

## 1. PRICING SCHEDULE FOR INDUSTRIAL GASES

Item No.	Item Name	Molecular Formula	Purity (% composition of gas components)
1,1	Air	N <sub>2</sub> +O <sub>2</sub>	Air: 19-23% Oxygen, Balance - Nitrogen
1,2	Air, Sythetic	N <sub>2</sub> +O <sub>2</sub>	Air: 21-22.5% Oxygen, Balance - Nitrogen
1,3	Acetylene	C <sub>2</sub> H <sub>2</sub>	98,00%
1,4	Ammonia	NH <sub>3</sub>	99,70%
	Ammonia	NH <sub>3</sub>	99,70%
1,5	Argon	Ar	99,99%
1,6	Carbon Dioxide Liquefied Gas	CO <sub>2</sub>	99,00%
1,7	Carbon Dioxide	CO <sub>2</sub>	99,00%
	Carbon dioxide and Carbon monoxide mixture	CO <sub>2</sub> + CO	40% CO <sub>2</sub> 60% CO
1,9	Chlorine	Cl	99,50%
1,1	Helium	He	99,00%
1,11	Hydrogen	H <sub>2</sub>	99,50%
1,14	Nitrogen	N <sub>2</sub>	99,997%
1,15	Nitrogen	N <sub>2</sub>	99,50%
1,16	Nitrogen Tank	N <sub>2</sub>	99,50%
1,17	Oxygen	O <sub>2</sub>	99,50%
1,18	Oxygen-Medical	O <sub>2</sub>	99,50%
1,19	Mixture of Nitrogen, Nitric Oxide and Carbon Monoxide	N <sub>2</sub> , NO and CO	NO: 140ppm CO: 100ppm N <sub>2</sub> : Balance
1,26	Pyroshield		Ar: 50% N <sub>2</sub> :50%

## 2. PRICING SCHEDULE FOR SPECIAL GASES

Item No.	Item Name	Molecular Formula	Purity (% composition of gas components)
2,1	Mixture of Nitrogen and Carbon Monoxide	N <sub>2</sub> & CO	CO: 500 ppm N <sub>2</sub> :Balance
2,2	Mixture of Nitrogen and Carbon Monoxide	N <sub>2</sub> & CO	CO: 2000 ppm N <sub>2</sub> :Balance
2,3	Mixture of Nitrogen and Carbon Monoxide	N <sub>2</sub> & CO	CO: 25% N <sub>2</sub> : Balance
2,4	Mixture of Nitrogen, Oxygen, Nitrogen Monoxide and Sulphur Dioxide	N <sub>2</sub> , O <sub>2</sub> , NO, & SO <sub>2</sub>	O <sub>2</sub> :4.5% NO: 4000ppm, SO <sub>2</sub> : 6000ppm N <sub>2</sub> : Balance
2,5	Mixture of Nitrogen and Dinitrogen Oxide (Nitrous Oxide)	N <sub>2</sub> & N <sub>2</sub> O	N <sub>2</sub> O:500 ppm N <sub>2</sub> : Balance
2,6	Mixture of Nitrogen and Nitric Oxide	N <sub>2</sub> & NO	NO :4000 ppm N <sub>2</sub> :balance
2,7	Mixture of Nitrogen and Nitric Oxide	N <sub>2</sub> & NO	NO :500 ppm N <sub>2</sub> : balance
2,8	Mixture of Nitrogen and Nitric Oxide	N <sub>2</sub> & NO	NO: 70ppm N <sub>2</sub> : Balance
2,9	Mixture of Nitrogen and Nitric Oxide	N <sub>2</sub> & NO	NO :800 ppm N <sub>2</sub> : balance
2,1	Mixture of Nitrogen and Sulphur Dioxide	N <sub>2</sub> & SO <sub>2</sub>	SO <sub>2</sub> :600 ppm N <sub>2</sub> : Balance
2,11	Mixture of Nitrogen and Sulphur Dioxide	N <sub>2</sub> & SO <sub>2</sub>	SO <sub>2</sub> :2000 ppm N <sub>2</sub> : Balance
2,12	Mixture of Nitrogen, Carbon Dioxide and Hydrogen	N <sub>2</sub> , CO <sub>2</sub> & H <sub>2</sub>	CO <sub>2</sub> : 5% H <sub>2</sub> : 10% N <sub>2</sub> : Balance
2,13	Mixture of Nitrogen, Carbon Dioxide, Nitric Oxide and Sulphur Dioxide	N <sub>2</sub> , CO <sub>2</sub> , NO & SO <sub>2</sub>	SO <sub>2</sub> :800ppm NO:400ppm CO <sub>2</sub> : 13.5% N <sub>2</sub> : Balance

2,14	Mixture of Nitrogen, Oxygen, Carbon Dioxide and Carbon Monoxide	N2, O2, CO2 & CO	O2 :4% CO2:5000ppm, CO :500ppm N2 : Balance
2,15	Mixture of Nitrogen, Oxygen, Carbon Dioxide and Carbon Monoxide	N2, O2, CO2 & CO	O2: 3.5% CO2: 15% CO: 800 ppm N2: Balance
2,16	Nitrogen VGL Liquid High Pressure		N2: 99.5%
2,17	Mixture of Nitrogen and Sulphur Dioxide	N2 & SO2	SO2: 70 ppm N2: Balance
2,18	Mixture of Nitrogen, Sulphur Dioxide, Oxygen and Carbon Dioxide		SO2: 800 ppm O2:6% CO2:13.5% N2:Balance
2,19	Synthetic Air	N2 & O2	O2: 19-23% N2:Balance CnHm ≤4ppm H2O ≤4ppm
2,20	Zero Air	N2 & O2	O2: 19-23% and 3% RAT N2:Balance CnHm ≤0.5ppm and 3%RAT
2,21	Nitrogen(Lasal Alphagaz 1)	N2	N2:99.95%
2,24	Argon 5.0 Mixture	Ar &CO2&H2O&N2 &O2 &2.0 &CnHm	Ar>= 99.999% CO2 ≤0.5ppm H2O≤2.0ppm N2 ≤5ppm O2 ≤2.0 ppm CnHm ≤ 0.5ppm
2,25	Argon mix P10	Ar	CH4:10% Ar : Balance
2,27	Pure Oxygen	O2	O2:99.998%
2,28	Medical Oxygen	O2	O2:99.95%
2,33	Sulphur Hexafluoride	SF6	SF6≥99.70 % by weight Air: 2 g/kg CF4: 2400 mg/kg H2O: 25 mg/kg Mineral Oil: 10 mg/kg Acidity i.t.o HF: 1 mg/kg

2,37	Special Gas (Mixture of Carbon Monoxide and Carbon Dioxide)		CO :60% CO2:40%
2,38	H2S Mix		H2S:70 ppm " balance N2"
2,39	Helium		He: 99.999% O2 ≤ 2 ppm N2 ≤ 5 ppm H2O ≤ 2ppm CO ≤ 0.5 ppm CO2 ≤ 0.5 ppm
	Air (Synthetic)	N2+O2	Air: 19 - 23% Oxygen Nitrogen Balance
	Gas Mixer		CH4: 1000 ppm CO: 1000 ppm C2H4: 1000 ppm C2H2: 1000 ppm C3H8: 1000 ppm C3H6: 1000 ppm C4H10: 1000 ppm C4H8: Balance Synthetic Air
	Mixed Gas Standard		H2 :1000ppm ± 2% accuracy CH4:1000ppm ± 2% accuracy CO :1000ppm ± 2% accuracy CO2 : 1000ppm ± 2% accuracy C2H4:1000ppm ± 2% accuracy C2H6:1000ppm ± 2% accuracy C2H2:1000ppm ± 2% accuracy C3H8:1000ppm ± 2% accuracy C3H6:1000ppm ± 2% accuracy C4H10:1000ppm ± 2% accuracy N2&O2:Balance

### 3. PRICING SCHEDULE FOR LIQUEFIED PETROLE

Item No.	Item Name	Molecular Formula	Purity (% composition of gas components)
3,1	Liquid Petroleum	Propane Butane Mixture	
3,2	Liquid Petroleum	Propane Butane Mixture	
3,3	Liquid Petroleum	Propane Butane Mixture	

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**Liquefied Petroleum Gas prices are regulated by South African region which they intend to supply.**





## **AND MEDICAL GASES**

### **Gas requirements for : 56 Months Contract**

		Province	
		Gauteng	
Cyl Capacity	Quantity (Year 1)	Product price per KG	Cylinder price per KG
9.8kg	5		
9.8kg	95		
8.6kg	1572		
480kg	50		
61kg	40		
16.9kg	1620		
Supplier to Specify ( no size bcoz in litres) Air products n Air lied	5346		
31.5kg	3100		
Supplier to Specify	350		
1.5kg	330		
0.62kg	350		
11kg	4900		
148kg M/T (Milli tanker)	115000		
Bulk-M/T	42000		
11.5kg	659		
11.2kg	590		
10L	120		
Supplier to Specify	500		



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**Gas requirements for : 56 Months Contract**

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<b>Cyl Capacity</b>	<b>Quantity (Year 1)</b>	<b>Product price per KG</b>	<b>Cylinder price per KG</b>
10L	186		
10L	6		
50L	14		
50L	12		
10L	12		
10L	8		
10L	12		
10L	12		
50L	1		
10L	12		
10L	12		
10L	12		
10L	12		

10L	12		
10L	12		
M/T	36		
10L	10		
10L	12		
10L	12		
10L	12		
50L	2		
17.8kg	60		
50L	36		
13.6kg	6620		
11.8kg	1152		
63kg	33		

50kg	96		
50L	5		
50L	24		



**UM GAS (LPG)**

**Gas requirements for : 56 Months Contract**

<b>Cyl Capacity</b>	<b>Quantity (Year 1)</b>	<b>Product price per KG</b>	<b>Cylinder price per KG</b>
19kg	50		
48kg	1325		
9kg	50		

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Department of Energy, which publishes Maximum Retail Prices on a monthly basis. Suppliers are the





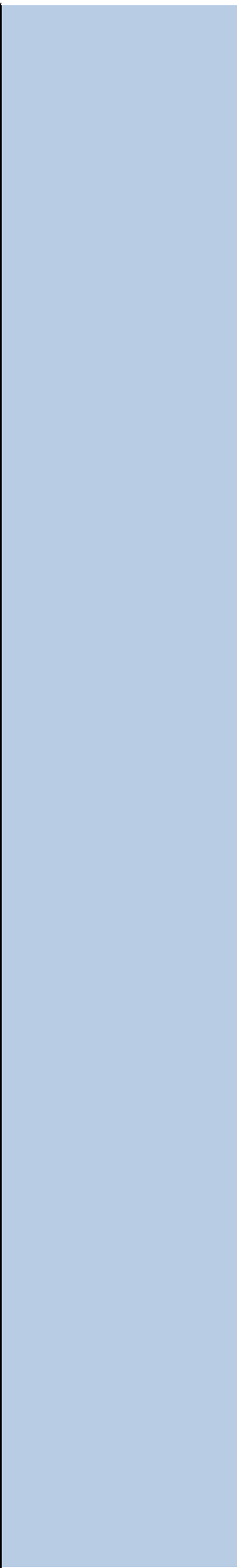




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<b>Total price per KG</b>	<b>Comments/ Calculation Explanations</b>
0	
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erefore required to provide a fixed discount/ mark-up (cents per kilogram) per







