



*The Kenya Power & Lighting Co. Ltd.
Central Office – P.O. Box 30099, Nairobi, Kenya
Telephone – 254-02-3201000
Fax No. 254-02-3201889
Stima Plaza, Kolobot Road*

Our Ref: KP1/9AA-3/PT/12/13-14

31st March, 2014

M/s

Dear Sir,

**ADDENDUM NO. 1 TO THE TENDER NO. KP1/9AA-3/PT/12/13-14 FOR SUPPLY,
INSTALLATION AND COMMISSIONING OF THE SMART METERING SYSTEM**

The following amendments are made to the specified provisions of the Tender document for the Supply, Installation and Commissioning of the Smart Metering System dated 3rd March, 2014.

1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT

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

The provisions of this Addendum shall be deemed to have been incorporated in and shall be read as part of the Principal Tender Document.

2. CLARIFICATION HAVE BEEN SOUGHT AS FOLLOWS:

Question 1: Is it possible to allow bidders who did not attend the pre-bid on the 17th March, 2014 to bid since most international manufacturers saw the tender a bit late.

Answer: Yes it is possible since there was no site visit thereafter. Please take note of the changes in Section IV- Bid Data Sheet (Appendix to Instruction to Tenderers) Clauses 3.10.3 and clause 3.10.6 now reading as follows;

3.	<p>3.10.3 Site Visit and Pre-Bid Meeting</p> <p>3.10.6 Attendance of pre-bid meeting or site visit</p>	<p><i>Visits to sites where the smart metering system is to be deployed will be done on Tuesday, 15th April, 2014 starting at 9:00 am. Bidders wishing to participate in the site visits are advised to be at Stima Plaza, Kolobot Road, Nairobi on the date and time indicated above.</i></p> <p><i>a) the pre-bid meeting is not mandatory</i></p> <p><i>b) the site visit is mandatory - Bidders should ensure that the “Site visit form” in page 122 of the main tender is signed and stamped by KPLC authorized officers at each site visited, then present the forms as part of their bid document.</i></p>
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Question 2: Please respond to the queries below.

Question	Reply
a. Which system use cases shall be provided? Because the IDIS is mentioned in technical specification, does it mean that the only IDIS use cases shall be provided?	The bidder should demonstrate interoperability between different systems
b. According to the technical requirements of data concentrator, section 4.2.3.2, the modulation can be S-FSK (IEC 61334-5-1) or higher. Can we offer OFDM based on G3-PLC profile?	In the revised specs, the bidder is required to offer OFDM based on G3-PLC profile

<p>c. As we know, the OFDM solution in AMI applications such as G3-PLC has recently been introduced in market and recognized by international standards and there is no 5 years reference installation (as required in technical requirements, section 4.5.8 of single phase, 4.5.10 of three phase and section 4.3.8 of data concentrator technical specification). Is it possible, not to consider the 5 years reference installation, if we offer G3-PLC solution?</p>	<p>The revised specs have require experience in PLC communication not specifically OFDM based on G3-PLC</p>
<p>d. In table number 5 (of software requirements), it is mentioned that IDIS certificate shall be provided. As we know, there are only some meter certified by IDIS. Regarding data concentrator, head-end and MDM, there is still no clear/definite IDIS specification. The IDIS certification shall be provided regarding which parts of system? Does it mean that only certified IDIS meter shall be offered (Landis, Elster, Itron and Iskra)?</p>	<p>Addressed in question (a) and the revised specs.</p>

e. Some functions that are mentioned as head-end requirements can be done in MDMS (such as data validation). Is the MDMS provided or included in this project?	MDMS is not included in this project
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**3. SECTION V-SCHEDULE OF REQUIREMENTS&
SECTION VI- PRICE SCHEDULE FOR GOODS**

The following amendments are made to SECTION IV & V

Please take note that the suppliers shall be required to install and commission the Single Phase smart static meters for active energy, Three phase smart static meters for active energy and the Data Concentrators. Therefore resulting to this project being a Turn Key Project.

It shall now read as follows:

SECTION V

SCHEDULE OF REQUIREMENTS

For Supply, installation and commissioning of the **smart metering system**

LOT 1

Item No.	Brief Description	Unit of Measure	Quantity
1.	Single phase smart static meters for active energy, 230 V, 5(80) A, 50 Hz	Piece	3,000
2.	Installation & commissioning of Single Phase smart static meters		
3.	Three phase smart static meters for active energy, 3x230/400 V, 10(100) A, 50 Hz	Piece	300
4.	Installation & commissioning of three phase smart static meters for active energy		
5.	Smart meter data concentrators	Piece	300
6.	Installation & commissioning of data concentrators		
7.	Head End system software	Set	1
8.	Head End System (HES) server and its accessories	Piece	
9.	Installation & commissioning of HES costs		
10.	One year Head end system maintenance contract		
11.	Overseas training for six(6) Kenya Power staff		

12.	Local training in Nairobi for twenty (20) Kenya Power staff		
13.	Spare parts (if applicable)		

LOT 2

Item No.	Brief Description	Unit of Measure	Quantity
1.	Single phase smart static meters for active energy, 230 V, 5(80) A, 50 Hz	Piece	3,000
2.	Installation & commissioning of Single Phase smart static meters		
3.	Three phase smart static meters for active energy, 3x230/400 V, 10(100) A, 50 Hz	Piece	300
4.	Installation & commissioning of three phase smart static meters for active energy		
5.	Smart meter data concentrators	Piece	300
6.	Installation & commissioning of data concentrators		
7.	Head End system software	Set	1
8.	Head End system server and its accessories	Piece	
9.	Installation & commissioning of HES costs	Piece	
10.	One year Head end system maintenance contract		
11.	Overseas training for six(6) Kenya Power staff		
12.	Local training in Nairobi for twenty (20) Kenya Power staff		
13.	Spare parts (if applicable)		

LOT 3

Item No.	Brief Description	Unit of Measure	Quantity
1.	Single phase smart static meters for active energy, 230 V, 5(80) A, 50 Hz	Piece	3,000
2.	Installation & commissioning of Single Phase smart static meters		
3.	Three phase smart static meters for active energy, 3x230/400 V, 10(100) A, 50 Hz	Piece	300
4.	Installation & commissioning of three phase smart static meters for active energy		
5.	Smart meter data concentrators	Piece	300
6.	Installation & commissioning of data concentrators		
7.	Head End system software	Set	1
8.	Head End system server and its accessories	Piece	
9.	One year Head end system maintenance contract	Piece	

10.	Installation & commissioning of HES costs		
11.	Overseas training for six(6) Kenya Power staff		
12.	Local training in Nairobi for twenty (20) Kenya Power staff		
13.	Spare parts (if applicable)		

***NOTES:-**

1. All Tenderers must indicate the type, model (where applicable), dimensions and weight of the goods in their bid documents.
2. All deliveries shall be made to Kenya Power Bulk stores, Nairobi.
3. The delivery schedule shall be in **one lot within 75 days** from the receipt of official Purchase order.

SECTION VI

SCHEDULE OF RATES AND PRICES

(TENDERER MUST INDICATE THE CURRENCY OF THE OFFER PRICE)

Delivery to Bulk stores, Nairobi

LOT 1

Item No.	Brief Description	Qty	Country of Origin	Unit price DDP (VAT Excl.)	Unit price DDP (VAT Incl.)	Total price DDP (VAT Incl.)
1.	Single phase smart static meters for active energy, 230 V, 5(80) A, 50 Hz	3,000				
2.	Installation & commissioning of Single Phase smart static meters					
3.	Three phase smart static meters for active energy, 3x230/400 V, 10(100) A, 50 Hz	300				
4.	Installation & commissioning of three phase smart static meters for active energy					
5.	Smart meter data concentrators	300				
6.	Installation & commissioning of data concentrators					
7.	Head End system software	1				
8.	Head End system server and its accessories					
9.	One year Head end system maintenance contract					
10.	Installation & commissioning of HES costs					
11.	Overseas training for six(6) Kenya Power staff					
12.	Local training in Nairobi for twenty (20) Kenya Power staff					
13.	Spare parts (if applicable)					

LOT 2

Item No.	Brief Description	Qty	Country of Origin	Unit price DDP (VAT Excl.)	Unit price DDP (VAT Incl.)	Total price DDP (VAT Incl.)
1.	Single phase smart static meters for active energy, 230 V, 5(80) A, 50 Hz	3,000				
2.	Installation & commissioning of Single Phase smart static meters					
3.	Three phase smart static meters for active energy, 3x230/400 V, 10(100) A, 50 Hz	300				
4.	Installation & commissioning of three phase smart static meters for active energy					
5.	Smart meter data concentrators	300				
6.	Installation & commissioning of data concentrators					
7.	Head End system software	1				
8.	Head End system server and its accessories					
9.	One year Head end system maintenance contract					
10.	Installation & commissioning of HES costs					
11.	Overseas training for six(6) Kenya Power staff					
12.	Local training in Nairobi for twenty (20) Kenya Power staff					
13.	Spare parts (if applicable)					

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Item No.	Brief Description	Qty	Country of Origin	Unit price DDP (VAT Excl.)	Unit price DDP (VAT Incl.)	Total price DDP (VAT Incl.)
1.	Single phase smart static meters for active energy, 230 V, 5(80) A, 50 Hz	3,000				

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10.	Installation & commissioning of HES costs					
11.	Overseas training for six(6) Kenya Power staff					
12.	Local training in Nairobi for twenty (20) Kenya Power staff					
13.	Spare parts (if applicable)					

NOTE:-

1. The offered unit price MUST be rounded to two decimal places. Where the Tenderer fails to round the offered unit price as required, then, the offered unit price shall be rounded down-wards to two decimal places and used for the purposes of this tender.

4. SECTION X- TECHNICAL SPECIFICATIONS

Amendments are made to all the specifications, bidders are requested to **read the revised specifications carefully** since the amendments have answered all the specifications queries that arose during the pre-bid meeting (Minutes of the Pre-bid meeting uploaded into the website).

(Attached are the revised specifications)

5. DEADLINE FOR SUBMISSION OF TENDER

The closing date for the tender has changed from **15th April, 2014** and to be closed on the **21st May, 2014**. The time for submission and opening remains the same as indicated in the Tender document.

All the other terms and conditions remain as per the tender document.

Yours faithfully,

For: KENYA POWER & LIGHTING COMPANY LIMITED.



ENG. JOHN OMBUI
CHIEF MANAGER, SUPPLY CHAIN AND LOGISTICS.