



Tender Addendum and Clarification TAC4

Project: Kenya Tanzania Power Interconnection Project – Lot T1, T2, T3, K1:

Tender No.: KETRACO/PT/017/2014-PA/001/2015/HQ/W/49

Notice to All Tenderers

The following amendments are made to the specified provisions of the Tender document for The Construction of the Kenya -Tanzania Power Interconnection Project – Lot T1, T2, T3, K1

Save where expressly amended by the terms of this Clarification, the Principal Tender Document shall continue to be in full force and effect.

Find the attached Tender Addendum and Clarification No. TAC4, consisting of 6 pages (including this page) into the copy of the Tender Documents. These documents should be returned along with the completed Form of Tender.

Tenderers must confirm acknowledgement with tender submission.


Mr. Khalid R. James, Joint Project Coordinator (JPC),
Kenya-Tanzania Power Interconnection Project Office,
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Date: 02nd October 2015

Tender Addendum and Clarification No. TAC4 of Tender No. KETRACO/PT/017/2014-PA/001/2015/HQ/W/49 has been received and incorporated in the Tender Documents.

Name of Tenderer (*in block letters*): _____

Date of Signature: _____

Signed for the Tenderer by: _____

In the Office Bearer capacity of: _____

Name (*in block letters*): _____



**SHIRIKA LA UMEME TANZANIA
TANZANIA ELECTRIC SUPPLY COMPANY LIMITED**

Ubungo Head Office, "Umeme Park", P.O. Box 9024, Dar Es Salaam, Tanzania, Tel: +255 22 2451130/9. Fax: +255 22 2452026

Our Ref:

SMP/MP/PMU/2015/26/048

Date:

2nd October, 2015

To All Bidders

Dear Sir,

**RE: TENDER NO.PA/001/2015/HQ/W/049-LOT- K1, T1, T2 & T3 FOR
PROCUREMENT OF PLANT SUPPLY AND NSTALLATION, OF
NEW 400kV OVERHEAD TRANSMISSION LINE (KTPIP)**

Sub: Submission of Clarifications

The above heading refers.

Attached herewith, kindly find set No. 3 of Clarifications as requested and issued to you this day of 01st October, 2015 pursuant to the requirements stipulated under ITB Clause 7.6 of the Bidding Document governing the bidding process.

Please confirm receipt of the same.

Yours faithfully,

For: TANZANIA ELECTRIC SUPPLY COMPANY LIMITED

Norah T. Mtau (Ms.)

For: MANAGING DIRECTOR

NTM/GB/dm

This tender addendum and clarification forms part of the Request for Proposal and Contract documents, and modifies them as follows:

I. CLARIFICATIONS

S/N	PART	SECTION	CLAUSE	DESC.	QUESTIONNAIRE FROM BIDDERS	CLARIFICATION	AMENDMENT
344	PART 2 – EMPLOYER'S REQUIREMENTS	Section 4.1.2 Insulator Type 2			“...Composite long rod insulators shall be preferably... and “W” type security clips for the insulator units themselves, in accordance with IEC 60372 ...”. We would like to propose our insulators with socket fitting that has the split pin in accordance with IEC 60372. Please confirm if the same is acceptable.	"W" type security pin is recommended. However, your proposal is also acceptable.	
345	PART 2 – EMPLOYER'S REQUIREMENTS	Section 4.3 Grading rings & Corona devices			We would like to propose the insulator with the 11 and 15 inches corona rings made of aluminum. The corona rings would be attached on the insulator fittings both ends. In addition, the arcing device is necessary to protect the insulator and conductor from arc flashover occurrence. Although the proposed corona rings might provide some protection from power arcs, they are designed to reduce corona discharges, audible noises and RIV levels. Arcing horns should be added to protect the insulator from power arcing. Please confirm if the same is acceptable.	Refer to specifications in Technical Schedules clause 7. However the detailed design is the responsibility of the EPC Contractor.	
346					We have not received any replies to our clarifications till date. Hence we request you to extend the bid submission by 3 weeks.	Date remains as specified under TAC No. 2. The bid submission date was extended to 21 October 2015.	
347					Responses in Qn. No 69, 71, and 127 All the reply received is confusing. As per	Confirmed. Also refer to ITB 19.1 (b) for all Lots in	

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					BDS 19.1 bidder will furnish separate Bid security for each country. For Tanzania Portion the Bid security is \$650,000 for all lots. Our understanding is that bidder has to furnish a common Bid security of \$650,000 for all the lots combined. Please confirm	Tanzania.	
348					Please clarify the no of Mobile phones to be supplied for K1	Twenty (20)	
349					Please clarify quantity of Type 400T70 Tower to be supplied K1	Refer to Revised Price Schedules.	
350					1. The wind speed is given as 28.3m/s, 10min average. The standard is not indicated. Please indicate which standard to follow for wind force calculations, IEC60826 or EN50341.	Refer to TAC No. 2; S/N 24.	
351					2. No conductor tension limits have been provided. On the other hand, safety factor for conductor tension is given as 1.55 in the technical specification. We assume $1/1.55 = 65\%$ of UTS under initial condition, high wind. We do not use everyday tension limit as it is not specified. Please confirm.	Refer to TAC No. 2; S/N 10. Please comply to the Bid specification.	
352					3. The specification indicates body extensions from -3m to 16m and leaves the increment up to the designer. However, in the pricing tables ` 4-	Refer to TAC No. 2; S/N 147. The detailed design is the responsibility of the EPC Contractor.	

S/N	PART	SECTION	CLAUSE	DESC.	QUESTIONNAIRE FROM BIDDERS	CLARIFICATION	AMENDMENT
					1Section IV 6a_TS-3_Schedule Rates and Prices_K1 Final 23.06.2015`, a body extension is needed at every 1.5m. between -3 body and +16body. This makes 13 different body extensions, used together with 21 different leg heights (legs from +0m to +10,5m) .Having this many body extensions is not practical, not economically feasible and not a common design practice. In order to present a practical design and to optimize the tower weights, we propose to use -3m, +0m, +8m and +16m body extensions. Used together with the legs from +0m to +10,5m, these body extensions comply with the required tower heights given in the technical specifications. Please confirm.		
353					4. The number of tower legs and stub amounts are not in accordance. As an example, There are 213 towers but only 243 leg extensions for 400S. Inconsistency persists for every tower type. Please clarify.	Refer to TAC No. 2; S/N 28.	
354					5. In the price table, no amount given for +0 bodies and +0 legs. Basic Body cannot be considered as +0 body because we also have -3 body. Please clarify.	Quote as per the revised price schedules.	
355					Required quantity of the spare "BlueJay" ACSR conductors in the price schedules	The required quantity of Spare BlueJay ACSR is 10km	

S/N	PART	SECTION	CLAUSE	DESC.	QUESTIONNAIRE FROM BIDDERS	CLARIFICATION	AMENDMENT
					for each lot is specified under the description "ACSR BlueJay, 6 phases". As per normal understanding, the total quantity of spare BlueJay ACSR conductors should be calculated as 6 (phases) X 2 (Twin bundle) X Specified length, taking T1 for instance, the total spare quantity should be 6X2X15=180km. If determined as per this calculation, the quantity of spare BlueJay ACSR seems much more than common practice. Please clarify on this.	for Lot K1 and T1 only. Refer to the revised price schedule.	
356	PART 2 – EMPLOYER'S REQUIREMENTS		Item No.8 Insulator	The performance level shall be evaluated in quantity of spontaneous glass shell shattering per 10.000 units per year. This level shall be lower than 1/10.000/year.	Should we understand porcelain cap & pin insulator with a certificate of annual failure rate lower than 1/100,000 can be proposed?	The specification allows only Glass insulators for Tanzania please comply to the requirement set in the bidding document	