



Kenya Power

The Kenya Power & Lighting Co. Ltd.
Central Office – P.O. Box 30099, Nairobi, Kenya
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StimaPlaza, Kolobot Road

Our Ref: KP1/9AA-3/PT/86/14-15/dn

26th May, 2015

M/s

**RE: ADDENDUM NO. 1 TO THE TENDER NO. KP1/9AA-3/PT/85/14-15
FOR SUPPLY DISTRIBUTION TRANSFORMERS (NATIONAL TENDER FOR YOUTH, WOMEN AND
PERSONS WITH DISABILITY)**

Please refer to the above Tender.

We make the following clarifications and amendments to the Principal Tender Document (*hereinafter abbreviated as the PTD*) for the Supply of Distribution Transformers dated 7th May, 2015.

1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT

Save where expressly amended by the terms of this Addendum, the PTD 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 and construed as part of the PTD.

2. CLARIFICATIONS HAVE BEEN SOUGHT AS FOLLOWS:

No.	Clause reference	Question by Tenderer	Answers
1	As per the scope, the range of pole mounted transformer is from 50kva to 315kva (for 11&33kv) and the range of ground mounted transformer is from 100kva to 1000kva (for 11kv) & 315kva to 1000kva (for 33kv).	Please clarify which transformers are required to be ground mounted.	630KVA 11KV, 1000KVA 11KV, 630KVA 33KV and 1000KVA 33KV are ground mounted. All the other transformers are required to be pole mounted.
2	As per specification, the core material thickness for ground mounted transformers is 0.27mm (min.) & for pole mounted transformer is 0.23mm (min.).	Please confirm that we can use 0.27mm thick material for pole mounted transformer (without affecting losses in the specification).	Please strictly adhere to the tender specification requirements for the respective transformer types and sizes.
3	As per specification, in ground mounted transformer, the limit of current density for copper is 2.8 (for HV & LV both) & the limit	Kindly confirm whether we can go to 2.8 (for HV WDG-in	This is ok as long as it doesn't compromise

	of current density for Aluminum is 1.4 (for HV& LV both).In pole mounted transformer , the limit of current density for copper is 2.8 (for LV WDG) & limit of current density for Aluminum is 1.4 (for LV WDG) and the limit of current density for copper is 2.0 (for H v WDG) & limit of current density for Aluminum is 1.0 (for H v WDG).	copper) & 1.4 (for HV WDG-in Aluminum)?	other design parameters of the transformer.
4.	As per clause No 4.11.3 under "Transformer Tank and Tank cover", of pole mounted single phase oil type distribution transformer and ground mounted three phase oil type distribution transformer and as per clause No .4.11.4 under "Transformer Tank and Tank cover" of pole mounted three phase oil type distribution transformer, "The main tank body shall be pressure tested and a certificate issued/signed by an ISO/IEC 17025 accredited laboratory ascertaining the soundness of all welded joints. A copy of the certificate shall be submitted with the transformer during delivery to KPLC stores."	In this regard, we request you to provide the exact number in the IEC standard, which specifies the test procedure to test the tanks according to that standard.	The test specified is the leak testing with pressure for liquid immersed transformers (tightness test) as per IEC 60071-1 clause 11.8
5.	As per clause No .4.4.4 under "winding and connections", of pole mounted single phase oil type distribution transformer and as per clause No .4.4.5 under "winding and connections", of pole mounted three phase oil type distribution transformer and ground mounted three phase oil type distribution transformer, "The HV and LV windings shall be separated so as to allow for cooling and ease of repair".	For having better short circuit withstanding strength we would like to go with foil winding for LV and over LV winding, HV winding shall be done by providing cooling ducts between LV and HV winding coils. Further rectangular coils are always made by HV coil wound over LV coil for wound core designs. This construction also allows for cooling and ease of repair. Kindly allow us to proceed as above.	Please strictly adhere to the tender specification requirements by ensuring that whichever core technology you apply, the HV and LV windings shall remain separated.
6.	As per clause No.4.9.9.3, under "Air clearance" of pole mounted three phase oil type distribution transformer and pole mounted single phase oil type distribution transformer is as given in the table of that clause.	In this regard, we would like to inform you that, as per IEC 60076-part: 3 with altitude correction factor of 12% (for altitude 2200m). The air clearance is as per clause 16.1 which differs Kindly confirm.	Please stick to the clearances as per tender specification as the altitude correction and safety factor is already factored in as per clause 4.2.2 of IEC 60071-2.
7.	As per clause No.5.3.1 under "Routine Test" of pole mounted single phase oil type distribution transformer and ground mounted three phase oil type distribution transformer and pole mounted three phase oil type distribution transformer, "Tests on off-load tap-changer	In this regard we shall treat the above respective clause as: "Routine: Test on off load Tap changer (Mechanical Operation)"	The test shall be mechanical operation test.

		Kindly confirm whether our understanding is correct on this front.	
8.	As per clause No.4.4.7 under "winding and connections" of pole mounted single phase oil type distribution transformer and as per clause No.4.4.8 under "winding and connections" of ground mounted three phase oil type distribution transformer and pole mounted three phase oil type distribution transformer, "The radial spacer blocks where used shall be made of pre-compressed pressboard material, which will not soften while in contact with oil or fray out fibers or edges. The slots should be so dimensioned that the blocks will not come out of the slots."	In this regard we would like to inform you that radial spacer blocks shall be used for round coils only, not for rectangular/non circular coils. Hence, this clause will be not applicable for rectangular coils construction. Kindly confirm.	Agreed
9.	As per clause No.4.14.3 under "Transformer oil" of pole mounted oil type distribution transformer and ground mounted three phase oil type distribution transformer and pole mounted three phase oil type distribution transformer "The oil shall be new, unused and shall comply with all the requirement of IEC 60296 (class 1: un-inhibited oil) and as per current KPLC specification No .KP1/3CB/08/001."	In this regard kindly provide the KPLC specification No KP1/3CB/08/001 document.	KPLC specification No KP1/3CB/08/001 is attached.
10.	As per clause No.4.9.4.3 under "Air Clearance" of ground mounted three phase transformers, External Clearance in air are given as per table 5 in the specification. Further, Also as per clause No. 4.9.4.4 under "Air Clearance", Distance between centers of low voltage bushing shall be as follows: a)For currents up to 250A : 80mm b)For currents above 250A and up to 2000A : 175mm c)For currents above 2000A : 190mm	The respective two clauses call for minimum air clearance between bushings, when it is open type. But as concern to 630kVA, 11000V / 420V & 1000kVA, 11000V / 420V transformer, HV bushings are placed in air filled HV side cable boxes, and all LV bushings are placed in air filled LV side cable boxes .So in this context, kindly specify the minimum air clearances between bushings, when these are placed in air filled cable boxes.	Please stick to the clearances as per tender specification, as the altitude correction and safety factor is already factored in as per clause 4.2.2 of IEC 60071-2
12	As per clause No.4.4.11 and clause No.4.4.12 under "4.4 winding and connection" of pole mounted single phase oil type distribution transformer and pole mounted three phase oil type distribution transformer respectively, "The current density in LV winding shall not exceed 2.8/mm ² for copper and 1.4/mm ² for aluminum winding .The current density in HV winding shall not exceed 2.0A/mm ² for copper and 1.0/mm ² for aluminum winding .This will be checked through the	In this regard, we request you to remove the current density restriction to enable us to extend our most competitive offer, however, we shall ensure the values of all related parameters (no load losses, load losses etc) as per KPLC technical specification of this particular tender.	Please ensure strict compliance to the tender specification.

	relationship: conductor area =current per phase /current density” and also as per clause No.4.4.12 under “4.4 winding and connections”, of ground mounted three phase oil type distribution transformer, “The current density in LV and HV winding shall not exceed 2.8A/mm ² for aluminum winding .This will be checked through the relationship: conductor area =current per phase /current density”.		
13	4.1.1.b temperature	This point stated Max+40celc degree, however due to point 4.3.2.a and restriction about temp. risings in winding and oil we are going to design units as for max ambient temp = 45celc degree	Please comply with tender specifications.
14	4.2.4	Hermetically sealed transformer fully filled up, without gas cushion - please confirm your acceptance	Please comply with tender specifications.
15	4.2.14	Please Give precise max allowed noise level for 50kVA, 100kVA and 200kVA pole mounted	According to NEMA Tr 1, permissible noise level for 50KVA shall be 42db and for 100KVA and 200KVA shall be 48db.
16	4.4.2	Please advise about duration of variable voltages. If permanent increased insulation level should be considered.	Please comply with tender specifications
17	4.4.5	Please note that LV windings is rounded by HV windings coiled (with main cooling channel)	Please comply with tender specifications
18	4.6.10	Please consider other thickness of steel (0,27 or 0,3) as far as requested electrical parameters to be meet	No. Please comply with tender specifications
19	4.8.3	Losses level submitted in the tender with IEC tolerances. Measured values, exceeded guaranteed (value stated in offer) but within specified tolerances to be approved. - Please confirm	Please comply with tender specifications

	Question by Tenderer	Answers
20	The bid is open for either aluminum or copper wound transformers. Can I submit a bid containing a quote for both aluminum and copper?	Alternative offers are not allowed. Please bid for either aluminum or copper wound transformer but not for both.

21	In specification 4.2.4 you want transformers to be with gas cushion. But in specification 4.9.3 you want HV and LV bushing to be two part, bottom in toughened epoxy and top in porcelain, brown. Is this possible? In brown porcelain there must be oil but if it is with dry air the porcelain cannot work.	Toughened epoxy fused with porcelain transformer bushing was meant to increase the mechanical strength of the bushing during transportation and handling and has nothing to do with gas cushion. Gas cushion is a stress relief.
22	Specification No. KP1/3CB-TSP-10-001-02 for pole mounted transformers and No. KP1/3CB-TSP-10-001-03 for ground mounted transformers have contradictory values for impedance Voltage and total transformer losses for 50, 100, 200, & 315 KVA both 11 & 33 KV. .	The 50, 100, 200, & 315 KVA both 11 & 33 KV transformers required are all pole mounted. The 630 and 1000KVA 11 & 33KV transformers required are ground mounted. Please use the respective specifications.
23	Will it be sufficient to provide the Certificate for the Noise Level Tests or It is mandatory to conduct the tests itself?	The tests must be for the manufactured transformers of the same design and done at IEC 17025 accredited laboratory.
24	Clarify the voltage ratio and vector group where there is conflict between the schedule of requirements and the specification.	Please comply with the tender specifications. The voltage ratio is 11/0.242kV or 33/0.242kV for single phase transformers and 11/0.42Kv or 33/ 0.42kV for 3/phase transformers. The vector group is Dyn11.
25	Can we participate in the above tender with reference to ANSI/IEEE standards and deviate from the IEC standards, Kindly advice if it's acceptable to you.	Please comply with tender specifications
26	We understand that there is no advance payments for the supply of the transformers either from abroad and within the employer's country. We are also want to know the payment schedule proportion for the coming delivery in this tender. please confirm	There are no advance payments for supply of distribution transformers. Payment shall be as stipulated in the tender document.
27	In previous tenders for this category of bidders, the requirement for providing Financial Statements, Bank balances etc was waived. Will this be the same case with this tender? Or will the companies in these category have to produce the statements?	Please comply with the requirements of the tender document.
28	From where are the base prices for CRGO, steel and copper taken from?	The London Metal exchange (LME) or suitable commodity exchange
29	Is there no consideration of price variation of oil for the transformer?	No.

3. CLOSING DATE

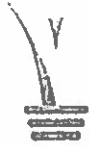
The closing date remains the same **11th June, 2015 at 10.00am.**

All other terms and conditions remain as per the Principal Tender Document (PTD).

Yours faithfully,

FOR: THE KENYA POWER & LIGHTING COMPANY LIMITED


BERNARD K. NGUGI
Ag. GENERAL MANAGER SUPPLY CHAIN



Kenya Power

TITLE:
SPECIFICATION FOR MINERAL
INSULATING OIL (Transformer
& Switchgear Oil)

Doc. No.	KP1/3CB/TSP/08/001
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9.0 List catalogues, brochures, technical data and drawings submitted to support the offer.	
10.0 List customer sales records and customer reference letters submitted to support the offer.	
11.0 List Test Certificates submitted with tender	
12.0 List test reports of the oil to be submitted to KPLC for approval before shipment	
13.0 Statement of compliance to specification (indicate deviations if any & supporting documents)	
14.0 List Acceptance Tests to be witnessed by KPLC Engineers at the factory	

.....
Manufacturer's Name, Signature, Stamp and Date

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ANNEX A: *Guaranteed Technical Particulars (to be filled and signed by the Manufacturer and submitted together with relevant copies of the Manufacturer's catalogues, brochures, drawings, technical data, sales records for previous five years, four customer reference letters, details of manufacturing capacity, the manufacturer's experience and copies of complete type test certificates and type test reports for tender evaluation, all in English Language)*

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0.1 Circulation List

COPY NO.	COPY HOLDER
1	Research & Development Manager
2	Supply Chain Manager (Procurement)
Electronic copy (pdf) on Kenya Power server (http://172.16.1.40/dms/browse.php?fFolderId=23)	

0.2 Amendment Record

Rev No.	Date (YYYY-MM-DD)	Description of Change	Prepared by (Name & Signature)	Approved by (Name & Signature)
0	2014-04-28	Cancel and replaces issue No. 1 dated 2009-05-18	Michael Apudo 	George Owuor

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FOREWORD

This specification has been prepared by the Research and Development and Technical Services Departments both of The Kenya Power and Lighting Company Limited (abbreviated as KPLC) and it lays down requirements for Mineral Insulating Oil (Transformer & Switchgear Oil). It is intended for use by KPLC in purchasing the oil.

The manufacturer shall submit information which confirms satisfactory service experience with products which fall within the scope of this specification.

1. SCOPE

This specification is for new, unused mineral insulating oil intended for use in transformers, switchgear and similar electrical equipment in which oil is required as an insulant and for heat transfer.

The specification stipulates the minimum requirements for mineral insulating oil acceptable for use in the company and it shall be the responsibility of the manufacturer to ensure adequacy of the design, good workmanship and good engineering practice in the manufacture of the oil for KPLC.

The specification also covers inspection and test of the oil as well as schedule of Guaranteed Technical Particulars to be filled, signed by the manufacturer and submitted for tender evaluation.

The specification does not purport to include all the necessary provisions of a contract.

NOTE: Mineral insulating oils complying with the requirements of this specification, of the same class and containing no additives shall be compatible with one another and be capable of being mixed in any proportion.

2. REFERENCES

The following standard contains provisions which, through reference in the text constitute provisions of this specification. Unless otherwise stated, the latest edition (including amendments) shall apply.

IEC 60296: Specification for unused mineral oil for transformers and switchgear

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- IEC 60156: Insulating liquids – Determination of the breakdown voltage at power frequency–Test method
- IEC 60247: Measurement of relative permittivity, dielectric dissipation factor and d.c. resistivity of insulating liquids
- IEC 60475: Method of sampling liquid dielectrics
- IEC 60666: Detection and determination of specified anti-oxidant additives in insulating oils
- IEC 60814: Insulating liquids – Oil-impregnated paper and pressboard – Determination of water by automatic coulometric Karl Fischer titration
- IEC 61125: Unused hydrocarbon based insulating liquids – Test methods for evaluating the oxidation stability
- IEC 61198: Mineral insulating oils – Methods for the determination of 2-furfural and related compounds
- IEC 61619: Insulating liquids – Contamination by polychlorinated biphenyls (PCBs) – Method of determination by capillary column gas chromatography
- IEC 62021-1: Insulating liquids – Determination of acidity – Part 1: Automatic potentiometric titration
- ISO 2719: Determination of flash point – Pensky-Martens closed cup method
- ISO 3016: Petroleum products – Determination of pour point
- ISO 3104: Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity
- ISO 3675: Crude petroleum and liquid petroleum products – Laboratory determination of density – Hydrometer method
- DIN 51353: Testing of insulating oils; detection of corrosive sulfur; silber strip test
- BS 2000-346: Methods of test for petroleum and its products Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions. Dimethyl sulphoxide extraction refractive index method

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3. TERMS AND DEFINITIONS

For the purpose of this specification the definitions given in the reference standards shall apply.

4. REQUIREMENTS

4.1. Service Conditions

The mineral insulating oil shall be suitable for use in transformers and switchgears operating in the following conditions:

- a) Continuous outdoor operation in tropical areas at altitudes of up to 2200m above sea level,
- b) Humidity of up to 95%,
- c) Average ambient temperature of +30°C with a minimum of -1°C and a maximum of +40°C;
- d) Heavy saline conditions along the coast and
- e) Isokeraunic levels of up to 180 thunderstorm days per year.

4.2. Properties of oil

- 4.2.1. The oil shall be pure hydrocarbon mineral oil, clean and free from impurities, such as suspended solid matter, detrimental chemical compounds and water likely to impair its properties and without additives.
- 4.2.2. The oil shall be chemically stable, PCB (Polychlorinated biphenyls) free and shall conform to IEC 60296 (class 1: un-inhibited oil - mineral insulating oil, containing no antioxidant additives).
- 4.2.3. The functional properties of the oil which includes - viscosity, density, pour point, water content, breakdown voltage and dielectric dissipation factor – shall ensure total impact on its function as an insulating and cooling liquid.
- 4.2.4. The oil shall also be suitable for oil circuit breakers and other electrical equipment in which oil is used as insulating medium.
- 4.2.5. The tests on transformer oil shall be conducted in accordance with the relevant methods detailed in IEC 60296 and shall fully comply with the provisions of this specifications.
- 4.2.6. The characteristic and performance of the oil shall comply with the following:

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Table 1: Required characteristics and performance

Description	Test Method	Requirement
a) – Function		
Viscosity at 40°C	ISO 3104	Max. 12 mm ² /s
Viscosity at -30°C ¹	ISO 3104	Max. 1 800 mm ² /s
Pour point	ISO 3016	Max. -40°C
Water content	IEC 60814	Max. 20 mg/kg
Breakdown voltage	IEC 60156	Min. 50kV
Density at 20°C	ISO 3675	Max. 0.895 g/ml
Dielectric dissipation factor at 90°C	IEC 60247	Max. 0.005
b) – Refining/stability		
Appearance:	--	Clear, free from sediment and suspended matter
Acidity	IEC 62021-1	Max. 0.01 mg KOH/g
Corrosive sulfur	DIN 51353	Not corrosive
Antioxidant additive	IEC 60666	Not detectable
Furfural content	IEC 61198	Max. 0,1 mg/kg
c) – Performance		
Oxidation stability	IEC 61125 (Method C). Test duration : 164 h	
- Total acidity		Max. 1.2 mg KOH/g
- Sludge		Max. 0.8 % by weight
d) – Health, safety and environment (HSE)		
Flash point	ISO 2719	Min. 135°C
PCA content	BS 2000 Part 346	Max. 3 %
PCB content	IEC 61619	Not detectable
¹ This is the standard LCSET for transformer oil. Pour point shall be minimum 10 K below LCSET (Lowest cold start energizing temperature)		

4.3. Quality Management System

4.3.1. The supplier shall submit a quality assurance plan (QAP) that will be used to ensure that the mineral insulating oil physical properties, tests and documentation, will fulfill the requirements stated in the contract documents, standards, specifications and regulations. The QAP shall be based on and include relevant parts to fulfill the requirements of ISO 9001:2008.

4.3.2. The Manufacturer's Declaration of Conformity to applicable standards and copies of quality management certifications including copy of valid and relevant ISO 9001: 2008 certificate shall be submitted with the tender for evaluation.

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4.3.3. The bidder shall indicate the delivery time of the items, manufacturer's monthly & annual production capacity and experience in the production of the type and size of items being offered. A detailed list & contact addresses (including e-mail) of the manufacturer's previous customers for similar type of the mineral insulating oil sold in the last five years as well as reference letters from at least four of the customers shall be submitted with the tender for evaluation.

5. TESTS AND INSPECTION

- 5.1. The mineral insulating oil shall be inspected and tested in accordance with the requirements of IEC 60296, applicable standards listed in clause 2 and the provisions of this specification. It shall be the responsibility of the supplier to perform or to have performed the tests specified and whatever other tests he normally performs at works.
- 5.2. Copies of previous Type Tests Reports issued by a third party testing laboratory that is accredited to ISO/IEC 17025 shall be submitted with the tender for the purpose of technical evaluation. The accreditation certificate to ISO/IEC 17025 for the same third party testing laboratory used shall also be submitted with the tender document (all in English Language)
- 5.3. The mineral insulating oil shall be subject to acceptance tests at the manufacturer's works before dispatch. Acceptance tests shall be witnessed by two Engineers appointed by The Kenya Power and Lighting Company Limited (KPLC). Routine and Sample Test Reports for the oil to be supplied shall be submitted to KPLC for approval before delivery of the goods.
- 5.4. On receipt of the product, KPLC will perform any of the tests specified in order to verify compliance with this specification. The supplier shall replace without charge to KPLC the oil which upon examination, test or use; fail to meet any of the requirements in the specification.

6. MARKING AND PACKING

- 6.1 The following information shall be marked indelibly and legibly and in a permanent manner on each container.
 - i) Manufacturer's Name or Trademark;
 - ii) Type Designation/Classification;
 - iii) Specified Characteristics;
 - iv) Oil Quantity (in liters);
 - v) Batch Number & Date;
 - vi) Material Safety Data Sheet.

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6.2 The oil shall be packed in 200 or 205 or 210 liters metallic drums protected against corrosion. The drums shall be clean and suitable for the purpose to avoid any contamination.

6.3 Each oil delivery shall be accompanied by a document from the manufacturer specifying at least: manufacturer's designation, oil classification, compliance certificate and indication of the presence (type, concentration) of any additive. Where the material safety data sheet cannot be marked on the container it shall be submitted together with the oil.

7. Documentation

7.1. The bidder shall submit its tender complete with technical documents required by Annex A (Guaranteed Technical Particulars) for tender evaluation. The technical documents to be submitted (all in English language) for tender evaluation shall include the following:

- a) Fully filled clause by clause description of the item on offer as per Annex A (Guaranteed Technical Particulars) and signed by the manufacturer;
- b) Copies of the Manufacturer's catalogues, brochures, safety and technical data;
- c) Sales records for the last five years and at least four customer reference letters;
- d) Details of the manufacturer's experience;
- e) Copies of required type test reports by a third party testing laboratory accredited to ISO/IEC 17025 and a copy of accreditation certificate to ISO/IEC 17025 for the third party testing laboratory;
- f) Manufacturers letter of authorization, QMS certificate and other technical documents required in the tender.
- g) The manufacturer shall be required to also provide detailed information regarding the products:
 - Materials identification,
 - Ingredients and hazards data,
 - Physical data of the chemicals used,
 - Health hazard information,
 - Summary of risks
 - Target organs
 - First aid to various organs such as eye contacts, skin contacts, inhalation and ingestion
 - Special precautions.
 - Storage segregation
 - Special handling/storage
 - DOT (Department of Transportation Hazard Classification System) class.

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7.2. The successful bidder (supplier) shall submit the following documents/details to The Kenya Power & Lighting Company for approval before manufacture:

- a) Guaranteed Technical Particulars signed by the manufacturer;
- b) Chemical composition details of the oil to be manufactured for KPLC.
- c) Quality assurance plan (QAP) that will be used to ensure that the chemical and functional properties of the oil, tests, service capability, maintenance and documentation will fulfill the requirements stated in the contract documents, standards, specifications and regulations. The QAP shall be based on and include relevant parts to fulfill the requirements of ISO 9001:2008
- d) Detailed test program to be used during factory testing;
- e) All documentation necessary for identification and general delivery requirements as specified in IEC 60296, clause 5.4 shall be provided with the oil.
- f) Manufacturer's undertaking to ensure adequacy of the design, good engineering practice, adherence to the specification and applicable standards and regulations as well as ensuring good workmanship in the manufacture of the oil for The Kenya Power & Lighting Company;
- g) Packaging details (including packaging materials and quantity).

7.3. The supplier shall submit a set of three (3) technical manuals for the oil during delivery specifying at least: supplier's designation, oil classification and compliance certificate. The supplier shall also indicate the presence (type, concentration) of any additive if any, all in the English Language, to KPLC stores.

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Kenya Power

TITLE:

SPECIFICATION FOR MINERAL INSULATING OIL (Transformer & Switchgear Oil)

Doc. No. KP1/3CB/TSP/08/001

Issue No. 2

Revision No. 0

Date of Issue 2014-04-28

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ANNEX A: Guaranteed Technical Particulars (to be filled and signed by the Manufacturer and submitted together with relevant copies of the Manufacturer's catalogues, brochures, drawings, technical data, sales records, four customer reference letters, details of manufacturing capacity, the manufacturer's experience and copies of complete type test reports for tender evaluation, all in English Language)

Tender No.Bidders Name and address

Table with 2 columns: Description and Bidder's offer (indicate full details of the values offered). Rows include Manufacturer's Name & Country, Type Designation, Standards, Terms & Definitions, Requirements, and various oil properties like Viscosity, Pour point, Water content, etc.

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4.3 Quality Management Systems	
4.3.1 – 4.3.3	
5.0 Tests and Inspection	
5.1 – 5.4	
6. Marking & Packaging	
6.1. Marking	
6.2 Packaging	
6.3 Delivery documents	
7. Documentation	
7.1 – 7.3	
8.0 Manufacturer's Guarantee and Warranty	
9.0 List catalogues, brochures, technical data and drawings submitted to support the offer.	
10.0 List customer sales records and customer reference letters submitted to support the offer.	
11.0 List Test Certificates submitted with tender	
12.0 List test reports of the oil to be submitted to KPLC for approval before shipment	
13.0 Statement of compliance to specification (indicate deviations if any & supporting documents)	
14.0 List Acceptance Tests to be witnessed by KPLC Engineers at the factory	

.....
Manufacturer's Name, Signature, Stamp and Date

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Signed:

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