



BID DESCRIPTION: REQUEST FOR BIDS FOR THE APPOINTMENT OF THE AIR QUALITY MONITORING CONTRACTOR AT KING SHAKA INTERNATIONAL AIRPORT FOR A PERIOD OF THREE (03) YEARS

Table 1 Analyzers

Name of analyzer	Model
NO _x Analyzer	Environment SA AC32M
SO ₂ Analyzer	Environment SA AF22M
O ₃ Analyzer	Environment SA 42M
Particulate Matter Analyzer	Environment SA MP101M
VOC Analyzer	Environment SA 72M
CO Analyzer	Environment SA 12M

Note:

- The analysers highlighted in red will be affected by December 2027.
- VOC analyzer is currently not being used as VOC's are monitored via passive sampling station.
- To monitor Co, O₃, SO₂, and No_x, KSIA uses 2M series analysers which are manufactured by ENVEA.

ENVEA issued a notice indicating that the 2M series analysers have been discontinued. As a result, any consumables or spare parts required for the operation or maintenance of the 2M series analyzers will no longer be supplied after December 31, 2027. Accordingly, bidders should note that they may be required to propose and implement replacement technology or provide alternative equipment capable of monitoring CO, O₃, SO₂, and NO_x. The proposed replacement system must be commissioned, tested and fully operational at least three months (31 September 2027) before the planned decommissioning of the existing analysers to ensure continuity of monitoring operations.

The replacement equipment must:

- Be suitable for ambient air quality monitoring applications
- Produce data that is comparable with historical datasets generated by the existing monitoring station
- Be compatible with reporting requirements as per the AEL

Tel +27 11 723 1400 Fax +27 11 453 9354

Western Precinct, Aviation Park, O.R. Tambo International Airport, 1 Jones Road, Kempton Park, Gauteng, South Africa, 1632

P O Box 75480, Gardenview, Gauteng, South Africa, 2047

www.airports.co.za



Bidder will be responsible for the following:

- Supply and installation of new equipment

Pricing schedule A

PRICING SCHEDULE

No.	Description	Quantity	Unit	Rate per unit	Annual rate
1	Passive sampling (BTEX)	7	Quarter (4)		
2	Dust fall outs	7	Quarter (4)		
3	Station maintenance (NO _x , SO ₂ , CO, O ₃ , PM ₁₀ , Wind speed and directional sensor)	1	Weekly (52)		
4	Calibrations of 6 analysers	Per analyser	Quarter (4)		
5	Analyser routine servicing	Per analyser	Annual (1)		
6	Monthly report	1	Month (12)		
7	Physical meeting (Max. 6 per financial year)	6	Year (1)		
8	NAEIS submission	1	Annual (1)		
9	Permits	3 (personnel)	1		
		1 (vehicle)	1		
TOTAL EXCL. VAT					
VAT 15%					
GRAND TOTAL INCL. VAT					

Refer to Annexure A for permits notes.

Tel +27 11 723 1400 Fax +27 11 453 9354
 Western Precinct, Aviation Park, O.R. Tambo International Airport, 1 Jones Road, Kempton Park, Gauteng, South Africa, 1632
 P O Box 75480, Gardenview, Gauteng, South Africa, 2047
www.airports.co.za

Airports Company South Africa SOC Ltd Reg No 1993/004149/30 VAT no 4930138393 Board of Directors: Mr Irvin Phenyane (Chairperson), Dr Kgabo Badimo, Ms Dudu Hlatshwayo, Mr Andile Khumalo, Ms Lwazikazi Nopece, Mr Theunis Chamberlain, Mr Roy Mnisi, Mr Surendra Sooklal, Ms Xoliswa Daku, Ms Keitumetse Mahlangu, Ms Mpumi Mpofu (Chief Executive Officer), Mr Luzuko Mbotya (Chief Financial Officer), Ms Fefekazi Sefara (Company Secretary)

**Pricing schedule C : Summary table**

	Previous year total	CPI@5%	Total
Year 1	N/A	N/A	
Year 2			
Year 3			
	AEL renewal		R10 000
Pricing schedule B total			
TOTAL EXCLUDING VAT			
GRAND TOTAL INCL. VAT			

Note: The CPI will be used for cost estimation purposes. At the anniversary of the contract the applicable CPI will be applied. AEL renewal will be paid on proven cost.

Query: Is the airport monitoring soluble or insoluble dust?
both soluble and insoluble mass.

Response: Dust fallout monitored is for both soluble and insoluble mass.

ANNEXURE A**Permits pricing guide**

Note: Permits will be paid on proven cost, the client will be responsible for paying permit fee of not more than 3 resources. The permits highlighted in yellow will need to be applied for, icons are at the discretion of the bidding entity as they are not compulsory.

1. Human resources

The following training will be required

1.1. Training

Training	Year	Resource
Airside induction	1	All 3
Airside induction refresher	3	All 3

Tel +27 11 723 1400 Fax +27 11 453 9354
Western Precinct, Aviation Park, O.R. Tambo International Airport, 1 Jones Road, Kempton Park, Gauteng,
South Africa, 1632
P O Box 75480, Gardenview, Gauteng, South Africa, 2047
www.airports.co.za

Airports Company South Africa SOC Ltd Reg No 1993/004149/30 VAT no 4930138393 Board of Directors: Mr Irvin Phenyane (Chairperson), Dr Kgabo Badimo, Ms Dudu Hlatshwayo, Mr Andile Khumalo, Ms Lwazikazi Nopece, Mr Theunis Chamberlain, Mr Roy Mnisi, Mr Surendra Sooklal, Ms Xoliswa Daku, Ms Keitumetse Mahlangu, Ms Mpumi Mpofu (Chief Executive Officer), Mr Luzuko Mbotya (Chief Financial Officer), Ms Fefekazi Sefara (Company Secretary)



Airside vehicle operators permit (for driver only)	1	Driver only
Airside vehicle operators permit refresher (for driver only)	3	Driver only
General Safety Awareness (GSAT)	1 and year 3	All 3

Prices for Trainings:

<u>Online Courses</u>	<u>COURSE COST (Excl. Vat)</u>
SAFETY- Airside Induction	R2,407.72
SAFETY- Airside Induction Refresher	R1,099.10
SAFETY- Airside Vehicle Operators Permit (AVOP)	R2,407.72
SAFETY- Airside Vehicle Operators Permit Refresher(AVOP)	R1,099.10
Aerodrome Emergency Preparedness (Online)	R2,407.72
Safety Management System (SMS)	R2,407.72
Safety Management System Refresher(SMS)	R1,099.10
General Security Awareness (GSAT)	R1,099.10

Tel +27 11 723 1400 Fax +27 11 453 9354
 Western Precinct, Aviation Park, O.R. Tambo International Airport, 1 Jones Road, Kempton Park, Gauteng,
 South Africa, 1632
 P O Box 75480, Gardenview, Gauteng, South Africa, 2047
www.airports.co.za

Airports Company South Africa SOC Ltd Reg No 1993/004149/30 VAT no 4930138393 Board of Directors: Mr Irvin Phenyane (Chairperson), Dr Kgabo Badimo, Ms Dudu Hlatshwayo, Mr Andile Khumalo, Ms Lwazikazi Nopece, Mr Theunis Chamberlain, Mr Roy Mnisi, Mr Surendra Sooklal, Ms Xoliswa Daku, Ms Keitumetse Mahlangu, Ms Mpumi Mpofu (Chief Executive Officer), Mr Luzuko Mbotya (Chief Financial Officer), Ms Fefekazi Sefara (Company Secretary)



1.2. Printing

KSIA PERMIT PRICE LISTING			
1. PERSONAL PERMITS			
PERMIT TYPE	DURATION	PRICE EXCL.VAT	PRICE INCL.VAT @15%
Personal Permanent Permit (New)	2 years	188,76	217,07
Personal Permanent Permit (Renewal)	2 years	232,76	267,67
Permit Icon (cell phone)		44,00	50,60
2. VEHICLE PERMITS			
PERMIT TYPE	DURATION	PRICE EXCL.VAT	PRICE INCL.VAT @15%
Airside Vehicle Permit	1 year	4317,88	4965,562
Air Vehicle - Temporary Permit	1-3 months	526,00	604,90
Air Vehicle - Temporary Permit	3-6 months	1 052,00	1 209,80
Air Vehicle - Temporary Permit	1 day	166,66	191,66
Air Vehicle - Temporary Permit	2 days	166,66	191,66
Air Vehicle - Temporary Permit	3 days	166,66	191,66
Air Vehicle - Temporary Permit	4-5 days	333.32	383.32
3. PARKING PERMITS			
PERMIT TYPE	DURATION	PRICE EXCL.VAT	PRICE INCL.VAT @15%
Staff Parking Permit	1 year	1 909,36	2195.76
Staff Parking Permit	1 month	159.11	182.98

2. Vehicle requirements

Documents

- Document confirming age of vehicle (e.g. log book)
- Copy of Company liability insurance inclusive of Aviation liability

Tel +27 11 723 1400 Fax +27 11 453 9354
 Western Precinct, Aviation Park, O.R. Tambo International Airport, 1 Jones Road, Kempton Park, Gauteng,
 South Africa, 1632
 P O Box 75480, Gardenview, Gauteng, South Africa, 2047
www.airports.co.za

Airports Company South Africa SOC Ltd Reg No 1993/004149/30 VAT no 4930138393 Board of Directors: Mr Irvin Phenyane (Chairperson), Dr Kgabo Badimo, Ms Dudu Hlatshwayo, Mr Andile Khumalo, Ms Lwazikazi Nopece, Mr Theunis Chamberlain, Mr Roy Mnisi, Mr Surendra Sooklal, Ms Xoliswa Daku, Ms Keitumetse Mahlangu, Ms Mpumi Mpofu (Chief Executive Officer), Mr Luzuko Mbotya (Chief Financial Officer), Ms Fefekazi Sefara (Company Secretary)



Lifespan

- Ensure that the lifespan of equipment and vehicles does not exceed the following limits:
- Light commercial passenger vehicles (up to twelve (12) passengers) – maximum age eight (8) years
- Heavy commercial passenger vehicles (up to twenty-three (23) passengers) –maximum age eight (8) years
- Heavy commercial load vehicles (Gross Vehicle Mass exceeding 3500 kg) –maximum age eleven (11) years

Strobe Light

- A permanent medium size amber strobe light of a low intensity shall be fitted to the roof or other elevated /part of the vehicle or item of equipment. - The amber strobe light shall be visible from all angles.

Signage

- The vehicle/equipment shall display signage which includes both prefix and a company logo
- The registration number of the vehicle/equipment shall not be used as a prefix
- The prefix shall be displayed in arial bold font, black or dark blue in colour and 200 mm in height the prefix shall be displayed in white
- The company logo need not conform to the above standard, as each company has their specific logo
- The company's prefix shall be clearly visible and have a minimum of two (2) alphanumeric and two (2) numerical characteristics e.g. SP 01, BD 02 etc.;
- The prefix shall be displayed visibly on the front two (2) doors and the roof of the vehicle/equipment
- It is recommended that the prefix and logo be situated next to one another on the doors, but this shall be separated
- Signage shall be affixed permanently on all vehicles/equipment whether used permanently or as a contracting vehicle/equipment and where the vehicle/equipment is being escorted, this shall not be required.

Tel +27 11 723 1400 Fax +27 11 453 9354
Western Precinct, Aviation Park, O.R. Tambo International Airport, 1 Jones Road, Kempton Park, Gauteng,
South Africa, 1632
P O Box 75480, Gardenview, Gauteng, South Africa, 2047
www.airports.co.za



Marking Strips

- A continuous reflective strip shall be required to identify at least 80% of the length and width of the trailer which includes motor vehicles and equipment. Yellow colour reflectors to the side which includes motor vehicles.

Tel +27 11 723 1400 Fax +27 11 453 9354
Western Precinct, Aviation Park, O.R. Tambo International Airport, 1 Jones Road, Kempton Park, Gauteng,
South Africa, 1632
P O Box 75480, Gardenview, Gauteng, South Africa, 2047
www.airports.co.za

Airports Company South Africa SOC Ltd Reg No 1993/004149/30 VAT no 4930138393 Board of Directors: Mr Irvin Phenyane (Chairperson), Dr Kgabo Badimo, Ms Dudu Hlatshwayo, Mr Andile Khumalo, Ms Lwazikazi Nopece, Mr Theunis Chamberlain, Mr Roy Mnisi, Mr Surendra Sooklal, Ms Xoliswa Daku, Ms Keitumetse Mahlangu, Ms Mpumi Mpofu (Chief Executive Officer), Mr Luzuko Mbotya (Chief Financial Officer), Ms Fefekazi Sefara (Company Secretary)