

REQUEST FOR QUOTATIONS

GEF Project ID: 5532

Disposal of PCB oils contained in transformers and disposal of capacitors containing PCB in Southern Africa

SUPPLY OF TESTING & SAMPLING EQUIPMENT FOR LABORATORY ANALYSIS OF TRANSFORMER OILS FOR PCB CONTENT

INTRODUCTION

The Stockholm Convention requires that all equipment containing concentrations of PCB above 0.05% (500ppm) be phased out by 2025 and all PCB be subject to environmentally Sound Management (ESM) for final disposal by 2028. This project aims to contribute to attaining this Convention requirement, through organizing the countries in Southern Africa, and achieving the ESM of PCB and destruction of the POP content in the oil and equipment's.

Under the Global Environment Fund Project #5532 '**Disposal of PCB oils contained in transformers and disposal of capacitors containing PCB in Southern Africa**', Africa Institute is working together with UN Environment towards the collection and elimination of PCB contaminated electrical equipment and transformer oil in the SADC region. Involved with this process is the analysis of PCB contaminated transformer oils so that items can be classified according to a waste stream and disposed of correctly within the project disposal strategy.

The following 12 countries are taking part in the project: Botswana, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, Swaziland, Tanzania, Zambia, and Zimbabwe. Southern African Power Pool [SAPP] coordination center is a major stakeholder as an association of the Utility companies in these countries

Service description

As part of detailed inventories of PCB contaminated electrical equipment, transformer oil samples are currently being collected in the SADC and West Africa regions and in Cameroon. The oil samples will be analysed as part of an analytical strategy to determine the PCB concentration for each item. The analytical strategy is the following:

- i. In the field, all samples collected by inventory teams will be tested using the oil density test, samples testing positive for PCB will be sent directly for laboratory analysis.
- ii. In the field, samples demonstrating a negative oil density test will then be tested using the Chlor n Oil field test which will indicate whether the oil is above or below 50ppm. Samples demonstrating chlorine content above 50ppm using this test will then be sent for laboratory analysis;

Therefore the project is seeking a supplier who can provide the sampling equipment for all the 11 Southern African Countries and ship them directly to the focal persons therein. The contract will be signed with Africa Institute.

REQUIREMENTS

During the Inventory verification exercises, the country teams shall need the following sampling materials whose quotations are herein sought:

- 2016 Chlor-N-Oil 50 Test kits
- 2'016 robust sampling glass vials 30ml
- 2'000 x Pipettes à 20ml
- 12 packs of Absorbent Pads (1 pack à 100 pads)
- 12 boxes of Lab gloves (1 box à 200 pcs.)
- 20 Safety Goggles
- 600 PE-Waste Bags 200 Lt (12 packs of 50)

These will be shipped to the addresses indicated in Appendix A in the reflected quantities:

DISTRIBUTION LIST

This RFQ will be posted on the Africa Institute Website www.africainstitute.info and distributed to all National Focal points of participating countries. Additionally it has been posted to the existing suppliers in Africa; this is an open request and all suppliers are eligible to submit.

TIMELINES

Quotations will be expected to reach Africa Institute not later than December 15th 2017. A consideration must be made for Africa Institute to receive the consignment in February 2018 and the use of the kits until September 2018.

SUBMISSION OF QOUTATIONS

Quotations are expected to show the description/specifications and unit price of the offered item then the total cost inclusive of taxes and shipping.

QUERIES AND INFORMATION

Any queries and clarifications regarding the invitation to tender shall be sent to the contact project manager at kkhalema@environment.gov.za cc: jmolapisi@environment.gov.za



APPENDIX A: DISTRIBUTION/SHIPPING ADDRESSES

	Country of Destination	Name and Address	Quantities						
			<i>Chlor-N-Oil Test Kits</i>	<i>sampling glass vials 30ml</i>	<i>Pipettes à 20ml</i>	<i>Absorbent Pads</i>	<i>Laboratory gloves</i>	<i>Safety Goggles</i>	<i>PE-Waste Bags 200 Lt</i>
1	Botswana	Mr Gift Pelaelo Area Engineer, Francistown <i>BPC Head Office (Motlakase House)</i> <i>Macheng Way, Industrial Site</i> Gaborone - Botswana PelaeloG@bpc.bw	250	250	250	1 pack	1 box	2	1 pack
2	Lesotho	Ms Matseliso Moremoholo Lesotho Electricity Company (Pty) Ltd P. O. Box 423, 53 Moshoeshoe Road Maseru 100 - Lesotho moremoholo@lec.co.ls	100	100	100	1 pack	1 box	2	1 pack
3	Madagascar	Mr Tovoarison Zakaria Rafaralahy JIRAMA-DECC AMBOHIJATOVO, Street 149 Rainandriamampandry Antananarivo – 101 - MADAGASCAR tovozakaria@gmail.com	100	100	100	1 pack	1 box	2	1 pack
4	Malawi	Ms Caroline Theka Environmental Affairs Department Lingadzi House, City Centre, Private Bag 394, Lilongwe 3, -MALAWI caroltheka@gmail.com	150	150	150	1 pack	1 box	2	1 pack
5	Mozambique	Ms Binte Insa	150	150	150	1 pack	1 box	2	1 pack

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For the environmentally sound management of hazardous and other wastes



	Country of Destination	Name and Address	Quantities						
			<i>Chlor-N-Oil Test Kits</i>	<i>sampling glass vials 30ml</i>	<i>Pipettes à 20ml</i>	<i>Absorbent Pads</i>	<i>Laboratory gloves</i>	<i>Safety Goggles</i>	<i>PE-Waste Bags 200 Lt</i>
		Departamento de Gestão ambiental/ Department of Environmental Management Hidroeléctrica de Cahora Bassa, s.a. Songo - Tete - Moçambique. CP - 263 Binte.Insa@hcb.co.mz or Aida.mabjaia@hcb.co.mz							
6	Mozambique	Ms Belarmina Mirasse Direcção de Planeamento de Sistemas (Planning System Directorate) Av. Filipe Samuel Magaia, 368 C.P 2532 (PO Box 2532) Maputo – Mozambique Belarmina.Mirasse@edm.co.mz	250	250	250	1 pack	1 box	2	1 pack
7	Namibia	Mr Daniel F Louw NamPower Training Centre SHEW Offices Allen Street Northern Industrial Windhoek - Namibia Danie.Louw@nampower.com.na	200	200	200	1 pack	1 box	2	1 pack
8	Seychelles	Mr Stephen Tirant Public Utilities Corporation Head Office: Electricity House, Roche P.O Box 174, Victoria Caiman, Mahe, Seychelles stirant@puc.sc	50	50	50	1 pack	1 box	2	1 pack
9	Swaziland	Ms Constance van Zuydam Swaziland Electricity Company Mhlambanyatsi Road	100	100	100	1 pack	1 box	2	1 pack

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		Mbabane P.O. Box 258 Mbabane - Swaziland constance.vanzuydam@sec.co.sz							
10	Tanzania	Ms Magdalena Mtenga Assistant Director Vice President's Office Division of Environment Box 5380, Dar es Salaam - Tanzania magejohn@yahoo.com	250	250	250	1 pack		2	1 pack
11	Zambia	Mr Maxwell Nkoya Zambia Environmental Management Agency Corner Suez and Church Roads P.O. Box 35131 Lusaka - Zambia mnkoya@zema.org.zm	150	150	150	1 pack	1 box	2	1 pack
12	Zimbabwe	Mr Chrispin Maseva ZESA Head Office 25 Samora Machel Avenue P.O Box 377 Harare, Zimbabwe cmaseva@zesa.co.zw	250	250	250	1 pack	1 box	2	1 pack
			2000	2000	2000	12 packs	12 boxes	24	12 packs