

REVISED SCOPE OF WORK & TECHNICAL CRITERIA

Services, maintenance, repairs, and supply of consumables for HPLC, GC and Headspace instruments on an as and when required basis to all Eskom RT&D Petroleum Sciences laboratories.

SCOPE OF WORK AND TECHNICAL EVALUATION

A Term Service contract – Short Term contract is required. The following tasks will be done as part of the contract:

1. Scope of work/supply

- Maintenance, spares, consumables, repairs, and services of GC (Gas Chromatograph), HPLC (High Performance Liquid Chromatograph) and Headspace on all makes of instruments on an as and when required basis.
- Supplier MUST be able to supply, deliver and/or service at ALL Petroleum Sciences laboratories: Polokwane, Brackenfell, Bloemfontein, Klerksdorp, Witbank, Rosherville, Pietermaritzburg & Port Elizabeth. Including any other future laboratory in South Africa.
- Supplier must be able to repair and maintain instruments in a 48hr of receiving an order.
- If required, the supplier must also be able to decommission and re-commission instruments including moving of instruments to various locations.

List of Petroleum Sciences laboratories addresses

<u>ERIC</u>	<u>Rotek</u>
Eskom Research & Innovation Centre	Eskom Rotek Industries
Oil Lab - Block B	Rotek Oil lab
Lower Germiston Road	1 Lower Germiston Road
Rosherville	Rosherville
<u>B/fell</u>	<u>Bloemfontein</u>
Eskom Oil Lab	Eskom Oil Lab
Eskom Road	C/o Spoornet Depot
Brackenfell	Loco Street, East End
Cape Town	Bloemfontein
<u>PMB</u>	<u>PE</u>
Eskom Oil lab	Eskom Oil lab
1 Portland Road	C/o Eastcape Training Centre - Workshop 2
Mkondeni	Spondo Road, Struandale
Pietermaritzburg	Port Elizabeth
<u>Klerksdorp</u>	<u>Witbank</u>
Eskom Oil lab	Eskom Oil lab
22 Goueweg	Eskom Park (next to Electrical Workshop)
Townsend	Watermeyer Street

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Klerksdorp	Witbank
<u>Seshego</u>	
Eskom Oil Lab	
55 Moletsi street	
Seshego	
Polokwane	

2. Specification of Product or Goods

List of items, services with material and service numbers

Spares for Gas Chromatograph (GC)	Material number	Total Quantities
HP-Molsieve column (30m X 0.0535mm X 50µm) - Stationary phase	0000670366	3
HP Plot Q column (30m X 0.535mm X 40µm)	0000670367	3
Transfer column	0000670371	5
Nickel Cadmium catalyst	0000670365	5
Methanizer (packed)	0000670368	5
Vespel Ferrule Seal	0000674449	9
Gas clean charcoal Filter	0000670361	5
Gas clean Moisture Filter	0000670362	5
Gas clean Oxygen Filter	0000670363	5
Connector Press tight Universal, Deactivated Pack of 5	0000670369	2

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Vials 20ml (75.5 x 23 mm) clear for Head Space Gas Chromatograph analyzer 100 in a box)	0000668477	21
20 mm Butyl Septa (PTFE) for HS-Analyses -	0000668497	21
20mm Crimp Cap, Centre hole for Headspace Space -Analyses (100 in a pack)	0000668510	21
6 port 2 -pos, manual 1/16* 0.75mm, 225C/400psi gas,N60/E Valve	0000674659	2
Micrometering needle valve, bulkhead, 2-225ml/min, 1/16"tube, 18"/45cm, 2µm frit, 225 C, libr, SS/Viton	0000674448	2
TCD Cell Assembly wo EPC	0725197	1
Polymide ferrule, 5/pk, 050mm, 080mm	0725196	1
Spares/Parts for High Performance Liquid Chromatograph (HPLC)	Material number	
Phenomenex - Luna 5u C18(2) 100A New Column 250 x 2.0 mm - UOM:	0000668463	2
1.5 mL Screw Neck Vial N 9 outer diameter: 11.6 mm, outer height: 32 mm clear, flat bottom, wide opening (pack of 100)	0000668479	2
N 9 PP screw cap, blue, center hole, Silicone white/PTFE blue, slitted Hardness: 40 shore A Thickness: 1.0 mm (pack of 100)	0000668505	2
Deuterium Lamp/detector	0672811	1
PTFE Frits 5PK	0725198	8
<u>GC & HPLC Services</u>	Material number	
Install, Instrument GC	3000017485	24
Install, Instrument HPLC	3000017486	8
Repair, Equipment - GC - Minor	3000017487	16
Repair, Equipment - GC - Major	3000017488	40
Repair, Equipment - HPLC - Minor	3000017489	16
Repair, Equipment - HPLC - Major	3000017490	24

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Maintain, Instrument - GC	3000017491	16
Maintain, Instrument - HPLC	3000017492	16
Labour rate per hour (certified technician)	3000012617	
Travel & Accommodation	Material number	
Travel rate per km	3000014141	9123
Accommodation	3000028266	3

Technical Evaluation

Requirements		Supplier to provide proof as follows:	Weight %
Experience with relevant equipment (Perkin Elmer, Varian, Thermo Fischer, and Agilent Technologies)	Submit proof of CV, qualifications, and competency	7-10yrs=20% 4-6yrs=10% 0-3yrs=5%	20
Response time (repairs, service, and maintenance)	Submit a confirmation letter on letterhead committing to a specific turnaround time	48hrs=15% 3-5 days=10% 6-8 days=5%	15
Turnaround time (parts and consumables)	Delivery of local items (proof of supply chain agreement or resources to fulfil these requirements)	Submit on a company letterhead of delivery turn-around time for local items. - Delivery within 48 hours after receiving order =10% - Delivery of local items within 5 days after receiving order = 20%	20
	Delivery of imported items (proof of supply chain agreement or resources to fulfil these requirements)	Submit on a company letterhead of delivery turn-around time for imported items. - Delivery within 6 weeks after receiving order = 10%. - Delivery of imported items 6+ weeks after receiving order = 20%.	
Installation of equipment, decommissioning, recommissioning	Previous work order or job card	Documentations of containing previous work order and feedback from customers	20
Transportation	Supplier to be able to deliver and serve all Petroleum Sciences laboratories as indicated on tender (9 labs)	Supplier to commit on company letterhead that they would be able to deliver to all P&S laboratories (9 labs) in SA	15

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		• Delivery to 9 laboratories = 15% • Delivery to 7 laboratories = 5% • Delivery to 5 laboratories = 5%	
References	References of previous repair or maintenance work (Company name, Contact details and responsible person).	• Three reference letters = 10% • Two reference letters = 5%	10
		Total	100
THRESHOLD: 75%			

SHE Criteria

SHE evaluation criteria	Submitted (Yes/No)
1. Annexure B (Eskom Acknowledgement Form for OHS legal and other requirements)	
2. Letter of Good Standing	
3. Signed OHS Policy	
4. Baseline Risk Assessment	
5. OHS Plan	
6. 37(2) Eskom Agreement	

Compiled by: Vusumuzi Sibeko

Date: 23 August 2024

Approved by: Zanele Khuzwayo

Date: 23 August 2024 **Signature:**

