

THE SUPPLY AND DELIVERY OF CALIBRATION AND MAINTENANCE SERVICES, AND THE PROVISION OF SPARES FOR DIELECTRIC STRENGTH AND TAN DELTA OIL TESTERS TO ALL THE LABORATORIES OF ESKOM PS DEPARTMENT ON AN "AS AND WHEN" BASIS FOR A PERIOD OF FIVE (5) YEARS.

SCOPE OF WORK AND TECHNICAL EVALUATION

A **Term Services – Long Term contract** is required. The following tasks will be done as part of the order:

1. Scope of Work

The supply and delivery of calibration and maintenance services, and the provision of spares for Dielectric Strength and Tan Delta Oil testers to all the laboratories of Eskom PS department on an "as and when" basis for a period of five (5) years.

Delivery to laboratories in the following centra:

Bloemfontein
Brackenfell
Klerksdorp
Pietermaritzburg
Port Elizabeth
Rosherville, ERIC and Rotek
Seshego
Witbank

- a. Annual calibration of Dielectric Strength Oil Testers on various sites.
- b. Annual calibration of Tan Delta Oil testers on various sites.
- c. Maintain and provide spares as and when required.
- d. Provide calibration certificates that meet requirements of ISO17025 standard:
 - ✓ Name of the requester,
 - ✓ unique number for the certificate,
 - ✓ address of requester and supplier,
 - ✓ supplier company name,
 - ✓ accreditation number (if accredited),
 - ✓ Serial number of instruments being calibrated,
 - ✓ Summary of status,
 - ✓ Results,
 - ✓ Uncertainty of measurements,
 - ✓ Environmental conditions at the time of calibration,
 - ✓ Date calibrated,
 - ✓ Name and signature of the technician calibrated the instrument.
- e. Supplier must maintain and service equipment using spares from the OEM.
- f. Supplier must be able to provide service to all the PS Laboratories as.
- g. Service/repair agent must respond to the request within 72hr of receiving purchase order.
- h. Supplier to quote on the following where applicable:
 - Labour rate per hour (certified technician)
 - Travel Time
 - Travel rate
 - Km per hr
 - Flights
 - Accommodation
 - Delivery/ courier cost

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1.1 Services and consumables to be delivered and provided at the following addresses:

- 1. ERIC**
Eskom Research & Innovation Centre
Oil Laboratory - Block B
Lower Germiston Road
Rosherville
Contact: Thapelo Masha 011-629 5008
- 2. Rotek**
Rotek Oil Laboratory (Next to Site & Switchgear Workshop)
1 Lower Germiston Road
Rosherville
Contact: Vusi Sibeko 011-629 5521
- 3. Pietermaritzburg**
Eskom Oil Laboratory
1 Portland Road, Mkondeni
Pietermaritzburg
Contact: Patiswa Matshoba 033-395 3817
- 4. Port Elizabeth**
Eskom Oil Laboratory
C/o Eastcape Training Centre - Workshop 2
Spondo Road, Struandale
Port Elizabeth
Contact: Martha Boshoff 041 404 3304
- 5. Brackenfell**
Eskom Oil Laboratory
Eskom Road
Brackenfell
Cape Town
Contact: Gerhardus Laubscher 021-980 3342
- 6. Bloemfontein**
Eskom Oil Laboratory
Spoornet Depot, Corner of McGregor and N8
Bloemfontein
Contact: Marthinus Lombaard 051-404 5140
- 7. Klerksdorp**
Eskom Oil Laboratory
22 Goueweg, Townsland
Klerksdorp
Contact: Noma Dlamini 018 464 6765
- 8. Witbank**
Eskom Oil Laboratory
Eskom Park (next to Electrical Workshop)
Watermeyer Street
Witbank
Contact: Gcina Mfihlo 013-693 2240
- 9. Seshego**
Eskom Oil Laboratory
55 Moletsi street, Seshego
Polokwane
Contact: Strike Maluleke 072 046 6844

REVISED SCOPE OF WORK & TECHNICAL CRITERIA

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1.2 List of equipment to be calibrated and serviced annually for a period of 5 years.

List of instruments

BA 100	Klerksdorp	GB0008.13A003
BA 100	Klerksdorp	GB0008.12A005
BA 100	Port Elizabeth	GB0008.13A004
BA 100	Rosherville	GB0008.13A001
BA 100	Rosherville	GB0008.12A007
BA 100	Rosherville	GB0008.12A002
BA 100	Rosherville	GB0008.12A001
BA 100	Rosherville	GB0008.12A010
BA 100	Witbank	GB0008.12A003
BAUR DPA 75	Witbank	44124004
BAUR DTA 100C	Bloemfontein	81803012
BAUR DTA 100C	Bloemfontein	81803013
BAUR DTA 100C	Brackenfell	1801837023
BAUR DTA 100C	Brackenfell	1801837024
BAUR DTA 100C	Klerksdorp	1801837025
BAUR DTA 100C	Klerksdorp	2401862006
BAUR DTA 100C	Pietermaritzburg	1801837026
BAUR DTA 100C	Pietermaritzburg	1101809023
BAUR DTA 100C	Port Elizabeth	1201813032
BAUR DTA 100C	Rosherville	1801837028
BAUR DTA 100C	Rosherville	1801837027
BAUR DTA 100C	Rosherville	110809025
BAUR DTA 100C	Rosherville	902910028
BAUR DTA100C	Rosherville	2401862005
BAUR DTA100C	Rosherville	2401862004
BAUR DTA100C	Rotek	1701833002
BAUR DTA100C	Rotek	181837029
BAUR DTA100C	Seshego	1701833004
BAUR DTA100C	Seshego	1701833003
BAUR DTA100C	Witbank	1801837030
BAUR DTA100C	Witbank	2401862003
BAUR DTL	Bloemfontein	1401723001
BAUR DTL	Rosherville	1401723002
BAUR DTL	Seshego	1801734006
BAUR DTL	Seshego	1701730004
BAUR DTL	Brackenfell	1401722020
BAUR DTL	Rosherville	901705017
BAUR DTL	Rotek	8017991030
BAUR DTL	Rotek	170173003
BAUR DTL	Rosherville	7317009

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1.3 List of services and spares to be provided for maintenance on as and when required basis.

Dielectric strength Oil Tester

Services	Model
Maintain Calibrate and service, annual	BAUR DTA 100C
	BAUR DPA 75
	BA 100
Maintain Calibrate and service, Adhock - as and when required	BAUR DTA 100C
	BAUR DPA 75
	BA 100

Material	Model
Integrated printer unit (BA)	BA 100
Integrated printer unit BAUR	DTA 100C and DTL
Printer paper	DTA 100C, DPA 75, BA 100 and DTL
Printer Cartridge Ribbon ERC-09B	DTA 100C, DPA 75 and DTL
Printer Cartridge Ribbon ERC-05B	BA 100
Sample cell complete	DTA 100C, DPA 75 and BA 100
Sample cell cover (Dust)	DTA 100C, DPA 75 and BA 100
Brass partial spherical electrodes	DTA 100C, DPA 75 and BA 100
Feeler gauge	DTA 100C, DPA 75 and BA 100
Magnetic Stirrer bar	DTA 100C, DPA 75 and BA 100
Magnetic Lifting stick	DTA 100C, DPA 75 and BA 100

TAN DELTA Oil Tester

Services	Model
Maintain Calibrate and service, annual	BAUR DTL
Maintain Calibrate and service, Adhock - as and when required	BAUR DTL

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Material	Model
Cap nut	BAUR DTL
High voltage electrode	BAUR DTL
Spherical valve	BAUR DTL
Compression ring	BAUR DTL
Valve cover	BAUR DTL
Insulating piece	BAUR DTL
Threaded pin	BAUR DTL
Armature	BAUR DTL
Gasket set	BAUR DTL
Sealing plug	BAUR DTL
Riser view glass nipple	BAUR DTL
Filler view glass nipple	BAUR DTL
Contact screw	BAUR DTL
Contact socket	BAUR DTL
Riser pipe	BAUR DTL
Filler pipe	BAUR DTL
Glass ring (large)	BAUR DTL
Slotted nut	BAUR DTL
Contact pressure ring	BAUR DTL
Protective ring	BAUR DTL
Glass ring (small)	BAUR DTL
Plastic transport ring	BAUR DTL
Measurement electrode	BAUR DTL
DTL C temperature probe (Temperature probe with neutrik plug)	BAUR DTL
Micro switch (Power supply switch for operating unit)	BAUR DTL
Display LCD	BAUR DTL
Fuse 10,00 AT Ø 6,3 x 32	BAUR DTL
O-ring Set	DTL
O ring 4.0 x 1.0MM	DTL
O ring 4.5 x 1.0MM	DTL
Filler view glass	DTL
Riser view glass	DTL

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Travel and Subsistence: Supplier to quote travel and subsistence for all the sites listed on the scope of work including flights and accommodation where applicable.

Description	Unit
Labour rate per hour	Hour
Travel rate per kilometre	Kilometre
Travel time per hour	Hour
Travel by Air	each
Delivery charges	each
Accommodation	each

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2. Technical Evaluation

Mandatory requirement:

Supplier must be accredited according to ISO17025 standard – must produce SANAS schedule of accreditation/ certificate.

Table 1

Criteria that will be used to score each tender:	Proof to be submitted	Allocation	Scores	Max Score
On Site calibration and maintenance	The supplier to provide proof that they will be able to do calibration and maintenance on all Petroleum Sciences site as stated on the scope of work.	On site services confirmed on a document or company letter head	15%	15%
		No on-site services confirmed on company letter head	0%	
Accessibility of spares and consumables	Supplier confirms accessibility of spares/parts as per the scope of work based on maintenance required.	Detailed List of spares according to the tender requirements-100%	10%	10%
		Detailed List of spares according to the tender requirements-80%	5%	
		Detailed List of spares according to the tender requirements-70%	0%	
After supply of service support using original spares	Commitment to provide after service support using the OEM spares, an agent must obtain proof of commitment of support from OEM	Commitment to provide after service support using OEM spares	15%	15%
		No commitment to provide after service support using OEM spares	0%	
Turnaround times	Commitment to respond to the request/support within 48hrs of receiving purchase order number.	Commitment to respond to requests/support within 48hrs of receiving purchase order number.	15%	15%
		Commitment to respond to the request/support within 72hrs of receiving purchase order number.	10%	
		Commitment to respond to the request/support more than 72hrs	5%	

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Competencies on Oil tester maintenance and calibration	Provide a resume and competency certificates for maintenance and calibration.	Provide a resume and competency certificate on Oil Testers maintenance and calibration	20%	20%
		Only competency certificate on Oil Testers maintenance and calibration	10%	
		No resume and competency certificate on Oil Testers maintenance and calibration	0%	
Calibration certificates	Calibration certificate meeting the requirements according to scope	Example of calibration certificate	10%	10%
		No example of calibration certificate	0%	
Experience on working with Oil Testers	Supplier to provide reference of the previous work indicating at least 3years experience of working with Oil Testers. E.g. Purchase order or any other relevant proof	3 x references	15%	15%
		2 x references	10%	
		Less than 2 references	0%	
		Total		100%
		Threshold		75%

Compiled by: Marthinus Lombaard Date: 2024-07-30 Signature: 

Approved by: Zanele NN Khuzwayo Date: 03 October 2024 Signature: 