



Kenya Power

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Stima Plaza, Kolobot Road
Nairobi, Kenya*

16th April, 2015

M/s.

Dear Sir/Madam

ADDENDUM I TO TENDER NO.KP1/9AA-2/PT/39-ID/14-15 - FOR SUPPLY AND INSTALLATION OF ONE 500KVA GENERATOR AT LOKICHOGIO POWER STATION

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. SECTION VII – SUMMARY OF EVALUATION CRITERIA

Clause 7.1.12 the bidders should note that the manufactures can authorize more than one bidder

3. SECTION X – TECHNICAL SPECIFICATION, C: Minimum tools and spares Page 86

- Remove item Nos. 21 & 22 Primary and Secondary injection test kits.
- Item No. 24:- Specifications for 1KV MEGGER TESTER attached as in appendix 1.
- Item No. 25:- Clamp on Meter, Maximum Range to be 2000A with a digital display and catalogue to be provided.

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

Yours faithfully,
For: KENYA POWER & LIGHTING COMPANY LIMITED.


A.N. GATUKUI
SUPPLY CHAIN MANAGER(PROCUREMENT).

APPENDIX I

ANNEXURE-'A'

SCHEDULE OF TECHNICAL & GUARANTEED PARTICULARS FOR AC STATIC INSULATION TESTER (MEGGER) AGAINST TN-2229.

S.	Particulars	To be furnished by Bidder
1.	Name of manufacturer & address	
2.	Works address	
3	Power Supply : Main input voltage 230V AC (+6/-10%)	
4	Frequency : 45Hz – 65 Hz.	
5	Burden : 25VA	
6	Range of voltage selection : 250V to 5000V in steps of 50V	
7	Rated resistance : 1 K Ω To 1 T Ω	
8	Internal rechargeable battery with inbuilt battery charging circuit.	
9	Instrument should display direct reading of voltage across the test piece when the test is in progress.	
10	Instrument should display direct reading of the current through the "device under test" when the test is in progress.	
11	The instrument must display the capacitance of the "Device under Test" when the test is in progress.	
12	Maximum short circuit current : Not more than 1.4 mA.	
13	Guard resistance : 300K Ω (+/- 10%)	
14	Insulation resistance measurement should be in digital and analogue (bar graph) with backlit display.	
15	The backlit display must be able to switch On and OFF from a single button from the front console.	
16	The instruments shall discharge the 'device under test' after every test.	

S.No	Particulars	To be furnished by Bidder
18.	The instrument must be able to take the following tests with selectable parameters in every test :	
	Voltage measurement	
	Insulation Resistance Measurement	
	Polarization index calculation	
	Dielectric Absorption Ratio calculation	
	Dielectric Discharge measurement and calculation of the same.	
	Withstanding Voltage test	
	Step Voltage Test	
19.	The test start button shall also work as stop button to start the test and to stop the test when the test is being conducted (even before the test is conducted)	
20	Measurement Range :	
	a) Digital display 1K Ω to 1T Ω	
	b) Current measurement – 1 micro A to ± 1.4 mA.	
	c) Capacitance Measurement : 1nF to 50micro F.	
	d) Test time should be selectable from 1 second to 30 minutes.	
	e) Capacitor charging time should \leq 6.0 Seconds per micro F.	
	f) Capacitor discharge time should be \leq 2.0 Seconds per micro F.	
	g) Voltage measurement range : i) 0 to 600V DC or AC in voltage measuring feature. ii) 5000V DC when testing.	

S.No	Particulars	To be furnished by Bidder
21	<p>AC Supply :</p> <p>The necessary accessories for this purpose shall be supplied by bidder. The ratings of DC batteries shall be indicated in the offer.</p>	
22	<p>PC Compatibility :</p> <p>Suitable port and software if any for download of digital data to a computer should be possible.</p>	
23	<p>Filter :</p> <p>Digital and software filter should be available in the instrument to remove induced noise in the measuring circuit.</p>	
24	<p>Operating Temperature - 10°C to 55°C</p>	
25	<p>Storage Temperature : -20°C to 70°C</p>	
26	<p>Data Storage :</p> <p>Storage of 1000 reading with Real time RS232 & USB download capability of store test results for trending analysis.</p>	
27	<p>Safety compliance :</p> <p>Should conform to safety standard EN61010-1 for instrument and EN61010-31 for accessories.</p>	
28	<p>Environmental protection Instrument should be rated to IP44.</p>	
29	<p>EMC Standard :</p> <p>EMC Meets IEC61326 Class B</p> <ul style="list-style-type: none"> - Instrument should have compliance to following safety standard EN61010-1 for instrument and EN61010-031. - Over Voltage Category III, 600V. 	
30	<p>Noise current rejection (resistive load) : Noise current rejection of 1.5mA using the filters.™</p>	