



## NEC3 Supply Contract (SC3)

**Between ESKOM HOLDINGS SOC Ltd  
(Reg No. 2002/015527/30)**

**and**

**for Supply and delivery of Various Chemicals as and  
when required basis for a five-year period for Stock  
Replenishment at Lethabo Power Station**

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**CONTRACT No.**

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## **PART C1:      AGREEMENTS & CONTRACT DATA**

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## C1.1 Form of Offer & Acceptance

### Offer

The Purchaser, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of:

### Supply and delivery of Various Chemicals as and when required basis for a five-year period for Stock Replenishment at Lethabo Power Station

The tenderer, identified in the Offer signature block, has

<i>either</i>	examined the documents listed in the Tender Data and addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender.
<i>or</i>	examined the draft contract as listed in the Acceptance section and agreed to provide this Offer.

By the representative of the tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the tenderer offers to perform all of the obligations and liabilities of the *Supplier* under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the *conditions of contract* identified in the Contract Data.

	The offered total of the Prices exclusive of VAT is	
	Value Added Tax @ 15% is	
	The offered total of the amount due inclusive of VAT is <sup>1</sup>	
	(in words)	

This Offer may be accepted by the Purchaser by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the *Supplier* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s)

Capacity

**For the  
tenderer:**

(Insert name and address of organisation)

Name &  
signature of  
witness

Date

<sup>1</sup> This total is required by the *Purchaser* for budgeting purposes only. Actual amounts due will be assessed in terms of the *conditions of contract*.

## Acceptance

By signing this part of this Form of Offer and Acceptance, the Purchaser identified below accepts the tenderer's Offer. In consideration thereof, the Purchaser shall pay the Supplier the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the Purchaser and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work: Goods Information including Supply Requirements

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Purchaser during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Purchaser's agent (whose details are given in the Contract Data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the *conditions of contract* identified in the Contract Data at, or just after, the date this agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed and signed original copy of this document, including the Schedule of Deviations (if any).

Signature(s)

Name(s)

Capacity

**for the  
Purchaser**

**Eskom Holdings SOC Ltd, Megawatt Park, Maxwell Drive, Sandton, Johannesburg,  
2199**

*(Insert name and address of organisation)*

Name &  
signature of  
witness

Date

Note: If a tenderer wishes to submit alternative tenders, use another copy of this Form of Offer and Acceptance.

**Schedule of Deviations to be completed by the *Purchaser* prior to contract award**

Note:

1. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
2. The extent of deviations from the tender documents issued by the Purchaser prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
3. A tenderer's covering letter must not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid be the subject of agreement reached during the process of Offer and Acceptance, the outcome of such agreement shall be recorded here and the final draft of the contract documents shall be revised to incorporate the effect of it.

No.	Subject	Details
1	N/A	N/A

By the duly authorised representatives signing this Schedule of Deviations below, the Purchaser and the tenderer agree to and accept this Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the Purchaser during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Form shall have any meaning or effect in the contract between the parties arising from this Agreement.

**For the tenderer:****For the Purchaser**

Signature

Name

Capacity

On behalf  
of*(Insert name and address of organisation)*
**Eskom Holdings SOC Ltd, Megawatt  
Park, Maxwell Drive, Sandton,  
Johannesburg, 2199**
Name &  
signature  
of witness

Date

## C1.2 SC3 Contract Data

### Part one - Data provided by the *Purchaser*

Completion of this data in full, according to the Options chosen, is essential to create a complete contract.

Clause	Statement	Data
1	<b>General</b>	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	
		<b>X1: Price adjustment for inflation</b>
		<b>X2: Changes in the law</b>
		<b>X7: Delay damages</b>
		<b>Z: Additional conditions of contract</b>
	of the NEC3 Supply Contract (April 2013) <sup>2</sup>	(If the December 2009 edition is to be used delete April 2013 and replace by December 2013)
10.1	The <i>Purchaser</i> is (name):	<b>Eskom Holdings SOC Ltd (reg no: 2002/015527/30), a state owned company incorporated in terms of the company laws of the Republic of South Africa</b>
	Address	<b>Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg</b>
	Tel No.	<b>[•]</b>
	Fax No.	<b>[•]</b>
10.1	The <i>Supply Manager</i> is (name):	
	Address	
	Tel	
	Fax	
	e-mail	
11.2(13)	The <i>goods</i> are	<b>Supply and delivery of Various Chemicals as and when required basis for a five-year period for Stock Replenishment at Lethabo Power Station as stated on C3.1 "Purchaser's Goods Information"</b>
11.2(14)	The following matters will be included in the Risk Register	<b>1. Delay on delivery date</b> <b>2. Community Unrest.</b> <b>3. Safe offloading by Eskom</b> <b>4. Improper storage and use of goods upon</b>

<sup>2</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, [www.ecs.co.za](http://www.ecs.co.za).

**delivery****5. Non-conformance to specification**

11.2(15)	The Goods Information is in	<b>Part 3: Scope of Work and all documents and drawings to which it makes reference.</b>
11.2(15)	The Supply Requirements as part of the Goods Information is in	<b>Annexure A to this Contract Data</b>
12.2	The <i>law of the contract</i> is the law of	<b>the Republic of South Africa</b>
13.1	The <i>language of this contract</i> is	<b>English</b>
13.3	The <i>period for reply</i> is	<b>2 working days</b>
2	<b>The <i>Supplier's</i> main responsibilities</b>	<b>Data required by this section of the core clauses is provided by the Supplier in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.</b>
3	<b>Time</b>	<b>The contract expiry shall be based on either the contract term of 5 (five) years and/or the total contract value, whichever occurs first will determine and give effect to the contract expiry, unless otherwise agreed</b>

30.1 The *starting date* is.

30.1	The <i>delivery date</i> of the <i>goods</i> is:	<b>goods</b>	<b>delivery date</b>
		Supply and delivery of Various Chemicals as and when required basis for a five-year period for Stock Replenishment at Lethabo Power Station	As per the Task Order
		Supplier to keep minimum stock (consignment stock). The minimum quantities will be as agreed by both parties	
30.2	The <i>Supplier</i> does not bring the <i>goods</i> to the Delivery Place more than 4 weeks before the Delivery Date.	<b>Unless agreed in writing by both parties</b>	
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	<b>1 week of the Contract Date.</b>	
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	<b>2 weeks.</b>	
4	<b>Testing and defects</b>		
42	The <i>defects date</i> is	<b>52 weeks from the date of delivery. In the event of a defect, the repaired goods</b>	

		shall be re-warranted for a period of 12 months from the date of repair or replacement. Repairs or replacement shall be the sole and exclusive remedy for defects
43.2	The <i>defect correction period</i> is	2 weeks – To address the defect at hand and to determine the corrective action and timelines that will be required
42.2	The <i>defects access period</i> is	5 days
5	<b>Payment</b>	
50.1	The <i>assessment interval</i> is	As per Task order
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	30 days after receipt of valid tax invoice (on contract number 1 and 2) 60 days after receipt of valid tax invoice (on contract number 3)
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 365-day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and  (ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption “Money Rates” in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted <i>mutatis mutandis</i> every 6 months thereafter and as certified, in the event of any dispute, by any manager employed in the foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.
6	<b>Compensation events</b>	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
7	<b>Title</b>	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
8	<b>Risks, liabilities, indemnities and</b>	



**insurance**

80.1	These are additional <i>Purchaser's</i> risks	<b>1. Delay on delivery date</b> <b>2. Community Unrest</b> <b>3. Safe offloading by Eskom</b> <b>4. Improper storage and use of goods upon delivery</b> <b>5. Non-conformance to specification</b>
88.1	The <i>Supplier's</i> liability to the <i>Purchaser</i> for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	<b>R0.0 (zero Rand)</b>
88.2	For any one event, the <i>Supplier's</i> liability to the <i>Purchaser</i> for loss of or damage to the <i>Purchaser's</i> property is limited to	<b>(1) for the <i>Purchaser's</i> existing and surrounding property in the care, custody and control of the <i>Supplier</i> the amount of the deductible (first amount payable) relevant to the event and</b>  <b>(2) for all other existing <i>Purchaser's</i> property the applicable deductible as at contract date</b>
88.3	The <i>Supplier's</i> liability for Defects due to his design which are not notified before the last <i>defects date</i> is limited to:	<b>N/A</b>
88.4	The <i>Supplier's</i> total liability to the <i>Purchaser</i> , for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	<b>N/A</b>
88.5	The <i>end of liability date</i> is	<b>5 years after Delivery of the whole of the goods. From start of the contract until the last date of the contract</b>  <b>Defects to which this definition applies are defects in design, workmanship, or material which a reasonable examination would not have disclosed before end of warranty period, having a significant effect on plant performance and which are due to or arise in consequence of any "wilful act or omission" of the Supplier responsible and which within said period are notified in writing stating the nature of the defects. The burden of proof of the aforesaid shall rest with the Purchaser</b>
<b>9</b>	<b>Termination and dispute resolution</b>	
94.1	The <i>Adjudicator</i> is	<b>the person selected from the ICE-SA Division</b>

(or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see [www.ice-sa.org.za](http://www.ice-sa.org.za)). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).

94.2(3)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a> )
94.4(2)	The <i>tribunal</i> is:	arbitration
94.4(5)	The <i>arbitration procedure</i> is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
94.4(5)	The place where arbitration is to be held is	South Africa
	The person or organisation who will choose an arbitrator	
	- if the Parties cannot agree a choice or	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.
	- if the arbitration procedure does not state who selects an arbitrator, is	

## 10 Data for Option clauses

X1	Price adjustment for inflation	Contract prices will be fixed and firm for the first year, thereafter subject to CPA escalation.
X1.1	The <i>base date</i> for indices is	TBA
	The proportions used to calculate the Price Adjustment Factor are:	
X2	Changes in the law	is a compensation event if it occurs after the Contract Date
X2.1	A change in the law of	The Republic of South Africa is a compensation event if it occurs after the Contract Date
X7	Delay damages	Delay damages of 2% per day up to a maximum of 15 % of the order value for late deliveries will apply.
Z	The <i>additional conditions of contract</i> are	Z1 to Z15 always apply for Eskom

## Z1 Cession delegation and assignment

Z1.1 The *Supplier* does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the *Purchaser*.

- Z1.2 Notwithstanding the above, the *Purchaser* may on written notice to the *Supplier* cede and delegate its rights and obligations under this contract to any of its subsidiaries or any of its present divisions or operations which may be converted into separate legal entities as a result of the restructuring of the Electricity Supply Industry.

## **Z2 Joint ventures**

- Z2.1 If the *Supplier* constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations then these persons or organisations are deemed to be jointly and severally liable to the *Purchaser* for the performance of this contract.
- Z2.2 Unless already notified to the *Purchaser*, the persons or organisations notify the *Supply Manager* within two weeks of the Contract Date of the key person who has the authority to bind the *Supplier* on their behalf.
- Z2.3 The *Supplier* does not alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the *Purchaser* having been given to the *Supplier* in writing.

## **Z3 Change of Broad Based Black Economic Empowerment (B-BBEE) status**

- Z3.1 Where a change in the *Supplier's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Supplier's* B-BBEE status, the *Supplier* notifies the *Purchaser* within seven days of the change.
- Z3.2 The *Supplier* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Supply Manager* within thirty days of the notification or as otherwise instructed by the *Supply Manager*.
- Z3.3 Where, as a result, the *Supplier's* B-BBEE status has decreased since the Contract Date the *Purchaser* may either re-negotiate this contract or alternatively, terminate the *Supplier's* obligation to Provide the Goods and Services.
- Z3.4 Failure by the *Supplier* to notify the *Purchaser* of a change in its B-BBEE status may constitute a reason for termination. If the *Purchaser* terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

## **Z4 Confidentiality**

- Z4.1 The *Supplier* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Supplier*, enters the public domain or to information which was already in the possession of the *Supplier* at the time of disclosure (evidenced by written records in existence at that time). Should the *Supplier* disclose information to Others in terms of clause 23.1, the *Supplier* ensures that the provisions of this clause are complied with by the recipient.
- Z4.2 If the *Supplier* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Supply Manager*.
- Z4.3 In the event that the *Supplier* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Supplier*, to the extent permitted by law prior to disclosure, notifies the *Purchaser* so that an appropriate protection order and/or any other action can be taken if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the *Supplier* may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.

Z4.4 The taking of images (whether photographs, video footage or otherwise) of the *goods* or any portion thereof, in the course of Providing the Goods and Services and after Delivery, requires the prior written consent of the *Supply Manager*. All rights in and to all such images vests exclusively in the *Purchaser*.

Z4.5 The *Supplier* ensures that all his subcontractors abide by the undertakings in this clause.

## **Z5 Waiver and estoppel: Add to core clause 12.3:**

Z5.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the *Supply Manager* or the *Adjudicator* does not constitute a waiver of rights, and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.

## **Z6 Health, safety and the environment: Add to core clause 25.4**

Z6.1 The *Supplier* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the provision of the *goods* and execution of the *services*.

Without limitation the *Supplier*:

- warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with all applicable health & safety laws and regulations and the health and safety rules, guidelines and procedures provided for in this contract and generally for the proper maintenance of health & safety in and about the execution of supply and
- undertakes, in and about the execution of the supply, to comply with all applicable health & safety laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Supplier's* direction and control, likewise observe and comply with the foregoing.

Z6.2 The *Supplier*, in and about the execution of the supply, complies with all applicable environmental laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Supplier's* direction and control, likewise observe and comply with the foregoing.

### **Risks that were identified during the contract strategy phase**

<b>RISK</b>	<b>MITIGATING FACTORS</b>	<b>LEVEL (HIGH/MEDIUM/LOW)</b>
<b>Delays:</b> Failure to complete the works as per agreed program.	Delay damages to be imposed on the delayed key date as per the contract data and in line with the approved schedule at 2% per day up to a maximum of 15% per task order. This also applies all defects notifications that will be issued during execution.	Medium
<b>Safety:</b> Non- compliance to all legal requirements.	Service Provider shall demonstrate compliance with the Eskom Safety Standards and Specifications, Occupational Health and Safety Act of 1993, Standard 32-136: Standard Contractor Health and Safety Requirements. Health and safety specifications: LBS0067PC-H.	High
<b>Quality:</b>		Medium

Quality requirements categorisation	Category 2 - Quality Requirements to be met	
Any National and/or International Standards that the company is subjected to and the key internal controls that the company put in place to satisfy set standards	<p>240-68099512 Form A: The tenderer must complete and sign this form to acknowledge and accept Eskom Supplier Quality Requirements as per QM 58 Specification and ISO 9001 Standard (category 2)</p> <p>240-12248652 List of Tender Returnables: comply with stipulated documented information for evaluation purposes (category 2)</p> <p>240-105658000 – Supplier Quality Management Specifications (QM 58)</p>	Medium
Quality Management Documents Requirements	<p>A fully detailed Quality Control Plan (QCP) for acceptance within three (3) weeks of the Contract Date, which details all the aspects of the quality management system to be applied. It includes the methods that will be utilized to ensure quality assurance, control and improvement of the identified activities as stated in the Scope of Works</p> <p>The service provider shall deliver the spares and components with the data book. The data book shall consist with the following documents:</p> <ul style="list-style-type: none"> <li>• Signed off manufacturing quality control plan.</li> <li>• Destructive and Non-Destructive testing reports.</li> <li>• Visual and dimensional report</li> <li>• Heat treatment charts, chemical certificate and Hardness report</li> <li>• The service provider to provide method statements and quality control plans.</li> <li>• Site Acceptance Test and System Integration tests to be conducted.</li> </ul>	Medium
Inspections	The service provider is required to conduct sufficient inspections and tests to satisfy that all requirements of the SOW met, and the results of inspections	Medium

	and tests are made available to the client.	
Preservation and transportation Requirements	The service provider is to ensure that all products are preserved in their appropriate manner as described in their specifications or in Eskom's Preservation, Shipping and Transportation procedures as applicable. The service provider ensures that all storage requirements for products are properly implemented to preserve the products against adverse conditions, deterioration, damage, etc. Storage and preservation procedures for the different products must be submitted to the client for review and acceptance. The client may request to inspect the stored products at any given point during the storage period of the product	Medium
Non-Conformance and Defects	NCR's and defects notifications are issued, the Service provider will acknowledge the receipt within 48 hours and proposes corrective and preventive actions to the client as per the contract response period. The corrective and preventive actions will include the implementation and completion dates.	Medium
<b>Environment:</b>  Incorrect waste disposal	Contractor to be familiarized with Lethabo waste management procedure.  Contractor to be familiarised with Environmental Statement of Commitment.  Contractor shall report all incidents or risks whilst on the job to the Eskom Project leader who will inform the environmental department	Low
<b>Safety:</b>  Non- compliance to all legal requirements.	Service Provider shall demonstrate compliance with the Eskom Safety Standards and Specifications, Occupational Health and Safety Act of 1993, Standard 32-136: Standard Contractor Health and Safety Requirements. Health and safety specifications: LBS0067PC-H.	High

**Z7 Provision of a Tax Invoice and interest. Add to core clause 51**

- Z7.1 Within one week of receiving a payment certificate from the *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice in accordance with the *Purchaser's* procedures stated in the Goods Information, showing the amount due for payment equal to that stated in the payment certificate.
- Z7.2 If the *Supplier* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Purchaser* is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice. Interest due by the *Purchaser* in

terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.

- Z7.3 The *Supplier* (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the *Purchaser's* VAT number 4740101508 on each invoice he submits for payment.

## **Z8        Notifying compensation events**

- Z8.1 Delete from the last sentence in core clause 61.3 the words, "unless the event arises from the *Supply Manager* giving an instruction, changing an earlier decision or correcting an assumption".

## **Z9        Purchaser's limitation of liability**

- Z9.1 The *Purchaser's* liability to the *Supplier* for the *Supplier's* indirect or consequential loss is limited to R0.00 (zero Rand)
- Z9.2 The *Supplier's* entitlement under the indemnity in 83.1 is provided for in 60.1(12) and the *Purchaser's* liability under the indemnity is limited.

## **Z10       Termination: Add to core clause 91.1, at the second main bullet point, fourth sub-bullet point, after the words "against it":**

- Z10.1     or had a business rescue order granted against it.

## **Z11       Addition to secondary Option X7 Delay damages (if applicable in this contract)**

- Z11.1 If the amount due for the *Supplier's* payment of delay damages reaches the limits stated in this Contract Data for Option X7, the *Purchaser* may terminate the *Supplier's* obligation to Provide the Goods and Services using the same procedures and payment on termination as those applied for reasons R1 to R15 or R18 stated in the Termination Table.

## **Z12       Ethics**

For the purposes of this Z-clause, the following definitions apply:

- Affected Party**     means, as the context requires, any party, irrespective of whether it is the *Supplier* or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all of these parties' relatives or friends,
- Coercive Action**     means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
- Collusive Action**     means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,
- Committing Party**     means, as the context requires, the *Supplier*, or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
- Corrupt Action**     means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,

**Fraudulent Action** means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,

**Obstructive Action** means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an investigation into allegations of Prohibited Action, and

**Prohibited Action** means any one or more of a Coercive Action, Collusive Action Corrupt Action, Fraudulent Action or Obstructive Action.

- Z12.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.
- Z12.2 The *Purchaser* may terminate the *Supplier's* obligation to Provide the Services if a Committing Party has taken such Prohibited Action and the *Supplier* did not take timely and appropriate action to prevent or remedy the situation, without limiting any other rights or remedies the *Purchaser* has. It is not required that the Committing Party had to have been found guilty, in court or in any other similar process, of such Prohibited Action before the *Purchaser* can terminate the *Supplier's* obligation to Provide the Services for this reason.
- Z12.3 If the *Purchaser* terminates the *Supplier's* obligation to Provide the Services for this reason, the amounts due on termination are those intended in core clauses 92.1 and 92.2.
- Z12.4 A Committing Party co-operates fully with any investigation pursuant to alleged Prohibited Action. Where the *Purchaser* does not have a contractual bond with the Committing Party, the *Supplier* ensures that the Committing Party co-operates fully with an investigation.

### Z13 Insurance

#### Z 13.1 Replace core clause 84 with the following:

- Insurance cover 84**
- 84.1** When requested by a Party, the other Party provides certificates from his insurer or broker stating that the insurances required by this contract are in force.
- 84.2** The *Supplier* provides the insurances stated in the Insurance Table A for events which are at the *Supplier's* risk from the *starting date* until the last *defects date* or a termination certificate has been issued.



**INSURANCE TABLE A**

<b>Insurance against</b>	<b>Minimum amount of cover or minimum limit of indemnity</b>
Loss of or damage to the goods, plant and materials	The replacement cost where not covered by the <i>Purchaser's</i> insurance.  The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance.
Liability for loss of or damage to property (except the goods, plant and materials and equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Supplier</i> ) caused by activity in connection with this contract	<b><u>Loss of or damage to property</u></b> <b><u>Purchaser's property</u></b> The replacement cost where not covered by the <i>Purchaser's</i> insurance.  The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance.  <b><u>Other property</u></b> The replacement cost  <b><u>Death of or bodily injury</u></b> The amount required by the applicable law.
Liability for death of or bodily injury to employees of the <i>Supplier</i> arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law

**Z 13.2 Replace core clause 87 with the following:****Insurance by  
the *Purchaser***

87

87.1 The *Purchaser* provides the insurances stated in the Insurance Table B**INSURANCE TABLE B**

<b>Insurance against or name of policy</b>	<b>Minimum amount of cover or minimum of indemnity</b>
Assets All Risk	Per the insurance policy document
Contract Works insurance	Per the insurance policy document
Environmental Liability	Per the insurance policy document
General and Public Liability	Per the insurance policy document
Transportation (Marine)	Per the insurance policy document
Motor Fleet and Mobile Plant	Per the insurance policy document
Terrorism	Per the insurance policy document
Cyber Liability	Per the insurance policy document
Nuclear Material Damage and Business Interruption	Per the insurance policy document

Nuclear Material Damage Terrorism	Per the insurance policy document
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**Z14 Nuclear Liability**

- Z14.1 The *Purchaser* is the operator of the Koeberg Nuclear Power Station (KNPS), a nuclear installation, as designated by the National Nuclear Regulator of the Republic of South Africa, and is the holder of a nuclear licence in respect of the KNPS.
- Z14.2 The *Purchaser* is solely responsible for and indemnifies the *Supplier* or any other person against any and all liabilities which the *Supplier* or any person may incur arising out of or resulting from nuclear damage, as defined in Act 47 of 1999, save to the extent that any liabilities are incurred due to the unlawful intent of the *Supplier* or any other person or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.
- Z14.3 Subject to clause Z14.4 below, the *Purchaser* waives all rights of recourse, arising from the aforesaid, save to the extent that any claims arise or liability is incurred due or attributable to the unlawful intent of the *Supplier* or any other person, or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.
- Z14.4 The *Purchaser* does not waive its rights provided for in section 30 (7) of Act 47 of 1999, or any replacement section dealing with the same subject matter.
- Z14.5 The protection afforded by the provisions hereof shall be in effect until the KNPS is decommissioned.

**Z15 Asbestos**

For the purposes of this Z-clause, the following definitions apply:

<b>AAIA</b>	means approved asbestos inspection authority.
<b>ACM</b>	means asbestos containing materials.
<b>AL</b>	means action level, i.e. a level of 50% of the OEL, i.e. 0.1 regulated asbestos fibres per ml of air measured over a 4 hour period. The value at which proactive actions is required in order to control asbestos exposure to prevent exceeding the OEL.
<b>Ambient Air</b>	means breathable air in area of work with specific reference to breathing zone, which is defined to be a virtual area within a radius of approximately 30cm from the nose inlet.
<b>Compliance Monitoring</b>	means compliance sampling used to assess whether or not the personal exposure of workers to regulated asbestos fibres is in compliance with the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
<b>OEL</b>	means occupational exposure limit.
<b>Parallel Measurements</b>	means measurements performed in parallel, yet separately, to existing measurements to verify validity of results.

<b>Safe Levels</b>	means airborne asbestos exposure levels conforming to the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
<b>Standard</b>	means the <i>Purchaser's</i> Asbestos Standard 32-303: Requirements for Safe Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos Containing Material, Equipment and Articles.
<b>SANAS</b>	means the South African National Accreditation System.
<b>TWA</b>	means the average exposure, within a given workplace, to airborne asbestos fibres, normalised to the baseline of a 4 hour continuous period, also applicable to short term exposures, i.e. 10-minute TWA.

- Z15.1 The *Purchaser* ensures that the Ambient Air in the area where the *Supplier* will Provide the Services conforms to the acceptable prescribed South African standard for asbestos, as per the regulations published in GNR 155 of 10 February 2002, under the Occupational Health and Safety Act, 1993 (Act 85 of 1993) ("Asbestos Regulations"). The OEL for asbestos is 0.2 regulated asbestos fibres per millilitre of air as a 4-hour TWA, averaged over any continuous period of four hours, and the short term exposure limit of 0.6 regulated asbestos fibres per millilitre of air as a 10-minute TWA, averaged over any 10 minutes, measured in accordance with HSG248 and monitored according to HSG173 and OESSM.
- Z15.2 Upon written request by the *Supplier*, the *Purchaser* certifies that these conditions prevail. All measurements and reporting are affected by an independent, competent, and certified occupational hygiene inspection body, i.e. a SANAS accredited and Department of Employment and Labour approved AAIA. The *Supplier* may perform Parallel Measurements and related control measures at the *Supplier's* expense. For the purposes of compliance, the results generated from Parallel Measurements are evaluated only against South African statutory limits as detailed in clause Z15.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.
- Z15.3 The *Purchaser* manages asbestos and ACM according to the Standard.
- Z15.4 In the event that any asbestos is identified while Providing the Services, a risk assessment is conducted and if so required, with reference to possible exposure to an airborne concentration of above the AL for asbestos, immediate control measures are implemented, and relevant air monitoring conducted in order to declare the area safe.
- Z15.5 The *Supplier's* personnel are entitled to stop working and leave the contaminated area forthwith until such time that the area of concern is declared safe by either Compliance Monitoring or an AAIA approved control measure intervention, for example, per the emergency asbestos work plan, if applicable.
- Z15.6 The *Supplier* continues to Provide the Services, without additional control measures presented, on presentation of Safe Levels. The contractually agreed dates to Provide the Services, including the Completion Date, are adjusted accordingly. The contractually agreed dates are extended by the notification periods required by regulations 3 and 21 of the Asbestos Regulations.
- Z15.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Purchaser* at the *Purchaser's* expense, and conducted in line with South African legislation.

## SDL&I undertakings

***Note: The undertakings shall be sourced from previously disadvantaged Communities around Sedibeng and Fezile Dabi District Municipalities.***

**Enterprise Development (ED)**

The main contractor will be required to propose development in the following above mentioned district Municipalities:

Support Description	Tenderer Proposal

In addition, they will be expected to draft an ED proposal within eight weeks of contract award stage. ED agreement must be signed with the beneficiary and sent to Eskom for review and acceptance. Progress will be monitored throughout the duration of the contract. A detailed ED plan that shows impact to the beneficiary should be submitted to the employer for approval prior to contract award. The ED implementation plan should include the following:

- ☐ Clear objective.
- ☐ Priority interventions
- ☐ Key performance indicators; and
- ☐ A concise implementation plan with clearly articulated milestones

**Job creation**

N/A

**Skills development**

N/A

## Annexure A: Supply Requirements

*[Notes: The example given in the NEC3 Supply Contract Guidance Notes pages 15 to 20 inclusive is based on Incoterms 2000. However users will probably wish to use Incoterms 2010 which the details below are based on. Users may need to adjust the information to comply with actual requirements. First decide whether Incoterms will be used or not, then delete the arrangement below which does not apply and delete these notes]*

### The Supply Requirements for this contract are based on the use of INCOTERMS:

The *Supplier* supplies the *goods* in accordance with INCOTERMS 2010<sup>3</sup> as follows:

Group	Category	Term	Delivery Place
E	departure	EXW	
F	main carriage unpaid	FCA, FAS, FOB	
C	main carriage paid	CFR, CIF, CPT, CIP	
D	arrival	DAT, DAP, DDP	

The Parties obligations described in Incoterms for the category and term selected are now incorporated into this contract as part of the Supply Requirements and hence the Goods Information.

The obligations of seller and buyer for the selected Incoterm determine each Party's costs, risks and insurance requirements incidental to the supply and transport of the *goods* from *Supplier* to *Purchaser*.

For each of the thirteen terms, Incoterms set out obligations of the seller (the *Supplier*) in ten paragraphs identified as A1 to A10 and the corresponding obligations of the buyer (the *Purchaser*) in paragraphs B1 to B10. These obligations cover the following subjects:

A	The <i>Supplier's</i> obligations	B	The <i>Purchaser's</i> obligations
A1	Provision of goods in conformity with contract	B1	Payment of the price
A2	Licences, authorisations and formalities	B2	Licences, authorisations and formalities
A3	Contracts of carriage and insurance	B3	Contracts of carriage and insurance
A4	Delivery	B4	Taking delivery
A5	Transfer of risks	B5	Transfer of risks
A6	Division of costs	B6	Division of costs
A7	Notice to the buyer	B7	Notice to the seller
A8	Proof of delivery, transport document or equivalent electronic message	B8	Proof of delivery, transport document or equivalent electronic message
A9	Checking - packing - marking	B9	Inspection of goods
A10	Other obligations	B10	Other obligations

*[Should there be a need to amplify any of the published obligations listed above for the chosen INCOTERM, add them here.]*

All other information NOT pertinent to the above is given in the balance of the Goods Information

<sup>3</sup> International Chamber of Commerce, Incoterms 2010, Paris, January 2011

The Supply Requirements for this contract are as follows:

[Use these when INCOTERMS do not apply].

<b>1. The requirements for the supply are</b>	None	
<b>2. The requirements for transport are</b>	It is the suppliers responsibility to ensure that the goods are delivered without defects	
<b>3. The delivery place is</b>	Lethabo Power Station Main Stores (Receiving)	
<b>4. Actions of the Parties during supply</b>	<b>Action</b>	<b>Party which does it</b>
	Giving notice of Delivery	Supplier
	Checking packing and marking before dispatch	Supplier
	Contracting for transport	Supplier
	Pay costs of transport	Supplier
	Arrange access to delivery place	Purchaser
	Loading the <i>goods</i>	Supplier
	Unloading the <i>goods</i>	Purchaser
<b>For international procurement</b>	Undertake export requirements	Supplier
	Undertake import requirements	Supplier
<b>5. Information to be provided by the Supplier</b>	<b>Title of document</b>	
	Packing lists for cases and their contents	
	Copy of invoice for the <i>goods</i>	
	Delivery Note	
	Test results and maintenance manuals	
<b>For international procurement</b>	Licences, authorisations and other formalities associated with export of the <i>goods</i>	
	Air Waybill or Bill of Lading with associated landing, delivery and forwarding order	
	The Bill of Entry endorsed by the importation authority	
	Customs work sheets, showing tax, duties and surcharges which the law of the country into which the <i>goods</i> are being imported requires the importer to pay	
	Invoice from the importation clearing agent showing airline fees, landing charges, wharfage and dock dues as applicable	
	Specify other import documents required by authorised officials.	

All other information NOT pertinent to the above is given in the balance of the Goods Information

## C1.2 Contract Data

### Part two - Data provided by the *Supplier*

Completion of the data in full, according to Options chosen, is essential to create a complete contract.

Clause	Statement	Data				
10.1	The <i>Supplier</i> is (Name):  Address  Tel No.  Fax No.					
11.2(8)	The Goods Information for the <i>Supplier's</i> design is in:					
11.2(11)	The tendered total of the Prices is					
11.2(12)	The <i>price schedule</i> is in:					
11.2(14)	The following matters will be included in the Risk Register					
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are					
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<table><thead><tr><th><i>goods</i></th><th><i>delivery date</i></th></tr></thead><tbody><tr><td>1</td><td></td></tr></tbody></table>	<i>goods</i>	<i>delivery date</i>	1	
<i>goods</i>	<i>delivery date</i>					
1						
31.1	The programme identified in the Contract Data is contained in:					
63.2	The <i>percentage for overheads and profit</i> added to the Defined Cost is	%				

## C1.3 Forms of Securities

### Pro formas for Bonds & Guarantees

For use with the NEC3 Supply Contract (SC3)

**[Note to contract compiler:**

**Once it has been decided which securities are required for this contract delete from this file the ones not required, revise the notes below accordingly and delete this note.]**

The *conditions of contract* stated in the Contract Data Part 1 may include the following Options:

- Option X4: Parent company guarantee
- Option X13: Performance bond
- Option X14: Advanced payment to the *Supplier*

These Options require a bond or guarantee “in the form set out in the Goods Information”.

Pro forma documents for these bonds and guarantees are provided here for convenience but are to be treated as part of the Goods Information.

The organisation providing the bond / guarantee does so by copying the pro forma document onto its letterhead without any change to the text or format and completing the required details. The completed document is then given to the *Purchaser* within the time stated in the contract.



PART 2: PRICING DATA

NEC3 Supply Contract

Document reference	Title	No of pages
C2.1	Pricing assumptions	2
C2.2	The <i>price schedule</i>	[•]

## C2.1 Pricing assumptions

### 1. How *goods* and *services* are priced and assessed for payment

Clause 11 in NEC3 Supply Contract, (SC3) core clauses states:

<b>Identified and defined terms</b>	11	
	11.2	(11) The Prices are the amounts stated in the price column of the Price Schedule. Where a quantity is stated for an item in the Price Schedule, the Price is calculated by multiplying the quantity by the rate.
		(12) The Price Schedule is the <i>price schedule</i> unless later changed in accordance with this contract.
<b>Assessing the amount due</b>	50.2	The amount due is
		<ul style="list-style-type: none"> <li>the Price for each lump sum item in the Price Schedule which the <i>Supplier</i> has completed,</li> <li>where a quantity is stated for an item in the Price Schedule, an amount calculated by multiplying the quantity which the <i>Supplier</i> has completed by the rate,</li> <li>plus other amounts to be paid to the <i>Supplier</i>,</li> <li>less amounts to be paid by or retained from the <i>Supplier</i>.</li> </ul>
		Any tax which the law requires the <i>Purchaser</i> to pay to the <i>Supplier</i> is included in the amount due.

This confirms that the Supply Contract is a priced contract where the Prices are derived from a list of items of *goods* and *services* which can be priced as lump sums or as expected quantities of *goods* and *services* multiplied by a rate, or a mix of both.

### 2. Function of the Price Schedule

Clause 53.1 states: "Information in the Price Schedule is not Goods Information". This confirms that instructions to do work or how it is to be done are not included in the Price Schedule but in the Goods Information. This is further confirmed by Clause 20.1 which states, "The *Supplier* Provides the Goods and Services in accordance with the Goods Information". Hence the *Supplier* does **not** Provide the Goods and Services in accordance with the Price Schedule. The Price Schedule is only a pricing document.

### 3. Preparing the *price schedule*

Items in the *price schedule* may have been inserted by the *Purchaser* and the tendering supplier should insert any additional items which he considers necessary. Whichever party provides the items in the *price schedule* the total of the Prices is assumed to be fully inclusive of everything necessary to Provide the Goods and Services as described at the time of entering into this contract.

It will be assumed that the tendering supplier has

- Read Pages 8, 11, 12 and Appendix 5 of the SC3 Guidance Notes before preparing the *price schedule*;
- Included in his Prices and rates for correction of Defects (core clause 43.1) as there is no compensation event for this unless the Defect is due to a *Supplier's* risk;

- Spread the cost of doing work he chooses not to list as separate items in the *price schedule* across other Prices and rates in order to fulfil the obligation to Provide the Goods and Services for the tendered total of the Prices;
- Understood that there is no adjustment to lump sum prices in the *price schedule* if the amount, or quantity, of work within that lump sum item later turns out to be different to that which the *Supplier* estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event per clause 60.1;
- Understood that the *Supplier* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event.

### 3.1. Format of the *price schedule*

Entries in the first four columns in the *price schedule* in section C2.2 are made either by the *Purchaser* or the tendering supplier.

If the *Supplier* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tendering supplier enters the amount in the Price column only, the Unit, Quantity and Rate columns being left blank.

If the *Supplier* is to be paid an amount for the item which is the rate for the item multiplied by the quantity completed, the tendering *Supplier* enters the rate which is then multiplied by the Quantity to produce the Price, which is also entered.

If the *Supplier* is to be paid an amount for an item proportional to the length of time for which the *goods* and *services* are provided, a unit of time is stated in the Unit column and the length of time (as a quantity of the stated units of time) is stated in the Quantity column.

## C2.2 the *price schedule*

### Contract number 1

Material Number	Description	Unit of Measure	Rate	Lead Time
0213777	CHEMICAL: TYPE: BIOCIDES; FORM: LIQUID; CONTAINER CAPACITY: 227 KG; CONTAINER: DRUM PLASTIC; SUPPL P/N: MBC2881; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0213778	CHEMICAL: TYPE: BIOCIDES; FORM: LIQUID; CONTAINER CAPACITY: 200 KG; CONTAINER: DRUM PLASTIC; SUPPL P/N: MBC781; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0213779	CHEMICAL: TYPE: ANTI SCALANT; FORM: LIQUID; CONTAINER CAPACITY: 234 KG; CONTAINER: DRUM PLASTIC; SUPPL P/N: MSI310; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0213780	CHEMICAL: TYPE: SODIUM METABISULPHITE; FORM: POWDER; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0213782	CHEMICAL: TYPE: CITRIC ACID; FORM: CRYSTAL; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH	KG		

	EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT			
0213783	CHEMICAL: TYPE: OXALIC ACID; FORM: POWDER; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0213784	CHEMICAL: TYPE: CAUSTIC SODA 45; FORM: LIQUID; CONTAINER CAPACITY: 300 KG; CONTAINER: DRUM PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0213785	CHEMICAL: TYPE: EDTA TETRASODIUM; FORM: POWDER; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0219781	CHEMICAL: TYPE: TOLYLTRIAZOLE; FORM: LIQUID; CONTAINER CAPACITY: 30 KG; CONTAINER: DRUM; TOLYLTRIAZOLE SODIUM SALT, MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0213781	CHEMICAL: TYPE: HYDROCHLORIC ACID 32; FORM: LIQUID; CONTAINER CAPACITY: 230 KG; CONTAINER: DRUM PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		

## Contract number 2

Material Number	Description	Unit of Measure	Rate	Lead Time
0713336	CHEMICAL: TYPE: TRI SODIUM PHOSPHATE; FORM: SOLID GRANULES; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG 25 KG; MATERIAL SAFETY DATA SHEET WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0713337	CHEMICAL: TYPE: AQUEOUS SOLUTION; FORM: LIQUID; CONTAINER CAPACITY: 25 L; CONTAINER: PLASTIC; TRADE NAME: HYDRAZINEAQUEOUS SOLUTION 37 PERCENT; MATERIAL SAFETY DATA SHEET WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0157439	CHEMICAL: TYPE: GREATER THAN OR EQUAL TO 99.5 PCT ANHYDROUS AMMONIA; FORM: LIQUID; CONTAINER CAPACITY: 8 T; CONTAINER: BULK TANKER; TRADE NAME: NH <sub>3</sub> ; GRADE: INDUSTRIAL; LIQUEFIED COMPRESSED GAS; WATER CONTENT MASS PERCENT 0.20 MAX; OIL CONTENT PPM(M/M) 10MAX; INERTS PPM (M/M) 2890 MAX; PURITY MASS PERCENT GREATER THAN OR EQUAL TO 99.5 SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0157468	CHEMICAL: TYPE: CHLORINE; FORM: LIQUID; CONTAINER CAPACITY: 900 KG; CONTAINER: CYL; IN ACCORDANCE WITH LATEST SPECIFICATION CKS/6/1966; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	EA		

0157489	CHEMICAL: TYPE: AMMONIA; FORM: LIQUID; CONTAINER CAPACITY: 25 L; CONTAINER: DRUM PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	EA		
0157336	CHEMICAL: TYPE: SODIUM CARBONATE; FORM: POWDER; BULK, MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0157310	CHEMICAL: TYPE: HYDROCHLORIC ACID 30-33; FORM: LIQUID; CONTAINER CAPACITY: 28 KG; CONTAINER: DRUM PLASTIC; IN CARBOY CONTAINERS, MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT, MSDS TO BE SUPPLIED AS PART OF THE TENDER, NO SUBSTANCES AND/OR INGREDIENTS THAT FALL UNDER THE TABLE 1 CATEGORY OF THE HAZARDOUS SUBSTANCES WILL BE USED, ANY FALLING UNDER TABLE 3 OF THE SAME REGULATIONS SHALL NOT BE USED WITHOUT THE PRIOR PERMISSION OF THE MEDICAL CENTRE AND SAFETY RISK, SHALL BE BIODEGRADABLE, AND OZONE FRIENDLY, A COPY OF THE MSDS SHALL BE SENT TO THE MEDICAL CENTRE AND SAFETY RISK	KG		
0157317	CHEMICAL: TYPE: CALCIUM HYPOCHLORITE 70; FORM: POWDER; CONTAINER CAPACITY: 25 KG; CONTAINER: DRUM; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG		
0157235	CHEMICAL: TYPE: LOW MAGNESIUM SALT; FORM: COARSE GRANULAR; CONTAINER CAPACITY: 50 KG; CONTAINER: BAG WOVEN PVC; COMPOSITION: ALKALINITY C03: 0.5/INSOLUBLE MATTER 0.1/MG 0.1/S04: 0.7 PCT MAX/NACL 98.5 PCT MIN; REFERENCE NO: NACL98-5, UNK; NUMBER 1, MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT	KG		

	TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT, TO BE SUPPLIED ON PALLETS, BAGS MUST BE CLEARLY MARKED			
0157238	CHEMICAL: TYPE: ACETONE; FORM: LIQUID; CONTAINER CAPACITY: 5 L; CONTAINER: CAN; GRADE: CP INDUSTRIAL; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	L		

**Contract number 3**

<b>Material Number</b>	<b>Description</b>	<b>Unit of Measure</b>	<b>Rate</b>	<b>Lead Time</b>
0157232	SOLUTION: TYPE: CAUSTIC SODA LYE; CONCENTRATION: 100 PCT; CONTAINER: BULK TANKER 10000 KG; SUPPL P/N: MBC; MEMBRANE CELL; STRENGTH SODIUM HYDROXIDE PCT M/M 47 MINIMUM; SPECIFIC GRAVITY AT 20 DEG C; 1.50 MAXIMUM; CHLORIDE PCT M/M 0.03 MAXIMUM; IRON PCT M/M 0.001 MAXIMUM; SULPHATE S04; PCT M/M 0.01 MAXIMUM; CORBONATE C03; PCT M/M 0.20 MAXIMUM; VERY LOW CHLORIDE CONTENT PREFERRED; TO BE FROM MERCURY HG; SABS0157 PART 2 OF 1987; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT; NO SUBSTANCES AND/OR INGREDIENTS THAT FALL UNDER TABLE 1 CATAGORY WILL BE USED; ANY CHEMICAL FALLING UNDER TABLE 3 OF THE SAME REGULATIONS SHALL NOT BE USED,SHALL BE BIODEGRADABLE AND OZONE FRIENDLY; COPY OF MSDS TO BE SENT TO MEDICAL CENTRE AND SAFETY RISK	KG		



0157121	CHEMICAL: TYPE: SULPHURIC ACID; FORM: LIQUID; CONTAINER CAPACITY: 40-50 T; CONTAINER: BULK TANKER ROAD; GRADE: INDUSTRIAL; SUPPL P/N: INDUSTRIALGRADE; 98% SELECT GRADE REQUIRED FROM UMBOGTWINI PLANT; STRENGTH 98/100PCT; (MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT; MSDS TO BE SUPPLIED AS PART OF THE TENDER; NO SUBSTANCES AND/OR INGREDIENTS THAT FALL UNDER THE TABLE 1 CATEGORY OF THE HAZARDOUS CHEMICAL SUBSTANCES WILL BE USED, ANY CHEMICAL FALLING UNDER TABLE 3 OF THE SAME REGULATIONS SHALL NOT BE USED WITHOUT THE PRIOR PERMISSION OF THE MEDICAL CENTRE AND SAFETY RISK; CHEMICAL SHALL BE BIODEGRADABLE AND OZONE FRIENDLY; A COPY OF THE MSDS FOR CHEMICALS SHALL BE SENT TO THE MEDICAL CENTRE AND SAFETY RISK	KG		
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ESKOM HOLDINGS SOC Ltd CONTRACT NUMBER \_\_\_\_\_  
SUPPLY AND DELIVERY OF VARIOUS CHEMICALS AS AND WHEN REQUIRED BASIS FOR A FIVE-YEAR PERIOD FOR STOCK  
REPLENISHMENT AT LETHABO POWER STATION

ESKOM HOLDINGS SOC Ltd CONTRACT NUMBER \_\_\_\_\_  
SUPPLY AND DELIVERY OF VARIOUS CHEMICALS AS AND WHEN REQUIRED BASIS FOR A FIVE-YEAR PERIOD FOR STOCK  
REPLENISHMENT AT LETHABO POWER STATION

## C3.1: *PURCHASER'S* GOODS INFORMATION

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## 1 Overview and purpose of the *goods and services*

Supply and delivery of Various Chemicals as and when required basis for a five-year period for Stock Replenishment at Lethabo Power Station

## 2 Specification and description of the *goods*

Supply and delivery of Various Chemicals as and when required basis for a five-year period for Stock Replenishment at Lethabo Power Station

Contract number 1		
Material Number	Description	Unit of Measure
0213777	CHEMICAL: TYPE: BIOCID; FORM: LIQUID; CONTAINER CAPACITY: 227 KG; CONTAINER: DRUM PLASTIC; SUPPL P/N: MBC2881; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0213778	CHEMICAL: TYPE: BIOCID; FORM: LIQUID; CONTAINER CAPACITY: 200 KG; CONTAINER: DRUM PLASTIC; SUPPL P/N: MBC781; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0213779	CHEMICAL: TYPE: ANTI SCALANT; FORM: LIQUID; CONTAINER CAPACITY: 234 KG; CONTAINER: DRUM PLASTIC; SUPPL P/N: MSI310; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0213780	CHEMICAL: TYPE: SODIUM METABISULPHITE; FORM: POWDER; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0213782	CHEMICAL: TYPE: CITRIC ACID; FORM: CRYSTAL; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0213783	CHEMICAL: TYPE: OXALIC ACID; FORM: POWDER; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0213784	CHEMICAL: TYPE: CAUSTIC SODA 45; FORM: LIQUID; CONTAINER CAPACITY: 300 KG; CONTAINER: DRUM PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG

0213785	CHEMICAL: TYPE: EDTA TETRASODIUM; FORM: POWDER; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0219781	CHEMICAL: TYPE: TOLYLTRIAZOLE; FORM: LIQUID; CONTAINER CAPACITY: 30 KG; CONTAINER: DRUM; TOLYLTRIAZOLE SODIUM SALT, MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0213781	CHEMICAL: TYPE: HYDROCHLORIC ACID 32; FORM: LIQUID; CONTAINER CAPACITY: 230 KG; CONTAINER: DRUM PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG

**Contract number 2**

Material Number	Description	Unit of Measure
0713336	CHEMICAL: TYPE: TRI SODIUM PHOSPHATE; FORM: SOLID GRANULES; CONTAINER CAPACITY: 25 KG; CONTAINER: BAG 25 KG; MATERIAL SAFETY DATA SHEET WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0713337	CHEMICAL: TYPE: AQUEOUS SOLUTION; FORM: LIQUID; CONTAINER CAPACITY: 25 L; CONTAINER: PLASTIC; TRADE NAME: HYDRAZINEAQUEOUS SOLUTION 37 PERCENT; MATERIAL SAFETY DATA SHEET WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0157439	CHEMICAL: TYPE: GREATER THAN OR EQUAL TO 99.5 PCT ANHYDROUS AMMONIA; FORM: LIQUID; CONTAINER CAPACITY: 8 T; CONTAINER: BULK TANKER; TRADE NAME: NH <sub>3</sub> ; GRADE: INDUSTRIAL; LIQUEFIED COMPRESSED GAS; WATER CONTENT MASS PERCENT 0.20 MAX; OIL CONTENT PPM(M/M) 10MAX; INERTS PPM (M/M) 2890 MAX; PURITY MASS PERCENT GREATER THAN OR EQUAL TO 99.5 SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0157468	CHEMICAL: TYPE: CHLORINE; FORM: LIQUID; CONTAINER CAPACITY: 900 KG; CONTAINER: CYL; IN ACCORDANCE WITH LATEST SPECIFICATION CKS/6/1966; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	EA
0157489	CHEMICAL: TYPE: AMMONIA; FORM: LIQUID; CONTAINER CAPACITY: 25 L; CONTAINER: DRUM PLASTIC; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	EA
0157336	CHEMICAL: TYPE: SODIUM CARBONATE; FORM: POWDER; BULK, MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG

0157310	CHEMICAL: TYPE: HYDROCHLORIC ACID 30-33; FORM: LIQUID; CONTAINER CAPACITY: 28 KG; CONTAINER: DRUM PLASTIC; IN CARBOY CONTAINERS, MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT, MSDS TO BE SUPPLIED AS PART OF THE TENDER, NO SUBSTANCES AND/OR INGREDIENTS THAT FALL UNDER THE TABLE 1 CATEGORY OF THE HAZARDOUS SUBSTANCES WILL BE USED, ANY FALLING UNDER TABLE 3 OF THE SAME REGULATIONS SHALL NOT BE USED WITHOUT THE PRIOR PERMISSION OF THE MEDICAL CENTRE AND SAFETY RISK, SHALL BE BIODEGRADABLE, AND OZONE FRIENDLY, A COPY OF THE MSDS SHALL BE SENT TO THE MEDICAL CENTRE AND SAFETY RISK	KG
0157317	CHEMICAL: TYPE: CALCIUM HYPOCHLORITE 70; FORM: POWDER; CONTAINER CAPACITY: 25 KG; CONTAINER: DRUM; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	KG
0157235	CHEMICAL: TYPE: LOW MAGNESIUM SALT; FORM: COARSE GRANULAR; CONTAINER CAPACITY: 50 KG; CONTAINER: BAG WOVEN PVC; COMPOSITION: ALKALINITY C03: 0.5/INSOLUBLE MATTER 0.1/MG 0.1/S04: 0.7 PCT MAX/NACL 98.5 PCT MIN; REFERENCE NO: NACL98-5, UNK; NUMBER 1, MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT, TO BE SUPPLIED ON PALLETS, BAGS MUST BE CLEARLY MARKED	KG
0157238	CHEMICAL: TYPE: ACETONE; FORM: LIQUID; CONTAINER CAPACITY: 5 L; CONTAINER: CAN; GRADE: CP INDUSTRIAL; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	L

**Contract number 3**

Material Number	Description	Unit of Measure
0157232	SOLUTION: TYPE: CAUSTIC SODA LYE; CONCENTRATION: 100 PCT; CONTAINER: BULK TANKER 10000 KG; SUPPL P/N: MBC; MEMBRANE CELL; STRENGTH SODIUM HYDROXIDE PCT M/M 47 MINIMUM; SPECIFIC GRAVITY AT 20 DEG C; 1.50 MAXIMUM; CHLORIDE PCT M/M 0.03 MAXIMUM; IRON PCT M/M 0.001 MAXIMUM; SULPHATE S04; PCT M/M 0.01 MAXIMUM; CORBONATE C03; PCT M/M 0.20 MAXIMUM; VERY LOW CHLORIDE CONTENT PREFERRED; TO BE FROM MERCURY HG; SABS0157 PART 2 OF 1987; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT; NO SUBSTANCES AND/OR INGREDIENTS THAT FALL UNDER TABLE 1 CATAGORY WILL BE USED; ANY CHEMICAL FALLING UNDER TABLE 3 OF THE SAME REGULATIONS SHALL NOT BE USED,SHALL BE BIODEGRADABLE AND OZONE FRIENDLY; COPY OF MSDS TO BE SENT TO MEDICAL CENTRE AND SAFETY RISK	KG

0157121	CHEMICAL: TYPE: SULPHURIC ACID; FORM: LIQUID; CONTAINER CAPACITY: 40-50 T; CONTAINER: BULK TANKER ROAD; GRADE: INDUSTRIAL; SUPPL P/N: INDUSTRIALGRADE; 98% SELECT GRADE REQUIRED FROM UMBOGTWINI PLANT; STRENGTH 98/100PCT; (MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT; MSDS TO BE SUPPLIED AS PART OF THE TENDER; NO SUBSTANCES AND/OR INGREDIENTS THAT FALL UNDER THE TABLE 1 CATEGORY OF THE HAZARDOUS CHEMICAL SUBSTANCES WILL BE USED, ANY CHEMICAL FALLING UNDER TABLE 3 OF THE SAME REGULATIONS SHALL NOT BE USED WITHOUT THE PRIOR PERMISSION OF THE MEDICAL CENTRE AND SAFETY RISK; CHEMICAL SHALL BE BIODEGRADABLE AND OZONE FRIENDLY; A COPY OF THE MSDS FOR CHEMICALS SHALL BE SENT TO THE MEDICAL CENTRE AND SAFETY RISK	KG
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## 1 Supply Requirements

The supplier shall be responsible to provide the following:

- Provide data sheets per item supplied

## 2 Specification of the goods to be provided

- Supply of the goods must be on time of required order date
- Transported by road on supplier's costs and transport
- End user to be informed when delivery will be done at least 2 days upfront
- No deliveries to be done on a Friday, Weekend or public holiday (Unless otherwise agreed upon)

## 3 Constraints on how the *Supplier* Provides the Goods

### 3.1 Programming constraints

- Supply of the goods must be on time of required order date

### 3.2 Work to be done by the Delivery Date

Ensure that the goods meet the specifications described in section 2.

### 3.3 Marking the *goods*

Goods to be clearly marked, labelled and packed according to the required specifications

### 3.4 Constraints at the delivery place and place of use

- End user will determine the offloading point at the time of delivery
- Offloading will be done by the supplier.

### 3.5 Management meetings

Regular meetings of a general nature may be convened and chaired by the *Supply Manager* as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Weekly on _____ at _____		
Overall contract progress and feedback	Monthly on _____ at _____		<i>Purchaser, Supplier, and _____</i>

Meetings of a specialist nature may be convened as specified elsewhere in this Goods Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the manufacture of the *goods*. Records of these meetings shall be submitted to the *Supply Manager* by the person convening the meeting within five days of the meeting.

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the *conditions of contract* to carry out such actions or instructions.

### 3.6 Documentation control

- Each instruction, test certificate, acceptance, notification, reply and other communication which this contract requires is to be communicated in a form which can be read, copied and recorded.
- Writing is in the Language of this contract.
- All reports to be discussed, compiled and handed over to Eskom
- All method statements to be discussed compiled and handed over to Eskom where applicable.
- All communications, Certificates, Method Statements must be printed and filed in the Purchaser's Data file

### 3.7 Health and safety risk management

The *Supplier* shall comply with the Occupational Health and Safety Act and relevant regulations, Eskom Contractor Health and Safety Requirements, Eskom Lifesaving rules, National Road Traffic Act and Eskom Vehicle Safety Specifications. The supplier shall submit its internal offloading safe-work procedures to the client prior contract awarding. It is also necessary for the supplier to be in Good Standing with COIDA

### 3.8 Environmental constraints and management

The *Supplier* shall comply with the environmental regulations as well as the following:

- Contractor to be familiarised with Environmental Statement of Commitment.
- Delivery schedule to be strictly followed to avoid unnecessary delays.
- Contractor shall report all incidents or risks whilst on site to the Eskom Project leader who will inform the environmental department.

### 3.9 Quality

To ensure compliance to Quality Management System requirements, the following requirements shall be adhered to:

- 240-68099512 Form A : The tenderer must complete and sign this form to acknowledge and accept Eskom Supplier Quality Requirements as per QM 58 Specification and ISO 9001 Standard



- Category 3 - Quality Assessment Criteria : Stipulated documented information to be provided for evaluation purposes
- QM 58\_240-105658000 – Supplier Quality Management Specifications
- Documented information that permits the Supplier to provide highest level of quality assurance to confidentially state that the method used on the product are accurate, documented and validated.
- Documented information which allows the Supplier to legally transport hazardous goods
- Documented information on determining the knowledge, skill and competency required for the achieved conformity of product/ service (Driver, handling of hazardous goods...)

### 3.10 Invoicing and payment

Within one week of receiving a payment certificate from the *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice showing the amount due for payment equal to that stated in the *Supply Manager's* certificate.

The *Supplier* shall address the tax invoice to *Purchaser* and include on each invoice the following information:

- Name and address of the *Supplier* and the *Supply Manager*;
- The contract number and title;
- *Supplier's* VAT registration number;
- The *Purchaser's* VAT registration number.
- Description of *goods* and *services* provided for each item invoiced based on the Price Schedule;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;

### 3.11 Provision of bonds and guarantees

The form in which a bond or guarantee required by the *conditions of contract* (if any) is to be provided by the *Supplier* is given in Part 1 Agreements and Contract Data, document C1.3, Sureties.

The *Purchaser* may withhold payment of amounts due to the *Supplier* until the bond or guarantee required in terms of this contract has been received and accepted by the person notified to the *Supplier* by the *Supply Manager* to receive and accept such bond or guarantee. Such withholding of payment due to the *Supplier* does not affect the *Purchaser's* right to termination stated in this contract.

### 3.12 Records of Defined Cost, payments & assessments of compensation events to be kept by the *Supplier*

Shall be provided to *Supply Manager* in hard copy or electronically.

## 4 Procurement

### 4.1 Subcontracting

## 5 List of drawings

### 5.1 Drawings issued by the *Purchaser*

Datasheet to be provided

## C3.2 SUPPLIER'S GOODS INFORMATION

This section of the Goods Information will always be contract specific depending on the nature of the goods and services.

It is most likely to be required for supply contracts where the tendering supplier will have proposed specifications and schedules for the goods and services, which once accepted by the Purchaser prior to award of contract now become obligations of the Supplier per core clause 20.1.

## C4 Site Information

### C4.1: Information about the *site* at time of tender which may affect the work in this contract:

#### 1. Site Procedures and Regulations

##### 1.1 Health and Safety Requirements

The *Contractor* and his sub-*Contractors* ensure at all times compliance with safety regulations imposed by any Act of Parliament, ordinance or any regulation or by-law of any local or statutory authority.

- The *Contractor* acts in accordance with the health and safety requirements stated in the Works Information.
- In carrying out its obligations to the *Employer* in terms of this contract; in providing the Works; in using Plant, Materials and Equipment; and while at the Site for any reason, the *Contractor* complies and procures and ensures the compliance by its employees, agents, Sub-*Contractors* and mandataries with:
- the provisions of the Occupational Health and Safety Act 85 of 1993 (as amended) and all regulations in force from time to time in terms of that Act ("the OHSA"); and the Eskom "Health, Safety and Environmental specifications for *Contractors*" document attached to the Works Information (as amended from time to time) and such other Eskom Safety Regulations as are applicable to the Works and are provided in writing to the *Contractor* (collectively "the Eskom Regulations"). The Eskom Regulations may be amended from time to time by the *Employer* and all amendments will be provided in writing to the *Contractor*. The *Contractor* complies with the provisions of the latest written version of the Eskom Regulations with which it has been provided; and the health and safety plan prepared by the *Contractor* in accordance with the SHEQ Requirements  
(The OHSA and the Eskom Regulations are collectively referred to as the "SHEQ Requirements".)
- The *Contractor*, at all times, considers itself to be the "*Employer*" for the purposes of the OHSA and shall not consider itself under the supervision or management of the *Employer* with regard to compliance with the SHEQ Requirements, the *Contractor* shall furthermore not consider itself to be a subordinate or under the supervision of the *Employer* in respect of these matters. The *Contractor* is at all times responsible for the supervision of its employees, agents, Sub-*Contractors* and mandataries and takes full responsibility and accountability for ensuring they are competent, aware of the SHEQ Requirements and execute the Works in accordance with the SHEQ Requirements
- The *Contractor* acknowledges that it is fully aware of the requirements of all the above and undertakes to employ only people who have been duly authorized in terms thereof and who have received sufficient training to ensure that they can comply therewith.
- The *Contractor* ensures that all statutory appointments and appointments required by any Eskom Regulations are made and that all appointees fully understand their responsibilities and are trained and competent to execute their duties. The *Contractor* supervises the execution of their duties by all such appointees.
- The *Contractor* shall appoint a person who will liaise with the Eskom Safety Officer responsible for the premises relevant to this contract. The person so appointed shall, on request: supply the Eskom

Safety Officer with copies of minutes of all Health And Safety Committee meetings, whenever he is required to do so; supply the Eskom Safety Officer with copies of all appointments in respect of employees employed on this contract, in terms of the Act and Regulations and shall advise the Eskom Safety Officer of any changes thereto.

The *Employer*, or any person appointed by the *Employer*, may, at any stage during the duration of this contract:

- conduct health and safety audits regarding all aspects of compliance with the SHEQ Requirements, at any off-site place of work, or the site establishment of the *Contractor*;
  - refuse any employee, Sub *Contractor* or agent of the *Contractor* access to the premises if such person has been found to commit an unsafe act or any unsafe working practice or is found not to be qualified or authorised in terms of the SHEQ Requirements;
  - issue the *Contractor* with a stop order should the *Employer* become aware of any unsafe working procedure or condition or any non-compliance with any provision of the SHEQ Requirements.
  - The *Contractor* immediately reports any disabling injury as well as any threat to health or safety of which it becomes aware at the Works or on the Site to the *Employer's Representative*.
- The *Contractor* undertakes not to do, or not to allow anything to be done which will contravene any of the provisions of the Act, Regulations or Safety and Operating Procedures.
  - The *Contractor* appoints a person, qualified in accordance with the SHEQ Requirements, as the liaison with the Eskom Safety Officer for all matters related to health and safety, this person shall be reachable 24 hours a day.
  - The *Contractor* confirms that it has been provided with sufficient written information regarding the health and safety arrangements and procedures applicable to the Works to ensure compliance by it and all employees, agents, Sub-*Contractors* or mandataries with the SHEQ Requirements while providing the Works in terms of this contract. As such, the *Contractor* confirms that this contract and the relevant Eskom Regulations referred to in this contract constitute written arrangements and procedures between the *Contractor* and the *Employer* regarding health and safety for the purposes of section 37(2) of the OHSA.
  - The *Contractor* agrees that the *Employer* is relieved of any and all of its responsibilities and liabilities in terms of Section 37(1) of OHSA in respect of any acts or omissions of the *Contractor*, and the *Contractor's* employees, agents or Sub-*Contractors*, to the extent permitted by the OHSA.
  - The *Contractor* hereby indemnifies the *Employer* and holds the *Employer* harmless in respect of any and all loss, costs, claims, demands, liabilities, damage, penalties or expense that may be made against the *Employer* and/or suffered or incurred by the *Employer* (as the case may be) as a result of, any failure of the *Contractor*, its employees, agents, Sub-*Contractors* and/or mandataries to comply with their obligations in terms of clause 16, and/or the failure of the *Employer* to procure the compliance by the *Contractor*, its employees, agents, Sub *Contractors* and/or mandataries with their responsibilities and/or obligations in terms of or arising from the OHSA.
  - In carrying out his obligation as the mandatory to the *Employer* for this contract in terms of the National Environmental Management Act No.107 of 1998, the *Contractor* ensures that he complies with the Act when Providing the Services or using plant, materials or equipment.

## 1.2 Permit to Work System

- NO work shall be carried out without a "PERMIT TO WORK"
- The *Contractor's* Responsible Person must satisfy himself that all sources of possible danger are isolated. Details of the Permit to Work system can be found in the Plant Safety Regulations for Lethabo Power Station, Eskom OPR 3305. The *Contractor* must also make provision for a Authorise supervisor that is trained according to the procedure mentioned above.
- A Master Permit to Work is used on declared major outages, details can be found in local procedure LBA 00085. Permit changes are made during the dead time, if it is required by the *Contractor* that a certain supply be made available or plant tested than this can be applied for at the Outage Management Meeting at least 1 day in advance.

- Plant with a prohibitive sign attached may only be operated by appointed Eskom personnel. Any *Contractor* employee found tampering with such plant will be permanently removed from Site.

### 1.3 Safety Induction Course

- All the employees of the *Contractor* must attend a safety induction course before they will be allowed to work on the Site. It is the responsibility of the *Contractor* to ensure that all employees have attended the safety induction.
- A list of employees requiring safety induction must be submitted at least 2 days in advance of arrival on site with the date and time of arrival so that the safety induction can be arranged.

### 1.4 IBI Awareness Techniques

- "To prevent incidents and ensure continuous improvement of Lethabo Power Stations business performance in all areas affecting safety, reliability and production, it is expected of all **CONTRACTORS** service personnel, to attend a three(3) hour training session on Integrated Business Improvement Awareness, which has to be done as soon as work has commenced; This is to ensure familiarisation and use of error-prevention tools/techniques inclusive of, Pre and Post-job briefs, Risk Assessments, Self-checks(STAR principle), Job observations, Effective communications e.g.3- way, Questioning attitude, Procedural adherence, Hand overs and other related topics.
- A monthly IBI scorecard to be completed indicating the use of error prevention tools/ techniques; The assigned employee fulfilling the role of IBI representative has to attend the IBI representative's forum fortnightly, on Tuesdays, duration one hour.
- An IBI representative appointed by the *Contractor/Supplier/Consultant* to attend the IBI Representative Forum One (1) hour every Tuesday (fortnightly).
- IBI Awareness training will be provided by Lethabo Power Station personnel, free of charge, course bookings can be arranged by contacting Rabie Heymans on extension 5094".

### 1.5 Transportation of passengers: open LDV's:

No *Eskom employee* or *Contractor* would be allowed to transport passengers on the back of open light delivery vehicles (LDV's).

It is a legal requirement to provide safe transportation of *Eskom* and *Contractor* employees – therefore the following will be enforced:

- All passengers must be transported in a closed vehicle with proper and adequate seating, fitted with safety belt for the number of passengers to be transported. NO passengers may be transported on the back of a light delivery vehicle (LDV) whether open or closed.
- Tools and equipment must be properly secured.
- Only authorised drivers may transport passengers.
- Proof must be submitted on request in terms of valid roadworthiness of the vehicle/s.
- The above must apply to on site and off site transportation of passengers.

### 1.6 Eskom Cardinal Rules:

Five Cardinal Rules have been developed that will apply to all Eskom employees, agents, consultants and *Contractors*.

- **Rule 1:** Open, Isolate, Test, Earth, Bond, and/Or Insulate before touch - that is any plant operating above 1 000 V.
- **Rule 2:** Hook up at heights - no person may work at height where there is a risk of falling.
- **Rule 3:** Buckle up – no person may drive any vehicle on Eskom business and/or on Eskom premises: unless the driver and all passengers are wearing seat belts.
- **Rule 4:** Be sober (no person is allowed to work under the influence of drugs and alcohol.
- **Rule 5:** Use a permit to work – where an authorization limitations exists, no person shall work without the required permit to work.

### 1.7 Local Safety Procedures

- The *Contractor* adheres to all local procedures. A list of local procedures are available on request from the *Employer*.

### 1.8 Incidents / Accidents

- Incidents and accidents must be reported and investigated as detailed in LBA 00030. All incidents must also be reported to the *Employer* within 24 hours.
- First aid must be made available either by the *Contractor* or use can be made of the Lethabo medical centre at a fee. The availability of the *Contractor's* own first aid does not relieve the *Contractor* of his obligation to report and investigate the incident in accordance with Lethabo Procedure.

### 1.9 Fire Prevention

- Fire prevention and protection requirements to which *Contractors* must comply are detailed in LBA 00030.

### 1.10 Protective Equipment and Clothing

- The *Contractor* supplies his own personal protective equipment necessary to carry out the *works* and the *Contractor* shall ensure that all overalls for his staff have clearly identifying **company LOGO's**
- The *Contractor* is also responsible to inspect and maintain such equipment as required in terms of the OHS Act and local procedures.

### 1.11 Inspection of Equipment

- The *Contractor's* equipment is inspected by an authorised Eskom employee on arrival at the site.
- The following documentation is required to accompany the equipment where applicable: copies of all test certificates and maintenance records.
- Lifting equipment and electrical equipment must be marked with a unique number, code or colour code for identification. If the equipment is found to be in an unsatisfactory condition or if insufficient maintenance has been carried out on the equipment then it will not be approved for use on Site. A list of all lifting equipment and electrical equipment must be submitted to the *Employer* at least 2 days prior to the occupation date. This list must indicate the unique number and description of the equipment.

### 1.12 Documentation

The *Contractor* is responsible to have the following documentation available on site in accordance with LBA 00030:

- A copy of the OHS Act.
- Copies of all site accident report forms as required by the OHS Act.
- Copies of minutes of health and safety meetings held on site.
- Copies of inspection reports produced by the accident prevention officer

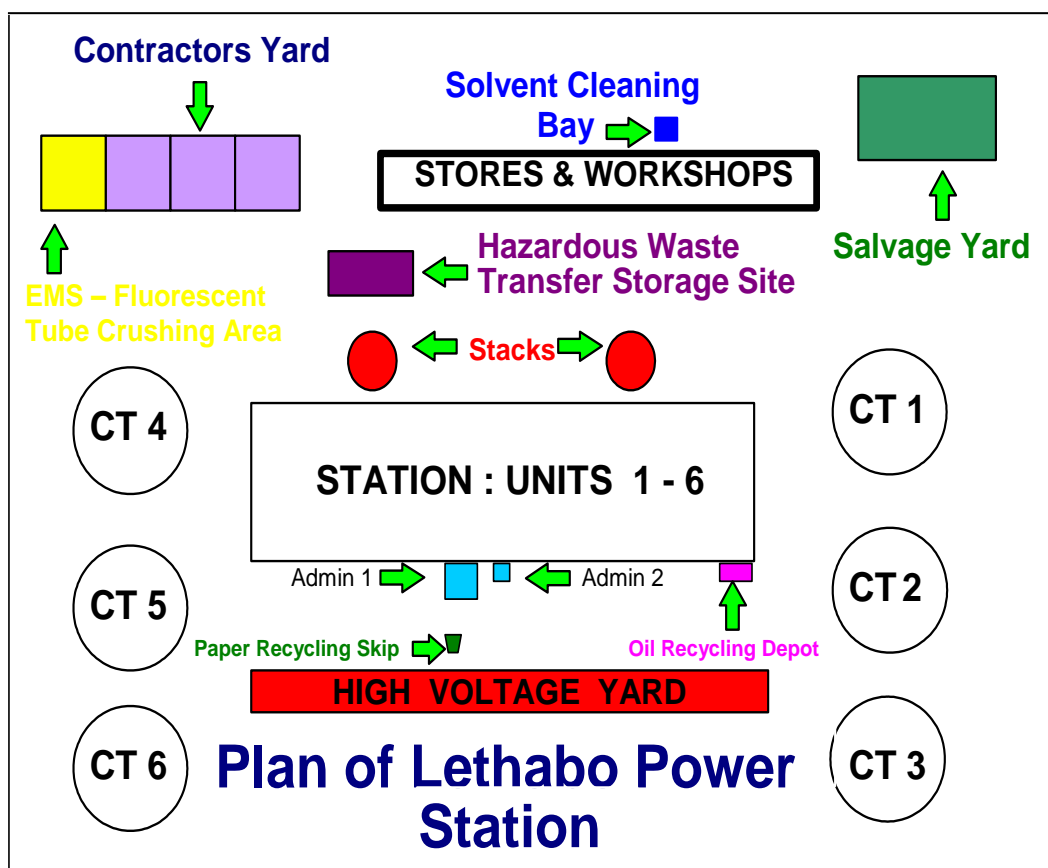
### 1.13 Environmental Policy and Waste Handling

Lethabo Environmental Statement of commitment must be adhered to.  
The contractor shall submit to Eskom an EMP to be reviewed and approved by Eskom environmental officer, one week before the commencement of works.

### 1.14 Disposal of Waste

Waste shall be removed promptly to the designated disposal area. No stockpiling will be permitted.

- Domestic waste to the white waste bins
- Production waste in the marked bins i.e. coal and ash only
- Paper and cans to their respective recycling bins
- Contact Civil Engineering for the disposal of building rubble
- Scrap metal, Wood & Rubber, Redundant Valves, Pipes, Equipment etc. to be placed in the marked bins in the new Salvage Yard. Solvents and cloths used to the Cleaning Bay.



### 1.15 Hazardous Waste Disposal and Handling

- Hazardous / toxic waste includes all waste which contains elements or compounds listed as hazardous substances in terms of the Hazardous Substances Act No. 15 of 1973.
- Any *Contractor* who produces hazardous waste on site will be responsible for the safe removal of such waste to a registered Class I site by a waste removal and disposal body.
- The *Contractor* is required to produce a certificate of safe disposal in accordance with LBA 00054.
- The *Contractor* must ensure that persons handling hazardous waste have undergone suitable training and are acquainted with cleaning methods in case of a spillage.
- The *Contractor* is also responsible for the safe removal of their hazardous waste to Lethabo's Hazardous Waste Store. Other requirements for hazardous waste are detailed in LBA 00030.
- In order to ensure effective hazardous waste management, a copy of the *Contractors'* hazardous waste inventory must be supplied to the *Employer* at least 2 days prior to the occupation date.

### Abbreviated list of Hazardous Materials

Acids and alkalis	Hydrocarbons	Pesticides & insecticides
Antimony and its compounds	Inorganic cyanides	Pharmaceuticals

Arsenic compounds	Inorganic compounds containing halogens	Phosphorus and its compounds
Asbestos	Inorganic compounds containing sulphur	Selenium and its compounds
Barium compounds	Laboratory chemicals	Silver compounds
Beryllium compounds	Lead compounds	Tarry & petroleum products
Biocides & phytopharmaceuticals	Medical wastes	Tellurium and its compounds
Boron compounds	Mercury compounds	Thallium and its compounds
Cadmium and its compounds	Nickel and its compounds	Vanadium compounds
Chromium compounds	Organic halogen compounds	Zinc compounds
Copper compounds	Paints and paint sludges	Waste with flash point < 60°C
Heterocyclic organic compounds	Peroxides, chlorates	

#### 1.16 Plant & Materials

- The *Employer* may at his own discretion, supply any Plant and Materials as may be required by the *Contractor* to Provide the Works.
- The *Contractor* is to notify the *Employer* in writing, 48 hrs in advance, of such Plant and Materials required.

#### 1.17 Access to and Departure from the Site:

- The Site is at Lethabo Power Station situated  $\pm$  18 km South of Vereeniging on the Viljoensdrift - Deneysville Road, Free State. Access to the site will be via the main security gate only. The *Employer* informs the *Contractor* of the access procedures, and it should be expected that such procedures may change depending on the prevailing security situation.
- The *Contractor* allows in his price and program for delays at the security gate. The *Employer* reserves the right for its Security personnel to search persons or vehicles entering or leaving the premises. This includes, but is not limited to briefcases and toolboxes.

#### 1.18 Temporary Gate Permits

- The *Contractor* provides the *Employer* with the personal details of their staff at least two days prior to the occupation date. All names and details to be submitted to the *Employer* who arranges for all gate permits.

#### 1.19 Equipment or Material Access and Removal

##### Access

- The *Contractor* ensures that all equipment and materials brought through the security gate is signed in at the main security gate on an OV18 form.

##### Removal

- The *Contractor* is not allowed to remove any equipment or materials from site without producing the relevant OV18 forms or the equipment lists.
- If the equipment or material is to be removed the same day, on which they were brought on to site, then the OV18 form will need to be produced at the gate when leaving the site.

- If the equipment or material is removed after this time then a Non-Returnable Gate Release will be provided by the *Employer's Representative*, on receipt of the original OV18, with which the *Contractor* brought the equipment on site.

## 1.20 Site or Area Establishment and Evacuation

### Application for Site Establishment:

- Sites are allocated according to availability, the period for which the *Contractor* is going to be on site, or if special circumstances warrant the allocation of a site. Documentation to support this application can be submitted.
- The location of the site or area is indicated during the site or area take-over inspection.

### Site Establishment:

- The *Contractor* does not occupy any site or area other than that allocated to him.
- The *Contractor* does not occupy the site or area prior to the take-over inspection.
- The *Contractor* maintains the site or area provided to him to the satisfaction of the *Employer*.
- The *Employer* subjects the *Contractor's* site or area to periodic inspection.

### Site Evacuation:

- The *Contractor* advises the *Employer* in writing, five (5) days in advance of evacuation in accordance with LBA 00030. Immediately prior to evacuation the necessary take-over inspection must take place.

## 1.21 Electrical Equipment / Appliances, Lighting and Power:

- Any electrical equipment or appliances used by the *Contractor* must comply with all relevant safety regulations and requirements as detailed in LBA 00030, and be maintained in safe and proper working condition.
- The *Employer* has the right to stop the *Contractor's* use of any electrical equipment or appliance, which in the *Employer's* opinion does not conform to the foregoing.
- The *Contractor* provides at his own expense any temporary local lighting, and ensures that it is in accordance with the requirements of the Factories Inspector.
- The *Contractor* provides at his own expense, all temporary wiring and cabling to route power from the point of supply to the various points where it is required, maintain same and remove on completion.

## 1.22 Water

- The *Contractor* provides at his own cost, all connection fittings, pipe-work, temporary plumbing, and pumps necessary to lead the water from the point of supply to the various points where it is required, maintain same and remove on completion.
- Such fittings must be compatible with the *Employer's* fittings so that galvanic corrosion of pipe-work is prevented
- Water wastage due to un-maintained pipe work or fittings provided by the *Contractor* will be calculated and will be for the cost of the *Contractor*.

## 1.23 Compressed Air

- The *Contractor* provides at his own cost, all connection fittings and pipe-work necessary to lead the compressed air from the point of supply to the various points where it is required, maintain same and remove on completion. Such fittings must be compatible with the *Employer's* fittings so that galvanic corrosion of pipe-work is prevented
- Compressed air wastage due to un-maintained pipe work or fittings provided by the *Contractor* will be calculated and will be for the cost of the *Contractor*.

## 1.24 Ventilation

- The *Contractor* is responsible for adequate ventilation of the works.



**1.25 Security**

- The *Contractor* is responsible for all security on *site*, fencing off, night watch and access control in order to secure all plant, materials and the *works* itself. All these measures must be in accordance with any relevant regulations and standards and subject to the *Employer's* approval.
- It is also the *Contractors* responsibility to ensure the security of all completed portions of the *works* prior to Completion.

**1.26 Offices, Workshops and Stores**

- The *Contractor* shall provide, erect and maintain for his own use, any additional office accommodation and stores he requires, together with drainage, lighting, heating, and hot and cold-water services as required.
- The *Contractor's* site establishment price includes all treatment of the site that he considers necessary for his entire operation throughout his period of occupation and under all weather conditions.
- The *Contractor* also includes for all security and access arrangements that he considers necessary.

**1.27 Sanitary Facilities**

- The *Contractor* shall provide service, maintain and remove on completion any additional facilities required and allow for it in his *Price*.
- The *Contractor's* employees who work with asbestos are not allowed to use the *Employer's* ablution or messing facilities at the workplace during and after stripping of lagging materials, for fibres that may be attached to workers clothing, or to any other article.