It is recommended that the supplier request the samples of used fabric filter materials from RT&D textile laboratory prior to submitting a tender, in order to ensure that the instrument is suitable for testing of the used fabric filter materials.

1. Description of Service/ product that needs to be provided:

Service/ product	Quantity	Delivery point
Air Permeability Meter	1	Eskom Research, Testing and Development (RT&D RT&D

2. Scope of work/supply

- Supply of air permeability meter and accessories for complete operation of the instrument.
- Installation, commissioning, and training of staff five (5)
- Regular service and calibration of the instrument.

3. Specification of Product or Goods

The air permeability meter will be used for testing of dusty bag filter samples. There are over 100 dusty fabric samples that will be tested per week. Some of the samples will be highly impregnated with dust and the instrument must be able to capture lowest values in the samples.
Air permeability meter must meet the following *minimum* requirements :

Measuring Range: ≤3 l/min to ≥8000 l/min
Measuring Accuracy: ±3%
Test Pressures: 20 to 1000 Pa
Test Area: 5 cm^2
Units of Measurements: ml/cm^2/s, m^3/m^2/min, ml/s, l/min, l/m^2/s, l/dm^2/min, cm^3/cm^2/s, CFM

4. Technical Evaluation Criteria

RESEARCH, TESTING & DEVELOPMENT (R,T&D) SCOPE OF WORK	QUANTITY	R,T&D WEIGHTING CRITERIA %		
DESCRIPTION				
Adherence to scope of work:		Total	>2 codes	<2 codes
		≥		
• Experience in the supply of air permeability meters	Number of years	15%	>2yrs	<2yrs
			20%	15%
• Experience in service and calibration of Air permeability meters	Number of years	15%	>2yrs	<2yrs
			20%	15%
• Instruments minimum requirements	Number of codes (units)	30%	≥7 codes	30%
			5 codes	20%
			3 codes	10%
			≤2 codes	5%
	Capability to capture values <1	20%	<1	20%
• Versatility for Onsite Application		20%	20 %	
Total Score **(Minimum scoring required 80%**		**100 %**		