

S/N	Issues/Questions	Clarifications/Responses
	<p>2. Drawing for air valve / washout/ fire hydrant chamber with fittings</p> <p>3. Drawing for class 3 bedding (BOQ item 3.1.2)</p> <p>4. Drawing for class S4 bedding (BOQ item 4.1.1 and 7.1.1)</p> <p>5. Drawing for concrete bed and surround (BOQ item 2.1.2 ,3.1.3 and 4.1.4 and 6.1.2)</p> <p>6. The required pipe for material item 4.1 &amp; 5.1 &amp; 6.1 &amp; 7.1 &amp; 8.1 &amp; 9.1 &amp; 10.1 &amp; 11.1, Assume it is still pipe?</p> <p>7. Drawing for manhole (BOQ Item 16.1.2)</p> <p>8. Furthermore, please kindly clarify the required pipe material for item 4.1 &amp;5.1 &amp; 6.1 &amp; 7.1 &amp; 8.1 &amp; 9.1 &amp; 10.1 &amp; 11.1. Shall the steel pipe be adopted?</p>	<p>2. <i>Part D of Specifications for Relocation of Water Pipes describes clearly the valves and associated works.</i></p> <p>3. <i>Please refer to our response on Item No.65(1) above.</i></p> <p>4. <i>Please refer to the response on Item No.65(1) above.</i></p> <p>5. <i>Please refer to our response on Item No.65(1) above and provisions of Section 2.610 of specifications for Relocation of Water Pipes.</i></p> <p>6. <i>The required pipe material under BOQ item 4.1 &amp; 5.1 &amp; 6.1 &amp; 7.1 &amp; 8.1 &amp; 9.1 &amp; 10.1 &amp; 11.1 are specified under Sub-Sections 2.501 to 2.503 and 2.601 of Specifications for Relocation of Water Pipes.</i></p> <p>7. <i>Refer DRW. No. BRT 3/TCS/001.</i></p> <p>8. <i>Please refer to our response given on item 65 (6) above.</i></p>
66.	<p>We kindly ask your good-self to accept our request to extend the date for bidding deadline for further Six weeks to be 27 Oct. 2020 due to the following reasons:</p> <p>Due to flights restrictions we were not being able to physically present in Tanzania making the due site survey and investigations required for estimating and pricing process.</p> <p>In addition, not being able to direct communicate with local suppliers and sub-contractors to achieve best prices enabling us to offer a very competitive bid.</p> <p>Therefore, please we suggest making your appropriate arrangements and extending the date for bidding deadline for six weeks to achieve these issues and submit a competitive bid.</p>	<p><i>Please refer to response on <b>Question No. 21</b> above.</i></p>
67.	<p>As per indicted in your letter Ref No. TRD/HQ/GEN/1218/01 Dated on 21<sup>st</sup> July,2020 that the prospective bidders need to drop the tender on 15th September,2020, but regarding to the new instructions on travel as most of governments all over the world struggled to stem the spread of a</p>	<p><i>Please refer to response on <b>Question No. 21</b> above.</i></p>



S/N	Issues/Questions	Clarifications/Responses
	<p>coronavirus outbreak that has hobbled the economy, threatened to overwhelm public health care, Also most of the international suppliers and manufactures still not restarted their business at full capacity, with consideration that after attending the online site visit we decided for a physical site visit to take in consideration the high light points which was mentioned during the meeting.</p> <p>As a result, it is not possible for us to prepare a best competitive offer within the time specified by you as your requirements are very high, it will take much time to prepare a proper estimation of the work.</p> <p>Under the above circumstance, we would request for an extension of time for tender submission by at least 4 weeks. We hope, you would grant our request in order to ensure fair participation of all bidders.</p>	
68.	<p>The Bid Security issued by many banks in China has its own fixed format, which has some minor changes comparing to the Form of Bid Security provided in Bidding Documents.</p> <p>Please kindly clarify whether your good office can accept the Bid Security in the format that we attached below? (Please refer to attached Form of Bid Security as proposed by Bidder, and the changes have been marked as re font).</p>	<p><i>Bidders are required to abide to the wordings in the Form of Bid Security provided in Section IV – Bidding Forms</i></p>
69.	<p>For the purpose of producing the construction schedule, a commencement date is needed. However, the commencement date is not provided in Particular Conditions. Please kindly clarify.</p>	<p><i>Please refer to Sub-Clause 8.1 of GCC.</i></p> <p><i>The Contract Duration is 20 months as provided under Sub-Clause 1.1.84 of PA.</i></p>
70.	<p>In terms of the Excel format of Bills of Quantities provided by your office through dropbox, BoQ for item B.1.5 Terminal Shed at Airport Pedestrian Flyover of 3.1 Buildings along Corridor is not provided. Please kindly clarify.</p>	<p><i>Please see our response to Item 35 on <b>Clarification No. 2. dated 7<sup>th</sup> August 2020</b></i></p>