



## NEC3 Supply Contract (SC3)

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

and [Insert at award stage]  
(Reg No. \_\_\_\_\_ )

for **Supply and Delivery of Turbine Miscellaneous  
Spares on an "as and when required" basis at Matla  
Power Station for a period of 5 years**

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**CONTRACT No.**

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SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

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

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SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

# 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 Turbine Miscellaneous Spares on an "as and when required" basis at Matla Power Station for a period of 5 years**

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	<b>R [●]</b>
	Value Added Tax @ 15% is	<b>R [●]</b>
	The offered total of the amount due inclusive of VAT is <sup>1</sup>	<b>R [●]</b>
	(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*.

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**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.

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**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	[•]	[•]
2	[•]	[•]
3	[•]	[•]
4	[•]	[•]
5	[•]	[•]
6	[•]	[•]
7	[•]	[•]

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

**[Instructions to the contract compiler: (delete these two notes in the final draft of a contract)]**

1. Please read the relevant clauses in the conditions of contract before you enter data. The number of the clause which requires the data is shown in the left hand column for each statement however other clauses may also use the same data.
2. Some SC3 options are always selected by Eskom Holdings SOC Ltd. The remaining SC3 options are identified by shading in the left hand column. In the event that the option is not required select and delete the whole row. Where the following symbol is used "[●]" - data is required to be inserted relevant to the specific option selected.]

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	
		<p><b>X1: Price adjustment for inflation</b></p> <p><b>X2 Changes in the law</b></p> <p><b>X7: Delay damages</b></p> <p><b>X17: Low performance damages</b></p> <p><b>X20: Key Performance Indicators</b></p> <p><b>Z: Additional conditions of contract</b></p>
	of the NEC3 Supply Contract (April 2013) <sup>1</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.	
	Fax No.	
10.1	The <i>Supply Manager</i> is (name):	
	Address	<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>

<sup>1</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, www.ecs.co.za.

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Tel

e-mail

11.2(13)	The <i>goods</i> are	<b>Miscellaneous Spares</b>
11.2(13)	The <i>services</i> are	<b>Supply and Delivery of Turbine Miscellaneous Spares on an "as and when required" basis at Matla Power Station for a period of 5 years.</b>
11.2(14)	The following matters will be included in the Risk Register	<b>Delays on delivery Quality of deliverables</b>
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>
<b>2</b>	<b>The Supplier's main responsibilities</b>	<b>Data required by this section of the core clauses is provided by the <i>Supplier</i> in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.</b>
<b>3</b>	<b>Time</b>	
30.1	The <i>starting date</i> is.	<b>31 July 2026 or as soon as possible thereafter</b>
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<b>On an "as and when" required basis</b>
30.2	The <i>Supplier</i> does not bring the <i>goods</i> to the Delivery Place more than one week before the Delivery Date.	<b>[•]</b>
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	<b>[•] Weeks of the Contract Date</b>
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	<b>[•] weeks</b>
<b>4</b>	<b>Testing and defects</b>	
42	The <i>defects date</i> is	
43.2	The <i>defect correction period</i> is	<b>52 weeks after Delivery or where delivery is delayed, then from date of delivery of the Supplier's notice of readiness to deliver, whichever occurs first</b>
	except that the <i>defect correction period</i> for	<b>The Defects provisions shall not apply to, and the Supplier shall not be liable in respect of:</b>
	and the <i>defect correction period</i> for	<b>[•] is [•] weeks</b>
42.2	The <i>defects access period</i> is	<b>Should the Purchaser fail to notify Supplier in writing of any Defects before the Defects Date</b>

	<p>except that the <i>defect access period</i> for and the <i>defect access period</i> for</p>	<p>it shall be deemed that all Defects have been corrected and that no further Defects exist.”</p>
		<p>[•] is [•] If the Supplier is not given access in order to correct a notified Defect before the defects date, then it shall be deemed that no Defect exist and Supplier shall have no further liability in respect of such Defect. Purchaser may elect to instruct a third party to correct the Defect after the defects date, but shall not be entitled to claim any costs or compensation from Supplier. Supplier shall not be liable in any way in respect of any work carried out by third parties. The Goods Information shall be treated as having been changed to accept the Defect.</p>
<p><b>5</b></p>	<p><b>Payment</b></p>	
<p>50.1</p>	<p>The <i>assessment interval</i> is</p>	<p>After each delivery and acceptance of spares</p>
<p>51.1</p>	<p>The <i>currency of this contract</i> is the</p>	<p>South African Rand</p>
<p>51.2</p>	<p>The period within which payments are made is</p>	<p>60 days</p>
<p>51.4</p>	<p>The <i>interest rate</i> is</p>	<p>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.</p>
<p><b>6</b></p>	<p><b>Compensation events</b></p>	<p>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.</p>
<p><b>7</b></p>	<p><b>Title</b></p>	<p>There is no reference to Contract Data in this section of the core clauses and terms in italics</p>

used in this section are identified elsewhere in this Contract Data.

**8 Risks, liabilities, indemnities and insurance**

80.1	These are additional <i>Purchaser's</i> risks	<ol style="list-style-type: none"> <li>1. <b>Supplier not Suppling goods in time can result in outage slip or plant shutdown.</b></li> <li>2. <b>Supplier not meeting quality requirements can result in financial and production loss.</b></li> <li>3. <b>Incorrect Specification used can result in production losses/financial loss or PFMA violation.</b></li> </ol>
84	<b>Insurance cover</b>	
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 <i>Supplier</i> provides the insurances stated in the Insurance Table A for events which are at the <i>Supplier's</i> risk from the <i>starting date</i> until the last <i>defects date</i> or a termination certificate has been issued	
<b>INSURANCA TABLE A</b>		
	<b>Insurance against</b>	<b>Minimum amount of cover or minimum limit of indemnity</b>
	Loss of or damage to the <i>goods</i> , plant and materials	<p>The replacement cost where not covered by the <i>Purchaser's</i> insurance</p> <p>The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance</p>
	Liability for loss of or damage to property (except the <i>goods</i> , 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.	<p><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.</p> <p>The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance.</p> <p><b><u>Other property</u></b> The replacement cost</p> <p><b><u>Death of or bodily injury</u></b> The amount required by the applicable law.</p>

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	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	The amount required by the applicable law
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 described in the "Format A" insurance policy available</b>  <b>and</b> <b>(2) for all other existing <i>Purchaser's</i> property the highest 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>[•]</b> <b>[This is a commercial decision, but consider using the total of the Prices. Delete this note after inserting a Rand amount]</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>R[•]</b> <b>[This is a commercial decision, but consider using at least the total of the Prices. Delete this note after inserting the</b>
88.5	The <i>end of liability date</i> is	<b>until product is utilised the period of warranty of the product should commence from the date of use or installation of the product because we cannot determine if the goods were defect or not unless they were in use. As long as the one can objectively determine the date of use or installation and for as long as the goods were not stored for an unreasonably long period in good conditions of storage.</b>

**9 Termination and dispute resolution**

94.1	The <i>Adjudicator</i> is	<b>the person selected from the ICE-SA Division (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 <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a>). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).</b>
	Address	<b>To be confirmed should dispute arise.</b>
	Tel No.	<b>To be confirmed should dispute arise.</b>

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Fax No.

To be confirmed should dispute arise.

e-mail

To be confirmed should dispute arise.

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  The person or organisation who will choose an arbitrator - if the Parties cannot agree a choice or - if the arbitration procedure does not state who selects an arbitrator, is	To be announced once dispute arises.  the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.

**10 Data for Option clauses**

<b>X1</b>	<b>Price adjustment for inflation</b>																				
X1.1	The <i>base date</i> for indices is																				
	The proportions used to calculate the Price Adjustment Factor are:	<table border="1"> <thead> <tr> <th>proportion</th> <th>linked to index for</th> <th>Index prepared by</th> </tr> </thead> <tbody> <tr> <td>0.</td> <td>[•]</td> <td>[•]</td> </tr> <tr> <td>0.</td> <td>[•]</td> <td>[•]</td> </tr> <tr> <td>0.</td> <td>[•]</td> <td>[•]</td> </tr> <tr> <td>[•]</td> <td>non-adjustable</td> <td>[•]</td> </tr> <tr> <td>1.00</td> <td></td> <td></td> </tr> </tbody> </table>	proportion	linked to index for	Index prepared by	0.	[•]	[•]	0.	[•]	[•]	0.	[•]	[•]	[•]	non-adjustable	[•]	1.00			
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1.00																					
<b>X2</b>	<b>Changes in the law</b>																				
X2.1	A change in the law of	[•] is a compensation event if it occurs after the Contract Date																			
<b>X3</b>	<b>Multiple currencies</b>																				
X3.1	The <i>Purchaser</i> will pay for these items in the currencies stated	N/A																			
		<table border="1"> <thead> <tr> <th>Items</th> <th>Other currency</th> <th>Total maximum payment in the currency</th> </tr> </thead> <tbody> <tr> <td>[•]</td> <td></td> <td></td> </tr> <tr> <td>[•]</td> <td></td> <td></td> </tr> <tr> <td>[•]</td> <td></td> <td></td> </tr> </tbody> </table>	Items	Other currency	Total maximum payment in the currency	[•]			[•]			[•]									
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X3.1	The <i>exchange rates</i> are those published in <b>[•] on [•] (date)</b>	<p>The items will be paid in the other currency</p> <ul style="list-style-type: none"> <li>- to a foreign Bank account nominated by the <i>Supplier</i></li> <li>- to a valid SARB approved CFC account in South Africa</li> <li>- in accordance with an alternative payment method agreed with the <i>Purchaser</i> before the Contract Date.</li> </ul> <p>(select one of the three methods as agreed with the successful tenderer prior to contract award and delete the others and this note)</p>										
X4	<b>Parent company guarantee</b>	<b>There is no reference to Contract Data in this Option and terms in italics are identified elsewhere in this Contract Data.</b>										
X7	<b>Delay damages</b>											
X7.1	Delay damages for Delivery are	0.5% (zero point five per centum) increments of the batch order value per calendar day late, until damages have accumulated to 10% of the batch order.										
X17	<b>Low performance damages</b>											
X17.1	The amounts for low performance damages are:	<table border="1"> <thead> <tr> <th>amount</th> <th>performance level</th> </tr> </thead> <tbody> <tr> <td>R [•]</td> <td>for [•]</td> </tr> <tr> <td>R [•]</td> <td>for [•]</td> </tr> <tr> <td>R [•]</td> <td>for [•]</td> </tr> <tr> <td>R [•]</td> <td>for [•]</td> </tr> </tbody> </table>	amount	performance level	R [•]	for [•]	R [•]	for [•]	R [•]	for [•]	R [•]	for [•]
amount	performance level											
R [•]	for [•]											
R [•]	for [•]											
R [•]	for [•]											
R [•]	for [•]											
X20	<b>Key Performance Indicators (not used when Option X12 applies)</b>	<b>To be initiated on contract award as per sample on last page.</b>										
X20.1	The <i>incentive schedule</i> for Key Performance Indicators is in	<b>Annexure [•] to this Contract Data</b>										
X20.2	A report of performance against each Key Performance Indicator is provided at intervals of	<b>[•] months</b>										
Z	<b>The <i>additional conditions of contract</i> are</b>	<b>Z1 to Z15 always apply for Eskom</b>										

**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

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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**

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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.

**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".

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## **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

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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 <i>goods</i> , 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 <i>goods</i> , 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> <u><i>Purchaser's</i> property</u> 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.  <u>Other property</u> 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

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**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

**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.

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## 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 effected 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.

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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 <i>Purchaser</i> at the <i>Purchaser's</i> expense, and conducted in line with South African legislation.
	SDL&I Subcontracting – 5% (Transport) Local Content – 65% and 35% offshore Job creation – 0% Job retention – 97 CSI – 2%
	Financial Analysis  The latest Audited financial statements to be submitted to Eskom Commercial Representative by October 2025

## 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>2</sup> as follows:

*[Select the group and then term within the group which applies and state the applicable delivery place. Delete all the other groups and this note]*

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

<sup>2</sup> International Chamber of Commerce, Incoterms 2010, Paris, January 2011

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D	arrival	DAT, DAP, DDP	
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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:

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

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**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>	[State the constraints on how the <i>Supplier</i> manufactures, prototypes, tests and stores the <i>goods</i> including order and timing]	
<b>2. The requirements for transport are</b>	[State the extent to which the <i>Supplier</i> transports the <i>goods</i> and the mode of transport]	
<b>3. The delivery place is</b>	[State the location where the <i>goods</i> are to be placed by the <i>Supplier</i> , such as whether it is a dispatch department at the <i>Supplier's</i> premises, the <i>Purchaser</i> is to collect or other location the <i>Purchaser</i> may require. If the delivery place for the <i>services</i> is different to the <i>goods</i> state it here]	
<b>4. Actions of the Parties during supply</b>	<b>Action</b>	<b>Party which does it</b>
	Giving notice of Delivery	
	Checking packing and marking before dispatch	
	Contracting for transport	
	Pay costs of transport	
	Arrange access to delivery place	
	Loading the <i>goods</i>	
	Unloading the <i>goods</i>	
<b>For international procurement</b>	Undertake export requirements	
	Undertake import requirements	
<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

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## C1.2 Contract Data

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

**[Instructions to the contract compiler: (delete this note before issue to tenderers with an enquiry)**

Whenever a cell is shaded in the left hand column it denotes this data is optional and would be required in relation to the option selected. In the event that the option is not required select and delete the whole row.]

**Notes to a tendering supplier:**

1. Please read both the NEC3 Supply Contract (SC3)<sup>1</sup> and the relevant parts of its Guidance Notes (SC3-GN)<sup>2</sup> in order to understand the implications of this Data which the tenderer is required to complete.
2. The number of the clause which requires the data is shown in the left hand column for each statement however other clauses may also use the same data
3. Where a form field like this [ ] appears, data is required to be inserted relevant to the option selected. Click on the form field **once** and type in the data. Otherwise complete by hand and in ink.

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 goods and services is:	<b>On an "as and when" required basis</b>
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	%

<sup>1</sup> Either April 2013 or December 2009 Edition as stated by *Purchaser* in Contract Data part 1.

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

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## PART 2: PRICING DATA

### NEC3 Supply Contract

<b>Document reference</b>	<b>Title</b>	<b>No of pages</b>
C2.1	Pricing assumptions	3
C2.2	The <i>price schedule</i>	2

## 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	<p>(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.</p> <p>(12) The Price Schedule is the <i>price schedule</i> unless later changed in accordance with this contract.</p>
<b>Assessing the amount due</b>	50.2	<p>The amount due is</p> <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> <p>Any tax which the law requires the <i>Purchaser</i> to pay to the <i>Supplier</i> is included in the amount due.</p>

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;

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- 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.

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

## C2.2 the *price schedule*

Item nr	Material No	Description	Unit	Quantity	Rate	Price
1	753623	PUMP: TYPE: VENTURI SUCTION; SIZE: 60 MM; CAPACITY: 0.050 M3/S; SPEED: 1425 RPM; RATING: 0,75 KW; APPLICATION: SUCK AIR/VAPOUR; MANUF P/N: HP40; HP40; GAS ELECTRACTOR UNIT/VENT FAN; TO COME WITH MOTOR 380V; TYPE 080 GZ; DN 100; PN 16; THE UNIT MUST COME COMBINE	Each	6		
2	753630	BEARING: TYPE: DEEP GROOVE; INSIDE DIAMETER: 100 MM; OUTSIDE DIAMETER: 215 MM; WIDTH: 47 MM; STYLE: DEEP GROOVE BALL BEARING SINGLE-ROW ZZ; SERIES: 6320 C3; RATING: 174 KN; MANUF P/N: 6320 C3; BORE TYPE CYLINDRICAL C3	Each	50		
3	753624	PIPE: INSIDE DIAMETER: 312 MM; LENGTH: 6 M; MATERIAL: ST 37.2; ENDS: BUTT WELD; DESIGN PRESSURE 33.5MPA; DESIGN TEMPERATURE 215 DEGREES; PRODUCE MATERIAL CERTIFICATE	m	24		
4	753614	PIPE: INSIDE DIAMETER: 390 MM; LENGTH: 6 M; MATERIAL: 16M03; ENDS: BUTT WELD; PRODUCE MATERIAL CERTIFICATE	m	24		
5	753617	BEARING: TYPE: DEEP GROOVE BALL; INSIDE DIAMETER: 45 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 29 MM; STYLE: DEEP GROOVE; MATERIAL: STEEL	Each	50		
6	753619	PIPE: INSIDE DIAMETER: 61 MM; LENGTH: 6 M; MATERIAL: CARBON STEEL	m	24		
7	753612	PIPE: INSIDE DIAMETER: 25.0 MM; LENGTH: 6 MM; MATERIAL: 13CRMO44; ENDS: BUTT WELD; MAXIMUM OPERATING PRESSURE: 18 MPA;	m	24		

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		MAXIMUM OPERATING TEMPERATURE : 179 DEGREES CELCIUS; PRODUCE MATERIAL CERTIFICATE				
8	753616	PIPE: INSIDE DIAMETER: 51 MM; LENGTH: 6 M; MATERIAL: CARBON STEEL; PRODUCE MATERIAL CERTIFICATE; WALL THICKNESS 4,5	m	24		
9	753625	PIPE: INSIDE DIAMETER: 51,3 MM; LENGTH: 6 MM; MATERIAL: STAINLESS STEEL; WALL THICKNESS: 4,5 MM; PRODUCE MATERIAL CERTIFICATE	m	24		
10	753613	BEARING: TYPE: SINGLE ROW DEEP GROOVE BALL; INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 28 MM; STYLE: SINGLE ROW; MATERIAL: STEEL; SERIES: 7217 C3 BE; 7217 BECBM	Each	50		
11	753629	PIPE: INSIDE DIAMETER: 99 MM; LENGTH: 6 M; MATERIAL: CARBON STEEL; ENDS: BUTT WELD	m	24		
12	753621	PIPE: INSIDE DIAMETER: 492 MM; LENGTH: 6 M; MATERIAL: ST 37.2; BFPT SUCTION VALVE PIPE; DESIGN PRESSURE 33,5 MPA; DESIGN TEMPERATURE 215 DEGREES CELCIUS; PRODUCE MATERIAL CERTIFICATE	m	24		
13	753626	BEARING: TYPE: ANGULAR; INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 35 MM; STYLE: SINGLE ROW; MANUF P/N: 7314 BECB; 7314 BECB ANGULARBEARING FOR USE ON LUBE OIL PUMP	Each	30		
14	753615	PIPE: INSIDE DIAMETER: 18,9 M; LENGTH: 6 MM; MATERIAL: STAINLESS STEEL; WALL THICKNESS 3.9; PRODUCE MATERIAL CERTIFICATE	m	24		
15	753618	PIPE: INSIDE DIAMETER: 40,3 MM; LENGTH: 6 M; MATERIAL: STAINLESS STEEL; ENDS: BUTT WELD; WALL THICKNESS: 4MM; PRODUCE MATERIAL MATERIAL CERTIFICATE	m	24		
16	753635	BEARING: TYPE: DEEP GROOVE BALL;	Each			

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		INSIDE DIAMETER: 50 MM; OUTSIDE DIAMETER: 130 MM; WIDTH: 31 MM; STYLE: BEARING SINGLE-ROW ZZ; MATERIAL: STEEL; SERIES: 6410 IC3; MANUF P/N: 6410/C3; BALL BEARING; LOAD RATING 87,1 KN		<b>50</b>		
<b>17</b>	<b>247493</b>	SHEET, GASKET: THICKNESS: 3 MM; LENGTH: 2 M; WIDTH: 1.5 M; MATERIAL: NBR/WOOL MINERAL FIBER; SUPPL P/N: JMP 6000	Each	<b>20</b>		
<b>18</b>	<b>58422</b>	COUPLING, SHAFT: TYPE: RIGID SHOCK ABSORBER; BORE: 32 MM; OUTSIDE DIAMETER: 140 MM; LENGTH: 256 MM; MATERIAL: STL	Each	<b>24</b>		
<b>19</b>	<b>74546</b>	DISC, RUPTURE: DIAMETER: 600 MM; MATERIAL: SS GR 1.4401; BURST PRESSURE: 150 KPA; TYPE: DIAPHRAGM; DRAWING NO: 4401PTFE/4401 REV 1; 4401 REV 1; REFERENCE NO: 800355; DT-110V-24; TYPE BT-HOV 24, MIN 1.46 1.78 1.29 1.75 BE1 295K 373K, IG-24	Each	<b>12</b>		
<b>20</b>	<b>24865</b>	FILTER, ELEMENT: FILTERING RETENTION: 10 UM; OEM P/N: 5160-342, OEM: GE STEAM POWER SERVICE; 5360-342, OEM: GE STEAM POWER SERVICE; REFERENCE NO: 0110 D010 BH/HC; 0110-D-010BN/HC/V; TYPE D; FOR SERVO MOTOR ON HP AND IP CONTROL VALVES WITH BETAMICRON-2-H ELEMENT; FPM (VITON ) SEALS; SUITABLE FOR PHOSPHATE ESTER (HFD-R) AND BIODEGRADABLE OILS	Each	<b>100</b>		
<b>21</b>	<b>248799</b>	FILTER, ELEMENT: TYPE: INLINE, OIL; MATERIAL: GLASS FIBER BETAMICRON 4-N; FILTERING RETENTION: 10 UM; MANUF P/N: 0850R010BN4HC; BFPT CONTROL; RATING OF 11.7 TO ISO16889; SEALING MATERIAL NBR; BX(C) VALUE OF 1000; DP STABILITY 20 BAR	Each	<b>100</b>		
<b>22</b>	<b>206893</b>	FILTER, ELEMENT: MATERIAL: STAINLESS STEEL; FILTERING RETENTION: 30 UM; SUPPL P/N: 2.66.9.520.750.8.250; CASING OF CANDLE MADE OF POLYAMID, USED ON THE BEARING OIL FILTERS	Each	<b>100</b>		
<b>23</b>	<b>206892</b>	FILTER, ELEMENT: TYPE: CANDLE; MATERIAL: STAINLESS STEEL; FILTERING RETENTION: 30 UM; SUPPL P/N: 2.629.270.500GR12DN125;	Each	<b>100</b>		

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		MATERIAL OF CASING: POLYAMID, USED ON BFPT LUB OIL FILTERS				
<b>24</b>	<b>220687</b>	KIT, PUMP REPAIR: TYPE: VACUUM OIL; APPLICATION: OIL PLANT; COMPRISING: BUSH CLOSED/OPEN HEAD; CAM; DISCHARGE VALVE; MECHANICAL SEAL; PIN; SHAFT; SLIDE; MODEL NO: GKS 47	Each	<b>100</b>		
<b>25</b>	<b>101037</b>	PACKING, BULK: WIDTH: 19 MM; THICKNESS: 19 MM; MATERIAL: GRAPHITE/PTFE; APPLICATION: PUMP AND VALVE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-14; TEMPERATURE RANGE: -200 TO 280 DEG C; TYPE: THERMOFLON; SHAPE: SQ; SUPPL P/N: 6230; TO BE ASBESTOS FREE	Each	<b>150</b>		
<b>26</b>	<b>101036</b>	PACKING, BULK: WIDTH: 16 MM; THICKNESS: 16 MM; MATERIAL: GRAPHITE/PTFE; SHAPE: SQ; SUPPL P/N: 6230; TO BE ASBESTOS FREE	Each	<b>150</b>		
<b>27</b>	<b>177650</b>	PUMP, CENTRIFUGAL: NPSH: 1.5 M; CAPACITY: 96 M3/HR; TOTAL HEAD: 74 M; SIZE: 100 X 80 MM; SPEED: 3000 RPM; STAGE: 1; SUPPL P/N: CN100-080- 315; MODEL NO: 45-K038; DRIVER WITHOUT MOTOR	Each	<b>3</b>		
<b>28</b>	<b>28915</b>	BELT, V: TOP WIDTH: 16 MM; THICKNESS: 13 MM; SUPPL P/N: 16NSPB2280; 2280MM PITCH CIRCUMFERENCE	Each	<b>15</b>		
<b>29</b>	<b>28802</b>	V BELT SET: NUMBER OF BELTS: 3; SUPPL P/N: 16NSPB2020; TO BE BUNDLED AND MARKED AS A SET, MATCHED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	<b>15</b>		
<b>30</b>	<b>23082</b>	COUPLING: TYPE: TRANSFLUID TURBINE; SIZE: ID 74 MM; OEM P/N: 9430-002, OEM: GE STEAM POWER SERVICE	Each	<b>1</b>		
<b>31</b>	<b>24864</b>	FILTER, ELEMENT: FILTERING RETENTION: 10 UM; REFERENCE NO: 0850-R-010BN/HC/V/KB; TYPE R; FOR SERVO MOTOR ON HP AND IP CONTROL VALVES WITH BETAMICRON; 2N ELEMENT; FPM (VITON) SEALS; SUITABLE FOR PHOSPHATE ESTER (HFD-R) AND BIODEGRADABLE OILS	Each	<b>100</b>		

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

32	248799	FILTER, ELEMENT: TYPE: INLINE, OIL; MATERIAL: GLASS FIBER BETAMICRON 4-N; FILTERING RETENTION: 10 UM; MANUF P/N: 0850R010BN4HC; BFPT CONTROL; RATING OF 11.7 TO ISO16889; SEALING MATERIAL NBR; BX(C) VALUE OF 1000; DP STABILITY 20 BAR	Each	100		
33	66111	VALVE, GLOBE: VALVE SIZE: 40 MM; OPERATED: LEVER; CONNECTION: THD; BODY MATERIAL: BRASS; TRIM: PTFE; STEM DESIGN: RISING SPINDLE; STYLE: BOLTED BONNET; DESIGN RATING: 16 BAR; DRAWING NO: E45.052837000 REV 1; 3590-52ITEM11-8 REV 0; USED ON SEAL OIL TANK PRESSURE COMPARTMENT; SERGEN	Each	12		
34	66112	VALVE, GLOBE: VALVE SIZE: 50 MM; OPERATED: LEVER; CONNECTION: THD; BODY MATERIAL: BRASS; TRIM: PTFE; STEM DESIGN: RISING SPINDLE; STYLE: BOLTED BONNET; DESIGN RATING: 16 BAR; SUPPL P/N: 3590-52; DRAWING NO: E45.052838000 REV 1; 3590-52ITEM11-9 REV 0; USED ON SEAL OIL TANK VACUUM COMPARTMENT; SERGEN	Each	12		
35	57362	NIPPLE, PIPE: TYPE: BARREL; INSIDE DIAMETER: 50 MM; LENGTH: 79 MM; CONNECTION: THD; MATERIAL: STL GALV; RATING: 4830 KPA; SPECIFICATION: SABS 763/62-1971 TABLE 9 FIG 3C	Each	60		
36	94562	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 9 MM; BLACK, NOT RATED FOR SHORE HARDNESS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	100		
37	94307	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 8 MM; SHORE HARDNESS: 75 DEG; SIZE: 10M LG, BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	100		
38	94561	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 7 MM; BLACK, NOT RATED FOR SHORE HARDNESS, REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND	Each	100		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		STORAGE METHOD, TO BE SUPPLIED IN ONE LENGTH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
39	94306	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 6.3 MM; SHORE HARDNESS: 75 DEG; COLOUR: BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	100		
40	245982	PUMP: TYPE: PVR VACUUM; CAPACITY: 105 M3/HR; RATING: 0.5 MBAR; DRIVER: ELECTRIC MOTOR 380 V 3 PH; MODEL NO: EU 105; AIR COOLED VIA INTEGRAL PRESSURIZED FAN COOLING; BUILT IN EXHAUST MIST FILTER TO ELIMINATE OIL FUMES IN THE WORKING ENVIRONMENT	Each	12		
41	588528	COUPLING: TYPE: SEAL OIL PUMP; SIZE: 97 MM; MATERIAL: MILD STEEL; REFERENCE NO: 97-10; TORSIONALLY AND PUNCTURE PROOF CLAW COUPLING RUBBER; NO BOREHOLE; LE 103 MM; D5 97 MM; SMALL DIA 69 MM; LE 50 MM; FOR USE ON AC/DC RECIRC SEAL OIL CONTROL PUMP	Each	20		
42	557283	PUMP: TYPE: SAMPLING; SIZE: 10 MM; CAPACITY: 2 M3/HR; SPEED: 1750 RPM; RATING: 5 BAR; DRIVER: MOTOR; CASING MATERIAL: SS GR 316; APPLICATION: WATER; MODEL NO: SMB 1001	Each	12		
43	22966	STATOR: TYPE: BARE SHAFT PUMP; DIMENSIONS: LG 97 MM; MATERIAL: NITRILE RUBBER; MANUF P/N: 12F83-22-00189G; MODEL NO: 3201; FOR ORBIT SBM 1001SST EN 57; STATOR CBM/CCM 1001; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	24		
44	102119	SEAL, OIL: INSIDE DIAMETER: 45 MM; OUTSIDE DIAMETER: 60 MM; WIDTH: 10 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; REFERENCE NO: CB456010	Each	100		

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45	61079	SET: TYPE: COUPLING; COMPRISING: PIN CROWN; MANUF P/N: P77C/8P7.5"X8; PILOT BORE, EIGHT RUBBERS = 1 SET, COUPLING COMPLETE	Each	48		
46	215508	NUT: TYPE: CONTROL VALVE SPINDLE; MATERIAL: BRASS; DRAWING NO: 0.41146 REV 1; FOR VALVE RP62S001	Each	24		
47	215521	NUT: TYPE: CONTROL VALVE SPINDLE; MATERIAL: BRASS; DRAWING NO: 0.41161 REV 1; FOR VALVE RM03 S002	Each	24		
48	215509	NUT: TYPE: CONTROL VALVE SPINDLE; MATERIAL: BRASS; DRAWING NO: 0.41146 REV 1; FOR VALVE RP61S001	Each	24		
49	69978	VALVE, GLOBE: VALVE SIZE: 32 MM; OPERATED: HANDWHEEL; CONNECTION: BW; BODY MATERIAL: 10CRMO910; TRIM: SEAT STELLITED; SOFTGOODS: PACKING P6 GRAPHITE; STEM DESIGN: NON RISING STEM; STYLE: INTEGRAL BONNET; DESIGN RATING: 500 BAR; TEMPERATURE RATING: 165 BAR AT 560 DEG C; REFERENCE NO: VKS11-500-32-13; SEMPELL; WELD ENDS 32 TO 66 MM	Each	12		
50	61013	TRAP, STEAM: TYPE: THERMOSTATIC/THERMODYNAMIC; CONNECTION: BW 3/4 IN; PRESSURE RATING: 70 BAR AT 450 DEG C; MATERIAL: AL/15M03 FORGED; REFERENCE NO: 5415 AI GSA; SIZE 15MM, PN100, GESTRA, TYPE BK28, INTERGRAL STRAINER, STAINLESS STEEL INTERNALS, TO DIN 2559 FORM 22; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	6		
51	695922	KIT: TYPE: SEAL; APPLICATION: ACTUATOR; 1 X POS.2/5/2 1-75-23275-304; O RING 189.99; 1 X POS 2/5/8 2-02-51031-000; PISTON OD 200 X ID 175 X 50; 1 X POS 2/5/11 1-02-47184-850 LIP OD 65 X ID 55 X ID; 2 X POS 2/5/12 1-02-48510-850; DEFLECTOR OD 63 X ID 55 X 7; 1 X POS 2/5/131-00-86111-850 GRINDIG RING OD 63 X ID 55 X 5; 1 X POS 2/5/20 1-75-23275-304	Each	24		
52	94354	SHEET, GASKET: THICKNESS: 6.4 MM; LENGTH: 1.2 M; WIDTH: 1.2 M; MATERIAL: RUBBER; SMOOTH; BLACK; DATE OF MANUFACTURE, SHELF LIFE	Each	12		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		AND STORAGE METHOD REQUIRED WITH DELIVERY				
53	143099	PACKING, PREFORMED: INSIDE DIAMETER: 365 MM; OUTSIDE DIAMETER: 410 MM; THICKNESS: 25 MM; TYPE: RING; MATERIAL: GRAPHITE PURE 98 PCT; SUPPL P/N: 25410365; LAMINATED, 400KGF/CM SQUARE RATED PRESSURE, FOR USE ON CASS HP HEATERS SELF SEALING CLOSURE, SEALS TO BE SUPPLIED ONLY, WITH MATERIAL CERTIFICATES, SHAPE: ROUND; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	12		
54	565468	GASKET, SPIRAL WOUND: INNER RING INSIDE DIAMETER: 514 MM; OUTER RING OUTSIDE DIAMETER: 542 MM; PRESSURE RATING: 20 MPA; FILLER MATERIAL: GRAPHITE; WINDING MATERIAL: STAINLESS STEEL; SHAPE: ROUND; THICKNESS: 5 MM; FOR HPH INSPECTION DOORS	Each	12		
55	197975	SHEET, GASKET: THICKNESS: 3 MM; LENGTH: 1.5 M; WIDTH: 1.5 M; MATERIAL: GRAPHITE; REFERENCE NO: V30011Z3IP; TENDER RETURNABLES: GASKET SPECIFICATION SHEET; ASME GASKET FACTORS: M≤2.5, Y≤2000 PSI	Each	20		
56	197973	SHEET, GASKET: THICKNESS: 1.5 MM; LENGTH: 1.5 M; WIDTH: 1.5 M; MATERIAL: GRAPHITE; REFERENCE NO: V15011Z3IP; SIGRAFLEX HOCHDRUCK; TENDER RETRUNABLE: GASKET SPECIFICATION SHEET; ASME GASKET FACTORS: M≤2.5, Y≤2000 PSI	Each	20		
57	34149	BEARING, SLEEVE: TYPE: JOURNAL; INSIDE DIAMETER: 240 MM; OUTSIDE DIAMETER: 430 MM; LENGTH: 485 MM; MATERIAL: STL; TOP, FOR SALWEIR CIRCULATING WATER PUMP	Each	20		
58	33248	BEARING, SLEEVE: TYPE: BOTTOM JOURNAL; INSIDE DIAMETER: 280 MM; OUTSIDE DIAMETER: 370 MM; LENGTH: 405 MM; MATERIAL: STL; FOR SALWEIR CIRCULATING WATER PUMP	Each	50		
59	34152	BEARING, SLEEVE: TYPE: CIRC WATER PUMP BUSH; INSIDE DIAMETER: 360 MM; OUTSIDE DIAMETER: 438.48 MM; LENGTH: 160 MM; MATERIAL: STL; TOP, SALWEIR	Each	50		

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60	34151	BEARING, SLEEVE: TYPE: JOURNAL; INSIDE DIAMETER: 370 MM; OUTSIDE DIAMETER: 448.53 MM; LENGTH: 190 MM; MATERIAL: STL; BOTTOM, FOR SALWEIR CIRCULATING WATER PUMP	Each	20		
61	34150	UNIT: TYPE: TILT; APPLICATION: THRUST PAD BEARING	Each	20		
62	177630	DIAPHRAGM: TYPE: TURBINE; DIMENSIONS: ID 665 MM X OD 2.435 M; MATERIAL: STL	Each	20		
63	94561	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 7 MM; BLACK, NOT RATED FOR SHORE HARDNESS, REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD, TO BE SUPPLIED IN ONE LENGTH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	30		
64	94306	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 6.3 MM; SHORE HARDNESS: 75 DEG; COLOUR: BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	30		
65	57362	NIPPLE, PIPE: TYPE: BARREL; INSIDE DIAMETER: 50 MM; LENGTH: 79 MM; CONNECTION: THD; MATERIAL: STL GALV; RATING: 4830 KPA; SPECIFICATION: SABS 763/62-1971 TABLE 9 FIG 3C	Each	30		
66	16853	TAPE, THREAD: TYPE: SEALING; WIDTH: 10 MM; MATERIAL: PTFE; COLOR: WHITE; REFERENCE NO: PTFE; WITHOUT DISPENSER; THK 0.075 MM	Each	30		
67	48537	RING, WEAR: INSIDE DIAMETER: 1.22 M; OUTSIDE DIAMETER: 1.33 M; THICKNESS: 95 MM; MATERIAL: CI BS 3468 15/6/2; APPLICATION: CASING; DRAWING NO: AD-400359 REV 1; TOP, FOR SALWEIR CIRCULATING WATER PUMP	Each	36		
68	614234	SEAL, MECHANICAL: TYPE: PUMP; SHAFT DIAMETER: 250 MM; BODY	Each			

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		MATERIAL: SS GR 316; APPLICATION: MAIN COOLING WATER PUMP; DRAWING NO: M/1586/-/3 REV 0; SEAL COMPLETE WITH SS 304 PUMP SLEEVE; ALL METAL PARTS SS 316; FACE RESIN IMPREGNATED CBN; SEAR CHROME OXIDE; ALL O-RINGS VITON SPRINGS HASTELLOY6'C'; GASKET KLINGER CAF; ALL BOLTS NUTS AND GRUB SCREWS SS 304; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).		<b>24</b>		
<b>69</b>	<b>177392</b>	BEARING, SLEEVE: TYPE: CW PUMP MOTOR JOURNAL; INSIDE DIAMETER: 220 MM; OUTSIDE DIAMETER: 348 MM; LENGTH: 390 MM; MATERIAL: STL; TOP WITH THRUST, NON-DRIVE END, ALSTOM	Each	<b>24</b>		
<b>70</b>	<b>34153</b>	BEARING, SLEEVE: TYPE: BUSH; INSIDE DIAMETER: 360 MM; OUTSIDE DIAMETER: 490 MM; LENGTH: 150 MM; MATERIAL: STL; TOP WITH THRUST, NON-DRIVE END, FOR USE ON G.E.C. CW PUMP MOTOR, MOTOR SPECIFICATIONS; 1700KW, 3300V, 328RPM, 361 AMP, FRAME SIZE; 1KV19045, BEARING SPECIFICATION; GLAZIER GENERAL ARRANGEMENT NUMBER BP1105, GLAZIER ITEM NUMBER 9, GALZIER BEARING NUMBER BP3229, MATERIAL TYPE; CAST STEEL BS3100GDA GREY CIGD220 TO BS1452, MATERIAL TYPE AND ULTRASONIC BONDING CERTIFICATES TO BE SUBMITTED ON DELIVERY EACH BEARING TO BE PROTECTIVE WRAPPED GLAZIER BRAND	Each	<b>24</b>		
<b>71</b>	<b>48661</b>	BEARING, SLEEVE: TYPE: JOURNAL; INSIDE DIAMETER: 300 MM; OUTSIDE DIAMETER: 400 MM; LENGTH: 180 MM; MATERIAL: STL GR 080M40 BS 970; BOTTOM WITHOUT THRUST, DRIVE END, FOR USE ON G.E.C. CW PUMP MOTOR, MOTOR SPECIFICATION; 1700KW, 3300V, 328RPM, 361AMP, FRAME SIZE; 1KV19045, SPECIFICATION; GLAZIER GENERAL ARRANGEMENT NUMBER BP1110, ITEM NUMBER 1, GLAZIER NUMBER BP1129, SG IRON SNG 27/12 BS 2789, MATERIAL TYPE AND ULTRASONIC BONDING CERTIFICATES TO BE SUBMITTED ON DELIVERY, EACH TO BE PROTECTIVE	Each	<b>30</b>		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		WRAPPED				
72	34140	BEARING, SLEEVE: TYPE: BOTTOM SPLIT WITHOUT THRUST; INSIDE DIAMETER: 398 MM; OUTSIDE DIAMETER: 470 MM; LENGTH: 136 MM; MATERIAL: STL; SPECIFICATION: BS 3100/1452; DRIVE END, FOR USE ON GEC CW PUMP MOTOR, MOTOR SPECIFICATION; 1700KW, 3300V, 328RPM, 361AMP, FRAME SIZE 1KV19045, GLAZIER GENERAL ARRANGEMENT NUMBER BP1110, GLAZIER ITEM NUMBER 4, GLAZIER NUMBER BP1132, MATERIAL TYPE; CAST STEEL GD A TO BS3100 OR CAST IRON GD220 TO BS1452, MATERIAL CERTIFICATES TO BE SUBMITTED ON DELIVERY, EACH TO BE PROTECTIVE WRAPPED, GLAZIER BRAND	Each	30		
73	22872	SCREW: TYPE: IP SHAFT GLAND; DIAMETER: 8 MM; LENGTH: 12 MM; THREAD: 1.25 MM; HEAD: ALLEN; MATERIAL: STEEL; STANDARD: DIN 912; OEM P/N: 2680-013; PAD, BEARING: TYPE THRUST, FFT: 1 EACH = 8 THRUST PADS FOR USE ON MATHER & PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP * MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT. ~PAD, BEARING: THRUST	Each	12		
74	248798	SEAL, MECHANICAL: TYPE: PUMP; SHAFT DIAMETER: 55 MM; BODY MATERIAL: CARBON/CERAMIC; APPLICATION: STATOR COOLANT; MANUF P/N: 310/76353/F07; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	28		
75	48351	LUBRICATOR: TYPE: OIL; CONNECTION: 13 MM FPT; MATERIAL: ALUMINIUM; SUPPL P/N: M.P.M.Z.; REFERENCE NO: 2-1-40; 65200/6425500 59/2; CN80-315 MV 101001; 101001; ALSO CONSTANT LEVEL OILER, FOR STATOR COOLANT PUMP ON 600MW TURBO GENERATOR	Each			
76	39920	FILTER, ELEMENT: DIMENSIONS: ID 27 MM X OD 63 MM X LG 1 M; MATERIAL: FIBER COMPRESSED; SUPPL P/N:	Each			

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		CUNO G78B2-4; FOR STATOR COOLANT SYSTEM ON TURBO GENERATOR, EVERY CARTRIDGE MUST BE INDIVIDUALLY WRAPPED WITH A PLASTIC WRAPPING TO PREVENT DIRT ACCUMILATION ON THE CARTRIDGE.CARTRIDGES SHOULD BE PACKED IN SETS OF 15 CARTRIDGE PER BOX		100		
77	611908	PUMP: TYPE: OIL; SIZE: DN80; PN16; CAPACITY: 216 L/MIN; SPEED: 1450 RPM; RATING: 10 BAR; DRIVER: ELECTRIC MOTOR 7.5 KW; CASING MATERIAL: CI; APPLICATION: AC SEAL OIL; OEM P/N: ACG060N7 NVBP; PUMP TO BE DELIVERED WITH THE FOLLOWING PUMP PERFORMANCE CURVES; PUMP SERVICING MANUAL; EXPLODED DRAWING AND SPARE PART LIST	Each	6		
78	206893	FILTER, ELEMENT: MATERIAL: STAINLESS STEEL; FILTERING RETENTION: 30 UM; SUPPL P/N: 2.66.9.520.750.8.250; CASING OF CANDLE MADE OF POLYAMID, USED ON THE BEARING OIL FILTERS	Each	100		
79	206896	FILTER, ELEMENT: MATERIAL: STAINLESS STEEL; FILTERING RETENTION: 20 UM; SUPPL P/N: 2.62.9.270.750.12.125; CASING OF CANDLE IS MADE OF POLYAMID, USED ON THE CONTROL OIL FILTERS	Each	72		
80	206895	FILTER, ELEMENT: MATERIAL: STAINLESS STEEL; FILTERING RETENTION: 30 UM; SUPPL P/N: 2.62.9.220.500.8.80; CASING OF CANDLE IS MADE OF POLYAMID, USED ON THE JACKING OIL FILTERS	Each	72		
81	206892	FILTER, ELEMENT: TYPE: CANDLE; MATERIAL: STAINLESS STEEL; FILTERING RETENTION: 30 UM; SUPPL P/N: 2.629.270.500GR12DN125; MATERIAL OF CASING: POLYAMID, USED ON BFPT LUB OIL FILTERS	Each	72		
82	206894	FILTER: MATERIAL: STAINLESS STEEL; MICRON: 20 UM; SUPPL P/N: 2.62.9.220.250GR08DN65; CASING OF CANDLE IS MADE OF POLYAMID, USED ON THE ON THE B.F.P.T CONTROL OIL ON THE HP OIL CIRCUIT	Each	72		
83	218733	FILTER, ELEMENT: TYPE: COALESCER CARTRIDGE; DIMENSIONS: ID 89 X OD 152 X LG 733 MM; MATERIAL: PAPER	Each			

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		PLEATED; FILTERING RETENTION: 10 UM; SUPPL P/N: A.4-727; FOR USE ON MAIN TURBINE AND BFPT COALESCER LUBE OIL PURIFIER SYSTEMS; CA28; MANUFACTURE NAME AND PART NUMBER TO BE MARKED ON END CAPS; ITEM TO BE PACKED AND SEALED IN PLASTIC BAGS AND CARTON; APPLICATION: LOP; PLEATED PAPER CORE; COMPOSED OF CELLULOSE PAPER AND FABRIC SUPPORT; COALESCER BED COMPOSED OF FIBREGLASS MATS AND SYNTHETIC SUPPORTING FABRIC WITH KNITTED OUTER SOCK		<b>72</b>		
<b>84</b>	<b>528998</b>	FILTER, OIL: TYPE: CARTRIDGE; DIMENSIONS: ID 89 X OD 152 X LG 733 MM; MATERIAL: HYDROPHOBIC MESH; MICRON: 25; APPLICATION: OIL PURIFIER; MANUF P/N: 60.644-727/D; FOR USE ON LOP SERIES OIL PURIFIERS; MANUFACTURES NAME AND PART NUMBER TO BE MARKED ON END CAPS; GREEN SUPPORTED BY METAL SCREEN	Each	<b>72</b>		
<b>85</b>	<b>105577</b>	TAPE, THREAD: TYPE: SEALING; WIDTH: 21 MM; MATERIAL: RUBBER; COLOR: BLACK; OEM P/N: 3581-006, OEM: GE STEAM POWER SERVICE; H-SHAPED SECTIONAL; THK 15 MM	Each	<b>72</b>		
<b>86</b>	<b>175296</b>	GASKET SET: APPLICATION: CHANGE OVER VALVE; CAT NO: 3-10938 POS 001; FOR LUBE OIL COOLER FOR MAIN TURBINE; GROUP 8710; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	<b>06</b>		
<b>87</b>	<b>93423</b>	KIT, PUMP REPAIR: TYPE: CONTROL OIL; COMPRISING: COUPLING PIN; SUPPL P/N: 866; DRAWING NO: 511274701 REV 1; MODEL NO: WKVM 100-4; COMPLETE WITH RUBBER, (10 PER SET), TO MAN DRAWING AND PARTS LIST 5147274702-04 OF MAN MANUAL VOLUME 16	Each	<b>12</b>		
<b>88</b>	<b>93422</b>	PIN: TYPE: AUXILIARY BOOSTER PUMP COUPLING; DIAMETER: 12 MM; LENGTH: 60 MM; MATERIAL: STL; SUPPL P/N: 866; DRAWING NO: 51173132.01 REV 1; CAT NO: 5147313202 E-05E; RUBBER, (10	Each	<b>24</b>		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		PER SET ), ETA 200-33 VL, MAN MANUAL VOLUME 16				
<b>89</b>	<b>235189</b>	PIN: DIAMETER: 12.8 MM; LENGTH: 88 MM; MATERIAL: STL; COUPLING AND SLEEVE ASSEMBLY INCLUDING A WASHER: 24 MM OD X 2 MM THK AND NUT: M8 NYLOC; USED ON THE TURBINE OIL PUMPS COUPLINGS	Each	<b>12</b>		
<b>90</b>	<b>44363</b>	BOLT, ASSEMBLY: TYPE: COUPLING; NOMINAL DIAMETER: 1/2 IN; LENGTH: 2-7/8 IN; HEAD: HEX; MATERIAL: STL; NUT QUANTITY: 1; SUPPL P/N: 12924P; MODEL NO: M/P100/200; REFERENCE NO: 204-174-582-200; COMPLETE WITH WASHER, RUBBER AND LOCK, TO BE SUPPLIED AND PACKED 8 PER SET; THREADS: 1.75MM	Each	<b>18</b>		
<b>91</b>	<b>235189</b>	PIN: DIAMETER: 12.8 MM; LENGTH: 88 MM; MATERIAL: STL; COUPLING AND SLEEVE ASSEMBLY INCLUDING A WASHER: 24 MM OD X 2 MM THK AND NUT: M8 NYLOC; USED ON THE TURBINE OIL PUMPS COUPLINGS	Each	<b>24</b>		
<b>92</b>	<b>160080</b>	COMPOUND: TYPE: PLASTIC STL; CONTAINER: CAN PLASTIC 500 G; PHYSICAL FORM: EPOXY PUTTY; REFERENCE NO: 10112; FOR REPAIRING CASTING, REBUILDING BROKEN MACHINERY AND FIXTURES, REF 10111 REQUIRED THE NEW STANDARD FOR RELIABILITY POINT 1 TO 16, CHEMECALs TO BE SUPPLIED WITH MSDS AND SECTION 12 (ECOLOGICAL INFORMATION OF THE MSDS TO BE COMPLETED IN DETAIL) WITH EVERY DELIVERY	Each	<b>30</b>		
<b>93</b>	<b>35131</b>	ROD, BRAZING: TYPE: EASY FLOW; DIAMETER: 1.5 MM; LENGTH: 600 MM; MATERIAL: SILVER ALLOY 50ZN16CU 15.5 PCT; CONTAINER: 1 KG; SUPPL P/N: W001056; 55; 5 PCT; (10) STICKS=100 G	Each	<b>18</b>		
<b>94</b>	<b>160266</b>	COMPOUND, SEALING: TYPE: GASKET/JOINT; COLOR: BLUE UNIVERSAL; CONTAINER: TUBE 100 G; MATERIAL: POLYESTER URETHANE; SUPPL P/N: PL32M; CLAUSE: 1: PLEASE ENSURE THAT SHELF LIFE HISTORY	Each	<b>30</b>		

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		AND EXPIRY DATES ARE DISPLAYED, 2: ITEMS SUBJECTED TO SHELF LIFE WILL NOT BE ACCEPTED TO ESKOM IF MORE THAN 25 PCT OF THE SHELF LIFE HAS ALREADY EXPIRED PRIOR TO DELIVERY; 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				
<b>95</b>	<b>135673</b>	ROD, INSULATION: SIZE: DIA 80 MM X LG 1 M; MATERIAL: NYLON; REFERENCE NO: 6SA; SHAPE: ROUND; SOLID; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	<b>10</b>		
<b>96</b>	<b>135678</b>	ROD, INSULATION: SIZE: DIA 50 X LG 250 MM; MATERIAL: TEFLON; SUPPL P/N: TEFLON50D; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	<b>6</b>		
<b>97</b>	<b>159839</b>	ABSORBENT: TYPE: OIL; FORM: FIBER LOOSE; CONTAINER CAPACITY: 10 KG; CONTAINER: BAG; SUPPL P/N: DRIZIT; REQUIRED A MATERIAL SAFETY DATA SHEET WITH EVERY DELIVERY	Each	<b>15</b>		
<b>98</b>	<b>94338</b>	SHEET, GASKET: THICKNESS: 3 MM; LENGTH: 2 M; WIDTH: 1.5 M; MATERIAL: KLINGERITE; SUPPL P/N: K80; TYPE PACKING, COLOUR BROWN	Each	<b>30</b>		
<b>99</b>	<b>247492</b>	SHEET, GASKET: THICKNESS: 1.5 MM; LENGTH: 2 M; WIDTH: 1.5 M; MATERIAL: NBR/WOOL MINERAL FIBER; SUPPL P/N: JMP 6000	Each	<b>30</b>		
<b>100</b>	<b>247493</b>	SHEET, GASKET: THICKNESS: 3 MM; LENGTH: 2 M; WIDTH: 1.5 M; MATERIAL: NBR/WOOL MINERAL FIBER; SUPPL P/N: JMP 6000	Each	<b>30</b>		
<b>101</b>	<b>210820</b>	SHEET, GASKET: THICKNESS: 0.8 MM; LENGTH: 10 M; WIDTH: 1 M; MATERIAL: VELLUMOID; SUPPLIER NOTE: EACH	Each	<b>30</b>		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		ROLL MUST BE SEALED IN A PLASTIC BAG AND CLEARLY MARKED				
<b>102</b>	<b>210819</b>	SHEET, GASKET: THICKNESS: 0.4 MM; LENGTH: 1 M; WIDTH: 1 M; MATERIAL: VELLUMOID; SUPPL P/N: STATITE; SUPPLIER NOTE: EACH ROLL TO BE SEALED IN A PLASTIC BAG AND CLEARLY MARKED	Each	<b>30</b>		
<b>103</b>	<b>16853</b>	TAPE, THREAD: TYPE: SEALING; WIDTH: 10 MM; MATERIAL: PTFE; COLOR: WHITE; REFERENCE NO: PTFE; WITHOUT DISPENSER; THK 0.075 MM	Each	<b>50</b>		
<b>104</b>	<b>101037</b>	PACKING, BULK: WIDTH: 19 MM; THICKNESS: 19 MM; MATERIAL: GRAPHITE/PTFE; APPLICATION: PUMP AND VALVE; MAX PRESSURE: 250 BAR; PH VALUE RANGE: 0-14; TEMPERATURE RANGE: -200 TO 280 DEG C; TYPE: THERMOFLON; SHAPE: SQ; SUPPL P/N: 6230; TO BE ASBESTOS FREE	Each	<b>30</b>		
<b>105</b>	<b>101036</b>	PACKING, BULK: WIDTH: 16 MM; THICKNESS: 16 MM; MATERIAL: GRAPHITE/PTFE; SHAPE: SQ; SUPPL P/N: 6230; TO BE ASBESTOS FREE	Each	<b>30</b>		
<b>106</b>	<b>198118</b>	PACKING, BULK: WIDTH: 10 MM; THICKNESS: 10 MM; TYPE: BRAIDED; SHAPE: SQ; SUPPL P/N: 6230; TO BE ASBESTOS FREE	Each	<b>30</b>		
<b>107</b>	<b>161230</b>	GREASE, INDUSTRIAL: TYPE: MULTI PURPOSE; TEMPERATURE RATING: -30 TO 120 DEG C; THICKENER: LITHIUM SOAP; VISCOSITY RATING: 180 AT 40 DEG C; COLOR: BROWN; CONTAINER: PAIL 15 KG; GRADE: NLGI 2; TRADE NAME: CASTROL SPHEEROL EP 2; CLASS: 2; ESKOM SPECIFICATION GGSS 0894, LUBE CODE GPG-2LEP, MATERIAL SAFETY DATA SHEETS THAT COMPLIES WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT'S REGULATIONS TO BE SUPPLIED, 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, CHEMICALS TO BE	Each	<b>15</b>		

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		SUPPLIED WITH MSDS AND SECTION 12 (ECOLOGICAL INFORMATION OF THE MSDS TO BE COMPLETED IN DETAIL) WITH EVERY DELIVERY				
<b>108</b>	<b>160076</b>	GREASE, INDUSTRIAL: TYPE: COUPLING; CONTAINER: CAN 2.265 KG; 5LB; TRADE NAME: KOP-FLEX KSG; SUPPL P/N: KOP FLEX K.S.G; STANDARD, KOP FLEX BRAND ONLY ACCEPTABLE	Each	<b>25</b>		
<b>109</b>	<b>20865</b>	COMPOUND, SEALING: TYPE: FERMIT; COLOR: BLK; CONTAINER: CAN 650 G; OEM P/N: 9710-159, OEM: GE STEAM POWER SERVICE; 9710-160, OEM: GE STEAM POWER SERVICE; CHEMICALS TO BE SUPPLIED WITH MSDS AND SECTION 12 (ECOLOGICAL INFORMATION OF THE MSDS TO BE COMPLETED IN DETAIL); THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	Each	<b>25</b>		
<b>110</b>	<b>160198</b>	COMPOUND, SEALING: TYPE: GENERAL PURPOSE; COLOR: CLEAR; CONTAINER: CARTRIDGE 310 ML; MATERIAL: SILICON; SUPPL P/N: 781; 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	Each	<b>50</b>		
<b>111</b>	<b>160100</b>	COMPOUND, SEALING: COLOR: WHITE; CONTAINER: CARTRIDGE 310 ML; MATERIAL: SILICON; SUPPL P/N: 797	Each	<b>30</b>		
<b>112</b>	<b>160096</b>	COMPOUND, SEALING: TYPE: GASKET; COLOR: RED; CONTAINER: CARTRIDGE 280 ML; MATERIAL: RUBBER SI; REFERENCE NO: RTV 736; HIGH TEMPERATURE SILASTIC SEALANT; 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	Each	<b>50</b>		
<b>113</b>	<b>160312</b>	ADHESIVE: TYPE: SUPERGLUE; CONTAINER: BOTTLE PLASTIC 20 G; PHYSICAL FORM: LIQUID;	Each	<b>30</b>		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		SUPERBONDER PLASTIC VINYL INSTANT; CYANOACRYLATE, EPDM 606, 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				
114	212746	OIL, INDUSTRIAL: CONTAINER: 210 L; FLASH POINT: 214 DEG C; TYPE: TURBINE; TRADE NAME: CASTROL PERFECTO THZ46; VISCOSITY RATING: 46 AT 40 DEG C; SUPPL P/N: PERFECTO THZ46; CHEMICALS TO BE SUPPLIED WITH MSDS AND SECTION 12 (ECOLOGICAL INFORMATION OF THE MSDS TO BE COMPLETED IN DETAIL) WITH EVERY DELIVERY	Each	25		
115	161793	SHEET: MATERIAL: PE; DIMENSIONS: WD 2 M X LG 30 M X THK 100 UM; TYPE: WRAPPING; COLOR: CLEAR; ROLL	Each	30		
116	187079	SOLVENT: TYPE: DEGREASER; CONTAINER: CONTAINER PLASTIC 25 L; HALOGENATED HYDROCARBON SOLVENT BLEND, 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, SMDS TO BE SUPPLIED AS PART OF THE TENDER, PURCHASED, 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	Each	30		
		SOLVENT: TYPE: EMULSION DEGREASER; CONTAINER: DRUM 25 L; COLOR: GREEN PAIL; TRADE NAME: SOLVEX; SUPPL P/N: ICE113; REFERENCE NO: 45011; ENGINE CLEANER IS A GENERAL-PURPOSE	Each			

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

117	157675	EMULSION DEGREASER APPROVED TO SABS 1216 TYPE1; MUST CONTAIN SELECT EMULSIFIER FOR THE REMOVAL OF OIL; GREASE; DIRT AND GRIME FROM METAL SURFACES; EITHER BY IMMERSION SPRAY OR BY HAND APPLICATION; (1) SOLVENT BASE; (2) DENSITY 20 C = 0.813; (3) PH(10PCT SOLUTION) = 8.7; (4) FLASH POINT C MINIMUM(IP303) = 43; 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 FALL UNDER TABLE 3 OF THE SAME REGULATIONS SHALL NOT BE USED WITHOUT THE PRIOR PERMISSION OF THE MEDICAL CENTRE AND SAFETY RISK; CHEMICALS SHALL BE BIODEGRADABLE AND OZONE FRIENDLY; A COPY OF THE MSDS FOR CHEMICALS		30		
118	256627	PACKING, BULK: WIDTH: 15.8 MM; THICKNESS: 15.8 MM; LENGTH: 12 M; MATERIAL: AERO DRUM MATERIAL ONLY, NON COMPRESSING; APPLICATION: PUMP MAXIMUM SHAFT SPEED 12 M/S; MAX PRESSURE: 56 BAR; TEMPERATURE RANGE: -40 TO 260 DEG C; TYPE: CARRIER; SHAPE: SQ; REFERENCE NO: STYLE 99	Each	50		
119	256623	PUTTY: TYPE: ROTATING; CONTAINER TYPE: BOX CARDBOARD; CONTAINER CAPACITY: 2 KG; COLOR: BLACK; APPLICATION: ASH PUMP; SUPPL P/N: 77HS; PRESSURE:56BAR, TEMPERATURE:260 DEG C IN PUMP, VALVES GLAND PACKING, AERO DRUM	Each	50		
120	48559	BEARING, SLEEVE: TYPE: BUSH; INSIDE DIAMETER: 115 MM; OUTSIDE DIAMETER: 135 MM; LENGTH: 95 MM; MATERIAL: RAILKO; SPECIFICATION: ISO 9001; SIZE: STD; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON	Each	40		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT				
121	48560	BEARING, SLEEVE: TYPE: BUSH; INSIDE DIAMETER: 120 MM; OUTSIDE DIAMETER: 140 MM; LENGTH: 170 MM; MATERIAL: RAILKO; SPECIFICATION: ISO 9001; SIZE: STD; SUPPL P/N: 18A; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	40		
122	48548	BEARING, SLEEVE: TYPE: BOTTOM; INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 95 MM; LENGTH: 115 MM; MATERIAL: RAILKO; SPECIFICATION: ISO 9001; SIZE: STD; MODEL NO: M/P 400/600; REFERENCE NO: 5630P/3 REV4; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	40		
123	48549	BEARING, SLEEVE: TYPE: TOP; INSIDE DIAMETER: 110 MM; OUTSIDE DIAMETER: 130 MM; LENGTH: 230 MM; MATERIAL: RAILKO; SPECIFICATION: ISO 9001; SIZE: STD; SUPPL P/N: 23A; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; TOR USE ON 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	40		
124	48542	IMPELLER, PUMP: TYPE: 1ST STAGE; MATERIAL: CR10SS; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	40		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

<b>125</b>	<b>48543</b>	IMPELLER, PUMP: TYPE: 2ND STAGE; DIAMETER: 360 MM; BORE: 190 MM; MATERIAL: CR10SS; THICKNESS: 100 MM; SHAFT SIZE: 43 MM; SUPPL P/N: 31A; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	<b>40</b>		
<b>126</b>	<b>48544</b>	IMPELLER, PUMP: TYPE: 3RD STG; DIAMETER: 580 MM; BORE: 95 MM; MATERIAL: CR10SS; SUPPL P/N: 31B; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	<b>40</b>		
<b>127</b>	<b>48539</b>	RING: TYPE: 1ST STG NECK; MATERIAL: AUS205; APPLICATION: PUMP; STYLE: ROUND; COLOR: UNCOATED; SUPPL P/N: 32; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP	Each	<b>40</b>		
<b>128</b>	<b>48540</b>	RING: TYPE: 2ND STG NECK; INSIDE DIAMETER: 360 MM; OUTSIDE DIAMETER: 500 MM; WIDTH: 52 MM; MATERIAL: CR10SS; APPLICATION: PUMP; STYLE: ROUND; COLOR: UNCOATED; SUPPL P/N: 32A; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP; MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>40</b>		

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

<b>129</b>	<b>48541</b>	RING: TYPE: 2ND STG NECK; INSIDE DIAMETER: 370.5 MM; OUTSIDE DIAMETER: 400 MM; WIDTH: 42 MM; MATERIAL: AUS205; APPLICATION: PUMP; STYLE: ROUND; COLOR: UNCOATED; SUPPL P/N: 32B; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP; MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>40</b>		
<b>130</b>	<b>91040</b>	NUT: TYPE: INNER SLEEVE; MATERIAL: STAINLESS STEEL; SPECIFICATION: ISO 9001; MATERIAL GRADE: 18/8; APPLICATION: CEP PUMP; SUPPL P/N: 64; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>40</b>		
<b>131</b>	<b>91041</b>	NUT: TYPE: OUTER SLEEVE; MATERIAL: SS GR 18/8; SUPPL P/N: 64A; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>40</b>		
<b>132</b>	<b>143493</b>	DIFFUSER: MATERIAL: SS GR 18/8; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Each	<b>30</b>		
<b>133</b>	<b>48568</b>	SHAFT, PUMP: LENGTH: 2.707 M; MATERIAL: EN19; NOMINAL DIAMETER: 106 MM; APPLICATION: CEP; SPECIFICATION: ISO 9001; COMPRISING: KEYS; TYPE: CEP; SUPPL P/N: 84; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL;	Each	<b>50</b>		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT				
<b>134</b>	<b>48562</b>	SLEEVE: TYPE: BEARING INTERMEDIATE SLEEVE; DIMENSIONS: ID 103 X OD 119.1 X LG 200 MM; MATERIAL: SS GR 18/8; APPLICATION: CEP PUMP; SUPPL P/N: 92B; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>50</b>		
<b>135</b>	<b>48558</b>	SLEEVE: TYPE: INTERMEDIATE BEARING STG 2/3; DIMENSIONS: ID 93 X OD 115 X LG 212 MM; MATERIAL: SS GR 18/8; APPLICATION: CEP PUMP; SPECIFICATION: ISO 9001; SUPPL P/N: 92A; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>48</b>		
<b>136</b>	<b>48557</b>	BEARING, SLEEVE: TYPE: INTERIM; INSIDE DIAMETER: 104 MM; OUTSIDE DIAMETER: 119.5 MM; LENGTH: 200 MM; MATERIAL: SS GR 18/8; SPECIFICATION: ISO 9001; SIZE: STD; SUPPL P/N: 92B; 5630P/3 REV4; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>50</b>		
<b>137</b>	<b>34685</b>	HOUSING, BEARING UNIT: TYPE: BOTTOM; MATERIAL: CI; SUPPL P/N: 103; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; MODEL NO: M/P 400-600; FOR USE ON MATHER AND PLATT CAISSON CONDENSATE EXTRACTION VERTICAL PUMP; MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT; SIZE 95MM ID X 110MM OD X 110MM HT	Each	<b>30</b>		
<b>138</b>	<b>48556</b>	COUPLING, SHAFT FLEXIBLE: TYPE: DRIVE; BORE DIAMETER: 90 MM; MATERIAL: GR EN57; SUPPL P/N: 897; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE	Each	<b>50</b>		

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		SUPPLIED WITH EVERY CONSIGNMENT; LG: 370MM; OD: 135MM				
<b>139</b>	<b>48550</b>	HOUSING, BEARING UNIT: TYPE: TOP; MATERIAL: CI; SHAPE: IREGULAR; SUPPL P/N: 103A; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT; SIZE 130MM ID X 150MM OD X 220MM HT	Each	<b>40</b>		
<b>140</b>	<b>48553</b>	BUSH, PUMP: TYPE: LEAK OFF; PUMP SIZE: 600 X 400 MM; MATERIAL: AUS205; SPECIFICATION: ISO 9001; SUPPL P/N: 402; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>50</b>		
<b>141</b>	<b>48552</b>	SLEEVE, SHAFT: TYPE: BOTTOM; INSIDE DIAMETER: 101 MM; OUTSIDE DIAMETER: 120 MM; LENGTH: 180 MM; MATERIAL: STAINLESS STEEL; GRADE: 18/8; SPECIFICATION: ISO 9001; SUPPL P/N: 429; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>30</b>		
<b>142</b>	<b>48545</b>	RING, WEAR: INSIDE DIAMETER: 340.5 MM; OUTSIDE DIAMETER: 360.5 MM; THICKNESS: 40 MM; MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; GRADE: 18/8; SPECIFICATION: ISO 9001; SUPPL P/N: 462; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>50</b>		
<b>143</b>	<b>48546</b>	RING, WEAR: INSIDE DIAMETER: 402 MM; OUTSIDE DIAMETER: 425 MM; THICKNESS: 40 MM; MATERIAL: STL;	Each			

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

		APPLICATION: PUMP; GRADE: 18/8; SPECIFICATION: ISO 9001; SUPPL P/N: 462A; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT		<b>50</b>		
<b>144</b>	<b>48563</b>	SLEEVE, SHAFT: TYPE: DISTANCE; INSIDE DIAMETER: 90 MM; OUTSIDE DIAMETER: 109.5 MM; LENGTH: 315 MM; MATERIAL: STAINLESS STEEL; GRADE: 18/8; SPECIFICATION: ISO 9001; SUPPL P/N: 514; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>50</b>		
<b>145</b>	<b>48561</b>	SLEEVE, SHAFT: TYPE: DISTANCE; INSIDE DIAMETER: 89.2 MM; OUTSIDE DIAMETER: 109.4 MM; LENGTH: 315 MM; MATERIAL: STAINLESS STEEL; GRADE: 18/8; SPECIFICATION: ISO 9001; SUPPL P/N: 5630P/3 REV4; 514A; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>50</b>		
<b>146</b>	<b>48554</b>	BUSH, PUMP: TYPE: GLAND; DIMENSIONS: ID 120 X OD 160 X LG 92 MM; PUMP SIZE: 600 X 400 MM; MATERIAL: AUS205; SPECIFICATION: ISO 9001; SUPPL P/N: 540; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>40</b>		
<b>147</b>	<b>48565</b>	SLEEVE: TYPE: TAPER; DIMENSIONS: ID 94.5 X OD 134.5 X LG 35 MM; MATERIAL: SS GR 18/8; APPLICATION: PUMP; SPECIFICATION: ISO 9001; SUPPL P/N: 684A; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>50</b>		

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

<b>148</b>	<b>48547</b>	SLEEVE: TYPE: BEARING; DIMENSIONS: ID 55 X OD 75 X LG 116 MM; MATERIAL: SS GR 18/8; APPLICATION: PUMP; SPECIFICATION: ISO 9001; SUPPL P/N: 718; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMEN	Each	<b>50</b>	
<b>149</b>	<b>48551</b>	SLEEVE, SHAFT: TYPE: GLAND; INSIDE DIAMETER: 101 MM; OUTSIDE DIAMETER: 120 MM; LENGTH: 220 MM; MATERIAL: STL; GRADE: 18/8; SPECIFICATION: ISO 9001; SUPPL P/N: 772; DRAWING NO: 5630P/3 REV 1; 5630P/3 REV4 REV 1; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>50</b>	
<b>150</b>	<b>143492</b>	PUMP: TYPE: EXTRACTION; SUPPL P/N: 810; DRAWING NO: 5630P/3 REV4 REV 1; 5630P/3 REV 1; BELLMOUTH FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>30</b>	
<b>151</b>	<b>143491</b>	PUMP: TYPE: CAISSON CONDENSATE EXTRACTION; SUPPL P/N: 810A; DRAWING NO: 5630P/3 REV4 REV 1; MODEL NO: 400/600; BELLMOUTH TOP HALF; VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>30</b>	
<b>152</b>	<b>48557</b>	BEARING, SLEEVE: TYPE: INTERIM; INSIDE DIAMETER: 104 MM; OUTSIDE DIAMETER: 119.5 MM; LENGTH: 200 MM; MATERIAL: SS GR 18/8; SPECIFICATION: ISO 9001; SIZE: STD; SUPPL P/N: 92B; 5630P/3 REV4; MODEL NO: M/P 400/600; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDESATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	<b>40</b>	

## SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

153	48567	PAD, BEARING: TYPE: CEP THRUST 12/SET; DIMENSIONS: THK 16 MM; MATERIAL: STL/WHITE METAL; MODEL NO: M/P400/600; REFERENCE NO: 565OP-3; SLT8; THRUST; 1 EACH = 1 SET CONSISTING OF TWELVE THRUST PADS; FOR USE ON MATHER AND PLATT CAISSON CONDENSATE EXTRACTION VERTICAL PUMP; MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	42		
154	48385	HOUSING, BEARING UNIT: MATERIAL: CI; REFERENCE NO: PUMP BRG HOUSING #103; SUPPL P/N: 103; PUMP SHAFT; DEL BOTTOM; COMPLETE WITH RAILKO BUSHES DEL; SIZE 95MM ID X 140MM OD X 108MM HT	Each	30		
155	23118	SLEEVE, SHAFT: TYPE: TURBINE; INSIDE DIAMETER: 47.8 MM; OUTSIDE DIAMETER: 59 MM; LENGTH: 88 MM; MATERIAL: WHITE METAL	Each	42		
156	48385	HOUSING, BEARING UNIT: MATERIAL: CI; REFERENCE NO: PUMP BRG HOUSING #103; SUPPL P/N: 103; PUMP SHAFT; DEL BOTTOM; COMPLETE WITH RAILKO BUSHES DEL; SIZE 95MM ID X 140MM OD X 108MM HT	Each	30		
157	94562	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 9 MM; BLACK, NOT RATED FOR SHORE HARDNESS	Each	100		
158	94561	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 7 MM; REFERENCE NO: R270A11119-10R270A11119-11; BLACK, NOT RATED FOR SHORE HARDNESS, REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD, TO BE SUPPLIED IN ONE LENGTH	Each	100		
159	177109	COLLAR: TYPE: THRUST; FOR USE ON MATHER AND PLATT 400/600 CAISSON CONDENSATE EXTRACTION VERTICAL PUMP, MATERIAL CERTIFICATES TO BE SUPPLIED WITH EVERY CONSIGNMENT	Each	30		
160	94231	O RING: INSIDE DIAMETER: 4.7 MM; MATERIAL: NEOPRENE SOLID; COLOR: BLACK; NATURAL	Each	50		

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

<p><b>161</b></p>	<p><b>667154</b></p>	<p>SEAL, MECHANICAL: TYPE: DOUBLE CARTRIDGE MOUNTED; SHAFT DIAMETER: 120 MM; BODY MATERIAL: SS 329; APPLICATION: CONDENSATE PUMP; REFERENCE NO: GA-183035; SB25; FACE MATERIAL SILICON CABRIDGE; AXIAL FLOAT + DOWN 2.5 MM AND UP 5 MM; DEPTH 56.9 MM; OD 159.8</p>	<p>Each</p>	<p><b>42</b></p>		
<p><b>162</b></p>	<p><b>48839</b></p>	<p>IMPELLER, PUMP: TYPE: SUCTION STG; DIAMETER: 310 MM; BORE: 124 MM; MATERIAL: STL; THICKNESS: 130 MM; SHAFT SIZE: 125 MM; SUPPL P/N: 231-01; MODEL NO: HPTPK32; REFERENCE NO: 104-136-362-002; 190MM INLET; FOR USE ON SULZER ELECTRIC FEED PUMP</p>	<p>Each</p>	<p><b>30</b></p>		

The total of the Prices R201 879 563,46

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

## PART 3: SCOPE OF WORK

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## C3.1: PURCHASER’S GOODS INFORMATION

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SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

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SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

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

- Supply and Delivery of Turbine Miscellaneous Spares at Matla Power Station - Main Stores on an "as and when required" basis.

## 2 Specification and description of the *goods*

- As per full technical specification given on Goods Information / Price schedule Specifications (include Environmental specification) and drawing Numbers (where applicable).The *Supplier* implements a quality system and maintains the quality system until the delivery of all consumables. The system will be to the *Purchaser's* satisfaction and will be accepted prior to the signing of the *contract*. The *Supplier* will be subject to periodic audits by the *Purchaser* in order to ensure compliance with the system. Any deviations will be corrected to the *Purchaser's* satisfaction.

### Packaging / Crating

- The *Supplier* shall be responsible for the packaging of all Spares delivered to Matla Power Station – Main Stores.
- All the spares supplied *shall* be individually wrapped as per the Matla Commercial Stock Preservation and Management procedure

### Delivery to Site

- The *Supplier* shall be responsible for the transportation of all Spares delivered to Matla Power Station – Main Stores.
- Ownership will only be transferred to the *Purchaser* upon payment

### Supply before award of contract

The *Supplier* will provide the following before the contract is awarded:

- Material Certificates to be provided by the *Supplier* upon delivery

### 2.1 *Purchaser's* design

- As per OEM. Material specifications, quality control plan, welding procedures, consumable, non-destructive testing, and post weld heat treatment certificates to be supplied with delivery by the supplier

### 2.2 Procedure for submission and acceptance of *Supplier's* design

- Before the *Supplier* can deliver must insure that it's the correct spares. The *Supplier* will still be liable to supply the correct spares that will precisely be applicable to the Bearings, Plummer Blocks & Sleeves Spares Eskom plant standards

### 2.3 Other requirements of the *Supplier's* design

- As per OEM and *Purchaser's* specifications

SUPPLY AND DELIVERY OF TURBINE MISCELLANEOUS SPARES ON AN "AS AND WHEN REQUIRED" BASIS AT MATLA POWER STATION FOR A PERIOD OF 5 YEARS

## 2.4 Use of *Supplier's* design

- As per OEM and *Purchaser's* specifications

## 2.5 Manufacture & fabrication

- As per OEM. *Supplier* will be required to provide data sheets for all manufactured spares and also provide the pressure testing certificate and material certificates where applicable. Certificates will then be the property of the *Purchaser*. As per OEM and *Purchaser's* specifications and drawings

## 2.6 Factory acceptance testing (FAT)

QC to be done with the end user before and after delivery. *Supplier* will be required to provide data sheets for all manufactured spares and also provide the relevant certification as mentioned in the technical specifications above

## 2.7 Other tests and inspections and commissioning in place of use

- All relevant required certificates and test reports to be supplied.
- Additional testing (NDE) by the *Purchaser* as and when required

## 2.8 Operating manuals and maintenance schedules

- Not Applicable

# 3 Supply Requirements

- The Supply and Delivery of Turbine Miscellaneous Spares.
- Requests for delivery will be made on a contract release order starting with a 45 number
- All equipment / spares must be on time of required order date
- Transported by road on suppliers 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 except on an emergency basis indicated by the *Purchaser*
- The *Supplier* must deliver the components between 08:30 to 15:30 Mondays to Thursdays and 8:30 to 11:30 on Fridays .No deliveries to be done on weekends unless prior arrangements done with the *Supplier, Purchaser* and stores
- Pallets to convey the batch must be strong enough to carry and transport load at anytime

Batches to be clearly marked and packed according to the required specifications

The Supply Requirements for this contract are in an Annexure to the Contract Data provided by the *Purchaser*.

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## 4 Specification of the *services* to be provided

- Access to site to be arranged before delivery date
- No Delivery will be accepted without an official contract release order
- Supplier delivery note must indicate partial delivery if partial delivery is made
- The stock number, quantity and material short description must be stated on the delivery note
- Each delivery to be recorded on receiving register and each delivery note must have unique number
- Spares must be well packaged and safely transported

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

### 5.1 Programming constraints

- All equipment / spares must be on time of required order date
- End user to be informed when delivery will be done at least 2 days after the Purchase Order release and send to the supplier.
- Lead time should be included when tendering.

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

- All equipment / spares must be on time of required order date
- Transported by road on suppliers costs and transport
- The *Purchaser* to acknowledge receipt of goods by stamping and signing the delivery note of the *Supplier* upon delivery, rejected items to be communicated after the official quality inspection is done on site by the end user of the spares rejected must be collected and the correct supplied within 7 days
- Only spares specified will be accepted. Any spares that does not meet the specifications will be rejected

### 5.3 Marking the *goods*

Batches to be clearly mark and packed according to the required specifications as follows:

- Name of *Supplier*
- Purchase order number
- Material number
- Serial / part number
- Quantity delivered
- And each Component must have a unique identification linked to the relevant *Supplier*
- Short description

Supply and marking of the components shall be done as per the table below.

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

- *Supplier* to have the correct access to site approved
- End user will determine the offloading point at time
- Forklift with driver will be supplied for offloading

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- Pallets to convey the batch must be strong enough to carry and transport load at anytime
- Supplier might not be the only supplier delivering on that day and has to wait for assistance

**5.5 Cooperating with Others**

- Co-operation with others will be from time to time and on a as and when required basis on request by the *Purchaser*

**5.6 Services & other things to be provided by the *Purchaser* or *Supplier***

- The *Purchaser* will determine the offloading point at time
- The *Purchaser* will provide resources to offload the spares being delivered (Forklift and cranes)
- The *Supplier* will offload small spares

Number	Title	Issued by
Act 85 of 93	Occupational Health and Safety Act	<i>Supplier</i>

**5.7 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	TBC	TBA	TBC
Overall contract progress and feedback	TBC	TBA	<i>Purchaser and Contractor</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.

**5.8 Documentation control**

- Each instruction, certificate, submission, proposal, record, acceptance, notification, reply and other communication which this contract requires is 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 in to the *Purchaser*
- All communications must be printed and filed in the *Purchaser* file

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## 5.9 Health and safety risk management

The *Supplier* shall comply with the health and safety requirements contained in Annexure SHE Specification 14RISK SRM – 084 to this Service Information.

- All The *Purchaser's* health and safety procedures and regulations to be adhered to by the *Supplier*

## 5.10 Environmental Constrains and Management

Describe or cross refer to environmental constraints applicable to the *Supplier's* design of the *goods* if not already included in the *Purchaser's* URS.

The *Supplier* shall comply with the environmental criteria and constraints [stated here or contained in Annexure \_\_\_\_\_ ]

## 5.11 Quality

Specify minimum requirements for the *Supplier's* Quality Plan and Work Procedures if required and not already covered in the specifications for the *goods*. State whether ISO compliance is a condition and if so which ISO standard shall apply.

## 5.12 Invoicing and payment

List the information that is to be shown by the *Supplier* on his invoices. State any other requirements relating to payment. For example:

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;
- (add other as required)

Add procedures for invoice submission and payment (e. g. electronic payment instructions)

## 5.13 Insurance provided by the Purchaser

First read SC3 Core Clause 84.1 and then add anything necessary for the management of insurance related issues such as a cross reference to where procedures for making claims can be found. Also provide contact details for persons capable of being able to answer any insurance related queries the *Supplier* may have, as well as to whom the information required by any Marine Insurance may be addressed.

## 5.14 Contract change management

This section is intended to deal with any additional requirements to the compensation event clauses in section 6 of the core clauses; such as the use of standard forms. Not the same thing as documentation control.

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### 5.15 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.

### 5.16 Records of Defined Cost, payments & assessments of compensation events to be kept by the supplier

Read clause 63.2 and 11.2(4) and then state whether the *Supplier* is required to keep any records of Defined Cost. Include any other constraint which may be required in regard to format and filing of the records, and whether access for the *Supply Manager* shall be provided in hard copy or electronically.

## 6 Procurement

### 6.1 Subcontracting

#### 6.1.1 Preferred subcontractors

- Subcontracting will be approved by the *Supply Manager* if it is required to do subcontracting or as per SDL&I requirements

#### 6.1.2 Limitations on subcontracting

- Subcontracting will be approved by the *Supply Manager* if it is required to do subcontracting or as per SDL&I requirements

#### 6.1.3 Spares and consumables

- Not Applicable

#### 6.1.4 Other requirements related to procurement

- To be communicated with *Supply Manager*

#### 6.1.5 Cataloguing requirements by the *Supplier*

- To be communicated with *Supply Manager*

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**7 List of drawings**

**7.1 Drawings issued by the Purchaser**

As per OEM specifications and *Purchaser* drawings

**8 X17 - Low performance damages**

<b>X17.1 SERVICE LEVEL TABLE</b>			
<b>No</b>	<b>DESRICPTION OF TASK</b>	<b>QUALITY OF PERFORMANCE REASON FOR DAMAGES</b>	<b>DAMAGES TO BE IMPLEMENTED</b>
1	On time delivery	All deliveries to be delivered as per agreed lead time stated on order number	2 % of order value for one day late and 5% for more than one day
2	Packing and preliminary marking of goods before delivery	All items must be wrapped with clear, plastic, bubble wrap that is clear or be placed inside cardboards for preservations purposes The marking should be as follows Name of Supplier, Purchase order number, Part number and delivery date	2 % of order value

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### **C3.2 SUPPLIER'S GOODS INFORMATION**

- As per OEM specifications
  - All relevant documentation to be handed in as requested from *Purchaser / Supply Manager*
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