

ESKOM GENERATION

2025

THE SUPPLY AND DELIVERY OF LAB
CHEMICALS AS AND WHEN
REQUIRED BASIS FOR A PERIOD OF
60 MONTHS AT CAMDEN POWER
STATION: BILLS OF QUANTITIES

CONTRACT NUMBER :

CONTRACTOR :

**CONTRACT AMOUNT
(EXL. VAT) :**

**CONTRACT AMOUNT
(INCL. VAT) :**

**THE SUPPLY AND DELIVERY OF LAB CHEMICALS AS AND
WHEN REQUIRED BASIS FOR A PERIOD OF 60 MONTHS
AT CAMDEN POWER STATION**

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**THE SUPPLY AND DELIVERY OF LAB CHEMICALS AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 60 MONTHS AT CAMDEN
POWER STATION**

NOTES TO TENDERERS

1. Bills of Quantities

This document comprises Notes to Tenderers and Bills of Quantities and is hereafter referred to as "the Bills of Quantities".

The Tenderers are to note that this is a Contract with a Bills of Quantities.

2.1 CONTRACT DOCUMENTS

The contract documents will consist of:

2.1.1 The NEC3 Supply Contract 2013 together with all amendments.

2.1.2 These Bills of Quantities, including all annexures and supplementary documentation referred to therein.

2.1.3 Documents to be provided by the Contractor in terms of the requirements of these Bills of Quantities.

2.1.4 Construction Regulations 2014

2.1.5 Occupational Health and Safety Act of 1993

3 DRAWINGS

There are no drawings for this contract.

4 VALUE ADDED TAX

Tenderers should compute their rates from the net costs (excluding Value Added Tax). Value Added Tax at the current rate of 15% is to be added to the net sub-total on the final summary page by means of a single sum calculation to establish the tender price.

5 SCOPE OF WORK

As a guide only, the work comprises as follows:-

The contract is required for the period of 5 years to Supply and Deliver of LAB chemicals as and when required basis.

6 ADDRESS WHERE DOCUMENTS CAN BE OBTAINED

Tender documents will be made available Electronically on an online portal to be provided by Eskom

7 POSSESSION OF SITE

The date of which possession of the Site shall be given to the Contractor shall be within 7 **working days** of the acceptance of this tender.

8 CONSTRUCTION PERIOD - DATES FOR PRACTICAL COMPLETION

The intended date for practical completion and penalty for each calendar day for non-completion shall be:

Practical Completion: 60 Months from the date of Site Handover

Tenderers are to note that the Contract will be delivered as a whole and NOT to be phased.

9 COMMON LAW OR BY-LAW REQUIREMENTS

No liability for not specifically mentioning any normal contractual, Common Law or By-Law requirements will be accepted by the Employer, or Contracts Manager.

10 ORDERING OF MATERIALS

No claims will be entertained due to non-availability of materials or labour. The Tenderer is therefore required to investigate and ensure that the specific materials and components required for the works will be available at the relevant estimated construction times, at the time of tendering.

11 CONTRACT PRICE ADJUSTMENT

The Contract Sum shall be subject to CPAP.

12. PRICED Bills of Quantities:

Tenderers must submit to the Contracts Manager a copy of the Bills of Quantities fully priced and extended, with his tender. After the Bills of Quantities has been checked, and when called upon, each page of the Bills of Quantities shall be initialed and the Index page and the Final Summary page signed in full.

13 DIFFERENCE AND DISCREPANCIES:

Should there be any difference or discrepancy between the prices or particulars contained in the official Tender Form and those contained in any covering letter from the Tenderer, the prices contained in the official Tender Form shall prevail.

Every Tenderer shall be deemed to have waived, renounced and abandoned any conditions printed or written upon any stationery used by him for the purpose of or in connection with the submission of his Tender, which are in conflict with the Conditions of Tender.

Tenderers are warned that any material divergence from the official conditions or specifications may render their Tenders liable to disqualification.

The Tenderers are to note that if there are any arithmetical errors in the Tenderers' form of tender in calculation of the Tender Sum, the Contracts Manager will correct the calculation accordingly.

14 COMMUNICATION WITH MEMBERS OF THE CLIENT COMPANY OR PROFESSIONAL TEAM

A Tenderer shall not in any way communicate with a member of the Client Company or Professional Team or with any officer on a question affecting any contract or the supply of goods or for any work, undertaking or service which is the subject of a Tender during the period between the closing date for receipt of Tenders and the dispatch of the written notification of the Employer's decision on the award of the contract; provided that a Tenderer shall not hereby be precluded from obtaining from the Employer or his authorised representative information as to the date upon which the award of the contract is likely to be made or, after the decision upon the award has been made by the Contracts Manager to which the Employer had delegated its powers, information as to the nature of the decision or such information as was publicly disclosed at the opening of Tenders.

15 IMPORT PERMITS:

Tenderers must apply direct for any import permit and/or currency required, however the Contracts Manager will furnish successful Tenderers with a supporting statement if required.

16 Bills of Quantities:

No alteration, erasure, omission or addition is to be made to the text and conditions of these Bills of Quantities and should any such alteration, amendment, note or addition be made, the same will not be recognised, but the reading of the Bills of Quantities as prepared by the Contracts Manager will be adhered to.

It should be understood that the system of measurement herein adopted is the only system of measurement which will be recognised in connection with this contract. Before the signing of the contract, the Contracts Manager will be entitled to call for adjustments of individual rates and rectify discrepancies, as he considers necessary without alterations to the Tender amount.

6 Ensure that every employee or person (including visitors) who enters the site of the Works undergoes health and safety induction training pertaining to hazards identified on the site of the Works and upon such training having been successfully completed, the Contractor must issue written confirmation by a competent person to the trained employees or persons who shall be further instructed to carry such confirmation with them at all times whilst on the site of the Works;

7 Issue, on loan, the necessary personal protective equipment to visitors to the site of the Works; and

8 Be in good standing with the Compensation Commissioner at all times during the duration of the Contract.

9 The Contractor is to sign a Non-Disclosure Agreement prior to collecting or receiving any proprietary information from Eskom, drawings, documentation, reports and photographs

The Contractor will be deemed to have satisfied himself with his obligations in terms of the Act and to have allowed for all costs arising from compliance with the Act as no claim for extra costs arising from compliance with, and obligations in terms of the Act will be entertained.

17 PRICING OF THESE GENERAL NOTES

The Contractor must allow in his pricing for any additional costs arising from these "General Notes" as no later claims for additional costs will be considered.

18 TAX COMPLIANCE

Failure to provide mandatory information required in this Bid will result in the submissions being deemed null and void and shall be considered non-responsive. An Electronic Tax Compliance Status (TCS) System will be used to verify the bidder's tax compliance status so bidders must request a unique security personal identification number (PIN) from SARS which must be submitted with the bid

No alternative tender offers will be considered.

THE SUPPLY AND DELIVERY OF LAB CHEMICALS AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 60 MONTHS AT CAMDEN POWER STATION

Item	Description	Unit	Quantities Required Duration (5 Years)	Rate	Amount
	<u>BILL OF QUANTITIES</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	<u>Rate approvals:</u>				
	The tenderer is advised that any rate that is supplied for work must include the following breakdown:				
	Material, labour, plant, wastage, transport and profit.				
	All rates tendered on and / or pricing in these bills of quantities to be in the South African Rands Currency (ZAR)				
	All individual amounts in these bills of quantities exclude Value Added Tax (VAT) VAT is to be calculated as a lump sum and added to the total of all values in the Final Summary under the item provided for VAT				
	<u>LABOUR INTENSIVE ITEMS</u>				
	The contractor shall comply with all requirements of the "Code of Good Practice for Employment and Conditions of Work for Special Public Works Programmes" issued in terms of the "Basic Conditions of Employment Act, 1997 (Act No. 75 of 1997)" and the related "Ministerial Determination", for the employment of locally employed temporary workers on a labour-intensive infrastructure project under the Expanded Public Works Programme (EPWP)				
	<u>PRICING OF THIS BILLS OF QUANTITIES</u>				
	Any items left unpriced will be understood to be provided free of charge and no claim for any extras arising out of the tenderer's omission to price any item will be entertained.				
	<u>TECHNICAL DOCUMENT</u>				
	The Contractor is referred to entire Technical Document for the details of the Scope. The Contractor is to study the details of this document prior to pricing this Bills of Quantities				
	<u>BILL NO. 01 - PRELIMINARIES AND GENERAL</u>				
1	Provision and Submission of Safety File	Sum	1		R
2	SAPS Vetting and /or Finger Print Check	Years	5		R
3	Medicals - Entry, Renewal and Exit	Years	5		R
4	Personal Protective Equipment (PPE)	Years	5		R
5	Transportation	Years	5		R
6	Contractual Compliance (During the 60 Months Contract Period)	Years	5		R

BILL NO. 02 - WATER TREATMENT PLANT				
CHEMICALS				
Supply and Delivery of Lab Chemicals				
Camden Power Station				
1	SOLUTION:BUFFER;9 PH;TUBE 500 ML	EA	500	
2	SOLUTION:BUFFER;7 PH;TUBE 500 ML	EA	1 200	
3	CHEMICAL:AMMONIUM MOLYBDATE SALT;500 G	EA	30	
4	CHEMICAL:SODIUM HYDROXIDE (NAOH);PELLETS	KG	50	
5	CHEMICAL:BUFFER SOLUTION PH 4.00;LIQD;AR	EA	300	
6	CHEMICAL:EDTA SOLUTION;5 L	EA	15	
7	CHEMICAL:HYDROCHLORIC ACID 32%;LIQUID	EA	10	
8	CHEMICAL:OXALIC ACID ANHYDROUS;SOLID	EA	30	
9	CHEMICAL:SODIUMCARBONATE ANHYDROUS	EA	5	
10	CHEMICAL:DPD NO1;SOLID;PACKET;SATCHET;AR	EA	100	
11	CHEMICAL:DPD NO3;SOLID;PACKET;SATCHET;AR-pills for chlorine analysis	EA	100	
12	BOTTLE:SAMPLING BOTTLE;1000 ML;PLASTIC	EA	2 000	
13	CHEMICAL:ACETONE;LIQD;2.5 L;BOTTLE GLASS	EA	100	
14	CHEMICAL:ANOLYTE;LIQD;1.5 L;GLASS	EA	30	
15	CHEMICAL:BUFFER SOLUTION PH 10.00;LIQD	EA	300	
16	CHEMICAL:BUFFER SOLUTION PH 7.00;LIQD;AR	EA	500	
17	CHEMICAL:BUFFER SOLUTION PH 9.00;LIQD;AR	EA	100	
18	CHEMICAL:CALCIUM STANDARD AMPOULE;LIQD	EA	30	
19	CHEMICAL:COPPER STD SOLUTION 1000PPM;500	EA	30	
20	CHEMICAL:DIISOPROPYLAMINE;LIQD;2.5 L	EA	100	
21	CHEMICAL:DIPHOTERINE SOLUTION;GAS;5 L	EA	10	
22	CHEMICAL:DIPHOTERINE WALL MOUNT STATION	EA	10	
23	CHEMICAL:ETHANOL;LIQD;2.5 L	EA	30	
24	CHEMICAL:FERROUS AMMONIUM SULPHATE;SOLID	EA	20	
25	CHEMICAL:GLYCERIN;LIQD;100 ML;BOTTLE	EA	20	
26	CHEMICAL:HYDRANAL COULOMAT CG;LIQD;5 ML for karl fiser analysis-oil moisture analysis	EA	100	
27	CHEMICAL:HYDRANAL METHANOL RAPID;LIQD	EA	30	
28	CHEMICAL:HYDROCHLORIC ACID SUPRAPUR 30%	EA	40	
29	CHEMICAL:HYDROGEN PEROXIDE;2.5 L;H2O2	EA	5	
30	CHEMICAL:N-HEXANE;REFINED LIQUID;2.5 L	EA	50	
31	CHEMICAL:NITRIC ACID 0.1 NORMAL;VARIABLE	EA	10	
32	CHEMICAL:NITRIC ACID 65%;LIQD;2.5 L;AR	EA	30	
33	CHEMICAL:POTASSIUM CHLORIDE;POWDER;500 G	EA	10	
34	CHEMICAL:POTASSIUM DICHROMATE;SOLID;500	EA	2	
35	CHEMICAL:POTASSIUM HYDROGEN PHTHALATE;AR	EA	5	
36	CHEMICAL:POTASSIUM PERMANGANATE;SOLID;AR	EA	3	
37	CHEMICAL:POTASSIUM STD SOLUTION;LIQD;500	EA	10	
38	CHEMICAL:SILICA STANDARD SOLUTION;LIQD	EA	40	
39	CHEMICAL:SODIUM 1000 PPM;LIQD;500 ML;AR	EA	40	
40	CHEMICAL:SODIUM STANDARD AMPOULE;LIQD	EA	10	
41	CHEMICAL:SODIUM SULPHATE;SOLID;500 G;AR	EA	10	
42	CHEMICAL:SULPHATE SOLUTION;LIQD;500 ML,1000 PPM STANDARD	EA	6	
43	CHEMICAL:SULPHURIC ACID;REFINED LIQUID	EA	10	
44	CHEMICAL:TARTARIC ACID;500 G	EA	6	
45	CHEMICAL:TOLUENE;CLEAR SOLUTION;2.5 L	EA	100	
46	CHEMICAL:TRISODIUM PHOSPHATE;POWDER;25KG SALT	EA	40	
47	CHEMICAL:TWEEN 20;LIQD;500 ML;9005-64-5	EA	5	
48	CHEMICAL:WATER;REFINED LIQUIDE;AMPOULE	EA	40	
49	CHEMICAL:ZINC 1000 PPM;LIQD;500 ML;AR	EA	8	
50	CHEMICAL:ZINC STANDARD AMPOULE;LIQD;1000 PPM	EA	8	
51	FLASK VOLUMETRIC FLASK : GRADE A;100 ML VOLUME-glass	EA	100	
52	FLASK VOLUMETRIC FLASK:GRADE A;1000 ML-glass	EA	200	
53	FLASK VOLUMETRIC FLASK:GRADE A;5000 ML-glass	EA	30	
54	FLASK VOLUMETRIC FLASK:CONICAL FLASK;250 ML;PLASTIC	EA	100	

55	PIPETTE:A;2 ML;GLASS	EA	10		
56	PIPETTE:A;25 ML;GLASS	EA	10		
57	PIPETTE:DISCOVERY PRO-SINGLE;1 ML-PIPETTE: TYPE: DISCOVERY PRO-SINGLE; CAPACITY: 1 ML; MATERIAL: PLASTIC	EA	6		
58	SOAP:LIQD;5 L-SOAP: TYPE: EXTRAN PHOSPHATE FREE LABORATORY GLASSWARE SOAP; PHYSICAL FORM: LIQUID; SIZE: 5 L	EA	20		
59	SOLUTION:STANDARD;1413 US/CM-SOLUTION: CONCENTRATION: 1413 US/CM; CONTAINER: PLASTIC BOTTLE 500ML; KCL – 0,01 M @25 DEGREE CELCIUS	EA	60		
60	STANDARD ANLYTCL TST:CALCIUM;500 ML-STANDARD, ANALYTICAL TEST: MATERIAL: CALCIUM; WEIGHT: 500 ML; CONCENTRATION: TRACECERT, 1000 MG/L NA IN NITRIC ACID;	EA	6		
61	STANDARD ANLYTCL TST;IRON;500 ML-STANDARD, IRON; WEIGHT: 500 ML; STANDARD 1000MG/KG;	EA	6		
62	STANDARD ANLYTCL TST:SODIUM STD;500 ML-SODIUM STD; WEIGHT: 500 ML; 1000 PPM	EA	5		
63	CHEMICAL:SODIUM HYDROGEN CARBONATE;500 G-CHEMICAL; FORM: POWDER; CONTAINER CAPACITY: 500 G; CONTAINER: BOTTLE PLASTIC; COLOR: WHITE; GRADE: AR; SPECIFICATION: ISO 9001	EA	5		
64	CHEMICAL:NITRIC ACID 0.1 NORMAL;VARIABLE-NITRIC ACID 0.1 NORMAL; FORM: REFINED LIQUID; CONTAINER CAPACITY: VARIABLE; CONTAINER: AMPOULE; TRADE NAME: NITRIC ACID	EA	10		
65	CHEMICAL:MAGNESIUM STANDARD AMPOULE;LIQD	EA	10		
66	CHEMICAL:SODIUM BICARBONATE;SOLID;500 G	EA	6		
67	PIPETTE:50ML BULB PIPETTE CLASS A;50 ML	EA	10		
68	PIPETTE:100ML BULB PIPETTE CLASS A;100	EA	10		
69	BULB:PIPETTE 3ML;15 CM;PLASTIC	EA	5		
70	PIPETTE:A;5 ML;GLASS	EA	20		
71	CHEMICAL:PHOSPHATE TEST KIT;POWDER;BOX-PHOSPHATE TEST KIT; FORM: POWDER; CONTAINER CAPACITY: 420 TESTS; CONTAINER: BOX; TRADE NAME: PHOSPHATE TEST; COMPOSITION: SULPHURIC AND ASCORBIC ACID; COLOR: WHITE	EA	40		
72	CHEMICAL:AMMONIA SOLUTION ANALAR;2.5 L	EA	300		
73	CHEMICAL:CHLOROFORM;REFINED LIQUID;2.5 L	EA	30		
75	CHEMICAL:HYDRANAL COULOMAT A FOR KaF;LIQD	EA	30		
76	FILTER:CELLULOSE NITRATE GRIDDED;47 MM-FILTER: TYPE: CELLULOSE NITRATE GRIDDED; DIMENSIONS: 47 MM; MATERIAL: PAPER; MICRON: 0.45; MEDIUM: FLITTER PAPER; YES STERILE, 300 PACK	EA	40		
77	KIT ANLYZG:PRE-PACKED REAGENT;AR-KIT, ANALYZING: TYPE: PRE-PACKED REAGENT; COMPRISING: HACH SILICA REAGENT; APPLICATION: HACH DR6000 1-100 MG/L; STANDARD: AR	EA	100		
78	KIT ANLYZG:SAMPLE CELL;ISO 9001- SAMPLE CELL; COMPRISING: POLYSTYRENE 25ML CELL WITH CAPS; APPLICATION: DETERMINATION OF SILICA; STANDARD: ISO 9001; CAT. 2410212, PK/12	EA	50		
79	KIT ANLYZG:HACH FERROVER, IRON REAGENT-HACH FERROVER, IRON REAGENT; COMPRISING: 100 SACHETS; APPLICATION: DETERMINATION OF IRON; SPECIFICATION: SAMPLE 10 ML; STANDARD: ISO 9001; PK/100 FOR DETERMINATION OF IRON - 2105769	EA	100		
80	STANDARD ANLYTCL TST:NITRATE AMPOULE-NITRATE AMPOULE; WEIGHT: 1000 ML	EA	10		
81	STANDARD ANLYTCL TST:1000 ML-COPPER 1000 PPM AMPOULE; WEIGHT: 1000 ML; ANALYSIS CERTIFICATES REQUIRED	EA	5		
82	STANDARD ANLYTCL TST:1000 ML-IRON 1000PPM AMPOULE; WEIGHT: 1000 ML	EA	5		
83	STANDARD ANLYTCL TST:1000 ML-NITRITE AMPOULE 1000PPM; WEIGHT: 1000 ML	EA	5		
84	STANDARD ANLYTCL TST:1000 ML-MAGNESSIUM 1000PPM SOLUTION; WEIGHT: 1000 ML	EA	5		
85	STANDARD ANLYTCL TST:1000 ML-MAGNESSIUM AMPOULE 1000PPM; WEIGHT: 1000 ML	EA	5		

86	STANDARD ANALYTCL TST:1000 ML-SILICA AMPOULE 1000PPM; WEIGHT: 1000 ML	EA	5		
87	STANDARD ANALYTCL TST:500 ML-NITRITE SOLUTION 1000PPM; WEIGHT: 500 M	EA	5		
88	STANDARD ANALYTCL TST:500 ML-PHOSPHATE SOLUTION 1000PPM; WEIGHT: 500 ML	EA	5		
89	STANDARD ANALYTCL TST:500 ML-CHLORIDE 1000PPM SOLUTION; WEIGHT: 500 ML; ANALYSIS CERTIFICATED TO BE ATTTACHED	EA	5		
90	STANDARD ANALYTCL TST:1000 ML-PHOSPHATE AMPOULE 1000PPM; WEIGHT: 1000 ML	EA	5		
91	STANDARD ANALYTCL TST:1000 ML-FLORIDE SOLUTION 1000 PPM; WEIGHT: 1000 ML	EA	5		
92	STANDARD ANALYTCL TST:1000ml-SULPHATE AMPOULE 1000PPM; WEIGHT: 1000ml	EA	5		
93	CONTAINER CAPACITY: 100 ML; CONTAINER: PLASTIC; OEM P/N: DX057590; COMBINED SEVEN ANION STANDARD II	EA	8		
94	CHEMICAL:ALUMINIUM STANDARD AMPOULE;1L	EA	5		
95	CHEMICAL:ALUMINUM 1000 PPM;LIQD;250 ML	EA	5		
96	CHEMICAL:POTASSIUM STANDARD AMPOULE;LIQD	EA	5		
97	CHEMICAL:NITRIC ACID 65% SUPRAPUR;LIQD;1	EA	10		
GRAND TOTAL - TRANSFERRED TO FINAL SUMMARY					R

