



## NEC3 Supply Contract (SC3)

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

**and**

**for SUPPLY AND DELIVERY OF LONG LINE  
PROTECTION AND ACTUATORS SPARES ON AN AS  
AND WHEN REQUIRED BASIS FOR THE PERIOD OF  
FIVE (5) YEARS AT MAJUBA POWER STATION**

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

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## C1.1 Form of Offer & Acceptance

### Offer

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

#### **SUPPLY AND DELIVERY OF LONG LINE PROTECTION AND ACTUATORS SPARES ON AN AS AND WHEN REQUIRED BASIS FOR THE PERIOD OF FIVE (5) YEARS AT MAJUBA POWER STATION**

The tenderer, identified in the Offer signature block, has 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.

By the representative of the tenderer, deemed to be duly authorized, 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>Rates Only</b>
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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 organization)*

Name &  
signature of  
witness

Date

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

## Acceptance

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

The terms of the contract, are contained in:

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

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

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

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

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

Signature	
Names(s)	
Capacity	
Data	
For the Employer	MAJUBA POWER STATION PRIVATE BAG X72727 WITBANK 1035
Name of witness	
Signature of witness	

**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	<b>Not Applicable</b>	

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.

Signature		Signature	
Names(s)		Names(s)	
Capacity		Capacity	Power Station General Manager
Data		Data	
On behalf of		For the Employer	MAJUBA POWER STATION PRIVATE BAG X72727 WITBANK 1035
Name of witness		Name of witness	
Signature of witness		Signature of witness	

C1.2 SC3 Contract Data

Part one - Data provided by the Purchaser

Clause	Statement	Data
1	General	
	The conditions of contract are the core clauses and the clauses for Options	
		X1: Price adjustment for inflation
		X2: Changes in the law
		X7: Delay damages
		Z: Additional conditions of contract
	of the NEC3 Supply Contract (April 2013) 1	(If the December 2009 edition is to be used delete April 2013 and replace by December 2013)
10.1	The Purchaser is (name):	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
	Address	Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg
10.1	The Supply Manager is (name):	Sipho Majola
	Address	Eskom Holdings SOC Limited, Majuba Power Station, Private Bag 9001, Volksrust, 2470
	Tel	017 799 3594
	e-mail	MajolaSi@eskom.co.za
11.2(13)	The goods are	The supply and delivery of Long line protection and Actuators Spares on an 'as and when' required basis
11.2(13)	The services are	The supply and delivery to Majuba Power Station on an 'as and when' required basis
11.2(14)	The following matters will be included in the Risk Register	Delivery Delays A Risk Register is to be maintained throughout the contract period
11.2(15)	The Goods Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.

11.2(15) The Supply Requirements as part of the Annexure A to this Contract Data  
Goods Information is in

12.2	The law of the contract is the law of	the Republic of South Africa
13.1	The language of this contract is	English
13.3	The period for reply is	Five [5] working days
2	The Supplier's main responsibilities	Data required by this section of the core clauses is provided by the Supplier in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.
3	Time	
30.1	The starting date is.	01 January 2026
30.1	The delivery date of the goods and services is:	14 days after receipt of Task Order, subject to stock availability. In the event that stock is not available an additional 7-14 days to deliver.
		The contract will be for a period of 60 months extending to 30 January 2031
		The Supplier is to meet the Quality requirements within three [3] months of contract placement
30.2	The Supplier does not bring the goods to the Delivery Place more than one week before the Delivery Date.	Unless on request
4	Testing and defects	
42	The defects date is	One [1] week after Delivery.
43.2	The defect correction period is	Four [4] weeks
42.2	The defects access period is	Defected spare will not be accepted
5	Payment	
50.1	The assessment interval is	Assessment will be done after every delivery
51.1	The currency of this contract is the	South African Rand
51.2	The period within which payments are made is	Sixty [60] days.
51.4	The interest rate is	the publicly quoted prime rate of interest (calculated on a 365 day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and  (ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption "Money Rates" in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by

the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted mutatis mutandis every 6 months thereafter and as certified, in the event of any dispute, by any manager employed in the foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.

6	Compensation events	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
7	Title	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional Purchaser's risks	1. Offloading of Goods 2. Industrial Action to excluding Supplier's personnel 3. Above average rainfall 4. In the event of Community strikes, a risk assessment must be done by the supplier e.g. alternative routes
88.1	The Supplier's liability to the Purchaser for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	R0.0 (zero Rand)
88.2	For any one event, the Supplier's liability to the Purchaser for loss of or damage to the Purchaser's property is limited to	(1) for the Purchaser's existing and surrounding property in the care, custody and control of the Supplier the amount of the deductible (first amount payable) relevant to the event and  (2) for all other existing Purchaser's property the applicable deductible as at contract date
88.4	The Supplier's total liability to the Purchaser, for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	the total of the Prices
88.5	The end of liability date is	A 12-month warranty on the spares supplied will be provided on condition that the Purchaser stores, installs, and maintains them correctly, however fair wear and tear will be excluded. This would also cover the spares supplied at the end of the contract period for 12 months after delivery



9	Termination and dispute resolution			
94.1	The Adjudicator is	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 www.ice-sa.org.za). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).		
94.2(3)	The Adjudicator nominating body is:	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See www.ice-sa.org.za)		
94.4(2)	The tribunal is:	arbitration		
94.4(5)	The arbitration procedure is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.		
94.4(5)	The place where arbitration is to be held is	South Africa		
	The person or organization who will choose an arbitrator			
	- if the Parties cannot agree a choice or	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.		
	- if the arbitration procedure does not state who selects an arbitrator, is			
10	Data for Option clauses			
X1	Price adjustment for inflation			
X1.1	The base date for indices is			
	The proportions used to calculate the annual Price Adjustment Factor are:	proportion	linked to index for	Index prepared by
		0.65	Material - Table G-1 : Electrical engineering	SEIFSA
		0.20	Transport - Table L2-(B) : Road Freight Costs	SEIFSA
		0.15	non-adjustable	
		1.00		
X2	Changes in the law			
X2.1	A change in the law of	South Africa is a compensation event if it occurs after the Contract Date		
X7	Delay damages			
X7.1	Delay damages for Delivery are	Delivery of	amount per day	
		Task Order Spares	0.% of the order value	
Z	The additional conditions of contract are			
		Z1 to Z15 always apply for Eskom		

**Z1** Cession delegation and assignment

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

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

**Z2** Joint ventures

Z2.1 If the Supplier constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organizations then these persons or organizations 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 organizations notify the Supply Manager within two weeks of the Contract Date of the key person who has the authority to bind the Supplier on their behalf.

Z2.3 The Supplier does not alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the Purchaser having been given to the Supplier in writing.

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

Z3.1 Where a change in the Supplier's legal status, ownership or any other change to his business composition or business dealings results in a change to the Supplier's B-BBEE status, the Supplier notifies the Purchaser within seven days of the change.

Z3.2 The Supplier is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the Supply Manager within thirty days of the notification or as otherwise instructed by the Supply Manager.

Z3.3 Where, as a result, the Supplier's B-BBEE status has decreased since the Contract Date the Purchaser may either re-negotiate this contract or alternatively, terminate the Supplier's obligation to Provide the Goods and Services.

Z3.4 Failure by the Supplier to notify the Purchaser of a change in its B-BBEE status may constitute a reason for termination. If the Purchaser terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

**Z4** Confidentiality

Z4.1 The *Supplier* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Supplier*, enters the public domain or to information which was already in the possession of the *Supplier* at the time of disclosure (evidenced by written records in existence at that time). Should the *Supplier* disclose information to Others in terms of clause 23.1, the *Supplier* ensures that the provisions of this clause are complied with by the recipient.

Z4.2 If the *Supplier* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Supply Manager*.

- Z4.3 In the event that the *Supplier* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Supplier*, to the extent permitted by law prior to disclosure, notifies the *Purchaser* so that an appropriate protection order and/or any other action can be taken, if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the *Supplier* may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.
- Z4.4 The taking of images (whether photographs, video footage or otherwise) of the goods or any portion thereof, in the course of Providing the Goods and Services and after Delivery, requires the prior written consent of the Supply Manager. All rights in and to all such images vests exclusively in the Purchaser.
- Z4.5 The Supplier ensures that all his subcontractors abide by the undertakings in this clause.
- Z5 Waiver and estoppel: Add to core clause 12.3:
- Z5.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the Supply Manager or the Adjudicator does not constitute a waiver of rights, and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.
- Z6 Health, safety and the environment: Add to core clause 25.4
- Z6.1 The Supplier undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the provision of the goods and execution of the services.
- Without limitation the Supplier:
- warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with all applicable health & safety laws and regulations and the health and safety rules, guidelines and procedures provided for in this contract and generally for the proper maintenance of health & safety in and about the execution of supply and
  - undertakes, in and about the execution of the supply, to comply with all applicable health & safety laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the Supplier's direction and control, likewise observe and comply with the foregoing.
- Z6.2 The Supplier, in and about the execution of the supply, complies with all applicable environmental laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the Supplier's direction and control, likewise observe and comply with the foregoing.
- Z7 Provision of a Tax Invoice and interest. Add to core clause 51
- Z7.1 Within one week of receiving a payment certificate from the Supply Manager in terms of core clause 51.1, the Supplier provides the Purchaser with a tax invoice in accordance with the Purchaser's procedures stated in the Goods Information, showing the amount due for payment equal to that stated in the payment certificate.
- Z7.2 If the Supplier does not provide a tax invoice in the form and by the time required by this contract, the time by when the Purchaser is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice. Interest due by the Purchaser in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.
- Z7.3 The Supplier (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the Purchaser's VAT number 4740101508 on each invoice he submits for payment.

Z8 Notifying compensation events

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

Z9 Purchaser's limitation of liability

- Z9.1 The Purchaser's liability to the Supplier for the Supplier's indirect or consequential loss is limited to R0.00 (zero Rand)

- Z9.2 The Supplier's entitlement under the indemnity in 83.1 is provided for in 60.1(12) and the Purchaser's liability under the indemnity is limited.

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

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

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

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

Z12 Ethics

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

Affected Party	means, as the context requires, any party, irrespective of whether it is the Supplier or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all of these parties' relatives or friends,
Coercive Action	means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
Collusive Action	means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,
Committing Party	means, as the context requires, the Supplier, or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
Corrupt Action	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,
Fraudulent Action	means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,
Obstructive Action	means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an investigation into allegations of Prohibited Action, and
Prohibited	means any one or more of a Coercive Action, Collusive Action Corrupt Action,

## Action Fraudulent Action or Obstructive Action.

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

## Z13 Insurance

## Z \_\_13.1 Replace core clause 84 with the following:

## Insurance cover 84

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

INSURANCE TABLE A

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

connection with this contract	
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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

Insurance against or name of policy	Minimum amount of cover or minimum indemnity
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

The Supply Requirements for this contract are as follows:  
[INCOTERMS do not apply].

1. The requirements for the supply are	Constraints (see clause 11.2 (5)) <ul style="list-style-type: none"> <li>No compensation is payable if the Supplier arrives on site without prior arrangement with the Purchaser.</li> <li>All goods shall be delivered to the Main stores</li> <li>The Purchaser has the right to refuse acceptance of any spares supplied which in the opinion of Purchaser, does not meet the requirements specified and will have a detrimental effect on equipment/plant performance.</li> <li>The Supplier ensures that all items to be supplied are to the standard and quality accepted by the Purchaser and ensures that they are suitable for the purpose intended for by the manufacturer.</li> <li>Material certificates will be submitted with all the spares delivered, if material certificate are not supplied with the delivery, the delivered items will not be accepted.</li> <li>The Supplier shall have no claim against the Purchaser in respect of delay due to the above constraints.</li> </ul>	
2. The requirements for transport are	Supplier is responsible for transporting the goods to the delivery place.	
3. The delivery place is	Majuba Power Station - Main Stores	
4. Actions of the Parties during supply	Action	Party which does it
	Giving notice of Delivery	Supplier
	Checking packing and marking before dispatch	Supplier
	Contracting for transport	Supplier
	Pay costs of transport	Supplier
	Arrange access to delivery place	Purchaser
	Loading the goods	Supplier
	Unloading the goods	Purchaser/Supplier
5. Information to be provided by the Supplier	Title of document	

[Revise and complete as required]

All other information NOT pertinent to the above is given in the

**C1.2 Contract Data**

## Part two - Data provided by the Supplier

Clause	Statement	Data				
10.1	The Supplier is (Name):  Address  Tel No.					
11.2(11)	The tendered total of the Prices is	Rates Only				
11.2(12)	The price schedule is in:	ZAR				
30.1	The delivery date of the goods and services is:	<table><tr><th>goods and services</th><th>delivery date</th></tr><tr><td>1 All items</td><td>14 days</td></tr></table>	goods and services	delivery date	1 All items	14 days
goods and services	delivery date					
1 All items	14 days					
63.2	The percentage for overheads and profit added to the Defined Cost is	0%				



PART 2: PRICING DATA

Document reference	Title	No of pages
C2.1	Pricing assumptions	
C2.2	The price schedule	1

## C2.1 Pricing assumptions

### How goods and services are priced and assessed for payment

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

<b>Identified and defined terms</b>	11	
	11.2	(11) The Prices are the amounts stated in the price column of the Price Schedule. Where a quantity is stated for an item in the Price Schedule, the Price is calculated by multiplying the quantity by the rate.
		(12) The Price Schedule is the <i>price schedule</i> unless later changed in accordance with this contract.
<b>Assessing the amount due</b>	50.2	The amount due is
		the Price for each lump sum item in the Price Schedule which the <i>Supplier</i> has completed, 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, plus other amounts to be paid to the <i>Supplier</i> , less amounts to be paid by or retained from the <i>Supplier</i> .
		Any tax which the law requires the <i>Purchaser</i> to pay to the <i>Supplier</i> is included in the amount due.

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

### 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.

### Preparing the *price schedule*

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

It will be assumed that the tendering supplier has

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

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

### **Format of the *price schedule***

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

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

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

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

## C2.2 the *price schedule*

Material No.	Units	Material Description	Quantity	Unit price	Total Price
732283	Each	CT06DL +Ram central circuit SD Card for motherboards	300		
247762	Each	Brand: Topworx Model No: 81-10518-A3 Contact Form: SPDT Sensing Type: Top Sensing	50		
255025	Each	Brand: Topworx Model No: 11-12110-00 Contact Form: SPDT Sensing Type: Extended Side Sensing	50		
641797	Each	POWER SUPPLY: INPUT: 15-20 VAC; OUTPUT VOLTAGE: 24 VDC; OUTPUT CURRENT: 5 A; APPLICATION: HEAD END CONTROL UNIT; MOUNTING: PANEL; OEM P/N: CTS MK8 PS 24V	100		
641795	Each	POWER SUPPLY: INPUT: 15-20 VAC; OUTPUT VOLTAGE: 48 VDC; OUTPUT CURRENT: 5 A; APPLICATION: HEAD END CONTROL; MOUNTING: PANEL; OEM P/N: CTS MK8 PS 48V	100		
754576	Each	Measuring range 400bar Mechanical connection G1/4 A Din 3852 Torque approx. 20Nm Parts in contact with media stainless steel, viton seals Supply voltage 2-conductors 10.. 30V P/N : 5693 475-006	40		

754574	Each	<p>Supply voltage + EV DC, 24 V (9-30 V) Polarity protected Current consumption at no load, 50 mA @ 24 V Max 75 mA Accuracy Dividing error Channel separation, <math>\pm 50^\circ</math> el <math>90^\circ \pm 25^\circ</math> el Outputs, Short circuit protected Load max, <math>\pm 40</math> mA Max cable length, 200 meter at 50 kHz U high (at 10mA load) &gt; +EV -2,0 V U low (at 10mA load) &lt; 1,15 V Female cable connector HD art.no. 5217 5322-150 EMC approval EN6000-6-2, EN6000-6-4 Shaft, Stainless steel Hollow-shaft <math>\varnothing 12</math> mm Moment of inertia <math>2,0 \times 10^{-6}</math> kgm<sup>2</sup> Load max Radial 20N Axial 10N Speed max 6000 rpm Copper disc 1000ppr polycarbonate 3600ppr glass Temperature operating <math>-40^\circ\text{C} \dots +70^\circ\text{C}</math> Temperature storage <math>-30^\circ\text{C} \dots +70^\circ\text{C}</math> Housing aluminium, anodized Weight approx. 300g Protection class IP67 according to IEC 60529</p>	18		
754578	Each	<p>Main supply voltage auto ranging 90-132, 180-264 VAC, 47-63 Hz (no configuration needed) Power consumption Max. 300VA, depending on configuration (+50VA with a heater) Inrush current Max.30A Main fuse 6A Fuses, Rev B supply Main 4A fast, 5x20mm ceramic, 576 6822-400 Internal DC 2A fast, 5x20mm ceramic, 576 6822-200</p>	18		
626223	Each	<p>Measuring range 60bar Mechanical connections G1/4 A Din 3852 Torque rating approx. 20Nm Parts in contact with media stainless steel, viton seals Supply voltage 2-conductors 10.. 30V Weight approx. 145g P/N : 5693 4745-003</p>	40		
654530	Each	<p>Connection head type BI,IP65 aluminium Process connection G1/2 (SS-ISO 228/1) Temperature <math>-200\dots+600^\circ\text{C}</math></p>	18		

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		Degree of protection IP65 Response time water $t_{0.5} = 17s$ , $t_{0.9} = 52$ Performance standard (600 °C) Sensor element 1x (single) Type of sensor element PT100 class A Connection head type BI, IP65 P/N : R 901 305 620			
0763410	Each	LATCH, HOOK: THROAT SIZE: 10 MM; STYLE: CTS TK; MATERIAL: STEEL	1000		
0763418	Each	LATCH, HOOK: THROAT SIZE: 12 MM; STYLE: CTS PCC; MATERIAL: STEEL	1000		
211145	Each	SWITCH, PULL: TYPE: PRE START WARNING; POTENTIAL: 0-500 V; CURRENT: 16 A; CONTACT ARRANGEMENT: 2NO 2NC; ENCLOSURE RATING: IP66; CONNECTION: 2 ENCLOSURES WITH MOUNTED CANOPY, WIRED; APPLICATION: CONVEYOR BELT; ENCLOSURE: IP66; CLASSIFICATION: IP66; SPECIFICATION: ISO 9001; SUPPL P/N: CTS348; C.T.S, LONG LINE PROTECTION; TYPE: CONVEYOR PULL KEY ASSEMBLY; TWO ENCLOSURE TRIP SWITCH; PRE-START WARNING;	300		
211139	Each	MODULE: TYPE: PULLKEY; SUPPL P/N: 3PB; LONG LINE PROTECTION	300		
723305	Each	DISPLAY UNIT: TYPE: LCD; POWER SOURCE: 24 V; READOUT: LINE DISPLAY; MANUF P/N: CTS 2000 MK8-2	100		
211251	Each	CONVERTER: TYPE: LONG LINE PROTECTION END UNIT; INPUT: 15 VDC; OUTPUT: -15 VDC	100		
0229896	Each	ASSEMBLY: TYPE: BELT PROTECTOR; DIMENSIONS: WD 1.2; SUPPL P/N: CTS700BLT; FOR FRAME (MISALIGNMENT)	150		
211177	Each	MODULE: TYPE: MISALIGNMENT, LLP; SUPPL P/N: PRI7; CT SYSTEMS	150		

211140	Each	MODULE: TYPE: MOTHERBOARD; SUPPL P/N: M.K.8; LONG LINE PROTECTION	200		
641797	Each	POWER SUPPLY: INPUT: 15-20 VAC; OUTPUT VOLTAGE: 24 VDC; OUTPUT CURRENT: 5 A; APPLICATION: HEAD END CONTROL UNIT; MOUNTING: PANEL; OEM P/N: CTSMK8PS 24V	100		
641795	Each	POWER SUPPLY: INPUT: 15-20 VAC; OUTPUT VOLTAGE: 48 VDC; OUTPUT CURRENT: 5 A; APPLICATION: HEAD END CONTROL; MOUNTING: PANEL; OEM P/N: CTS MK8 PS 48V	100		
241311	Each	MOTHERBOARD: TYPE: CONVEYOR LONG LINE PROTECTION; SIZE: MK8; SUPPL P/N: MK8; MODULE, 0-24 V INPUT, 0-24 V OUTPUT, 220 VAC POWER SOURCE, FOR MK8N CT-SYSTEM CONVEYOR LONG LINE PROTECTION	150		
211144	Each	BOX: TYPE: PRIMARY DEVICE; SUPPL P/N: 400 P.D; C.T.S, LONG LINE PROTECTION;	300		
666050	Each	MODULE: TYPE: PRIMARY DEVICE; POWER SOURCE: 24 V DC; APPLICATION: LONG LINE PROTECTION; SUPPL P/N: 4PRI	300		
211137	Each	MODULE: TYPE: PRIMARY DEVICE; SUPPL P/N: 4PRI; LONG LINE PROTECTION	300		
211142	Each	CABLE, PUSH PULL: TYPE: PULL; C.T.S, LONG LINE PROTECTION;	25000_m		
147393	Each	ALARM: TYPE: YODALARM SOUNDER; RATING: 220-240 VAC; OUTPUT: SIREN; SUPPL P/N: Y05AC; OUTPUT: 800 HZ AT 100 DB(A), COLOUR: RED, SOLID STATE;	100		
211145	Each	SWITCH, PULL: TYPE: PRE START WARNING; POTENTIAL: 0-500 V; CURRENT: 16 A; CONTACT ARRANGEMENT: 2NO 2NC; ENCLOSURE RATING: IP66; CONNECTION: 2 ENCLOSURES WITH MOUNTED CANOPY, WIRED; APPLICATION: CONVEYOR BELT; ENCLOSURE: IP66; CLASSIFICATION:	300		

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		IP66; SPECIFICATION: ISO 9001; SUPPL P/N: CTS348; C.T.S, LONG LINE PROTECTION; TYPE: CONVEYOR PULL KEY ASSEMBLY; TWO ENCLOSURE TRIP SWITCH; PRE-START WARNING; SUPPLY 48 VDC			
133840	Each	MODULE: TYPE: PULLKEY; SUPPL P/N: CT08PIC; PRINTED CIRCUIT BOARD	500		
211230	Each	SPRING: TYPE: SPEED UNIT; DIMENSIONS: DIA 30 X LG 500 MM; MATERIAL: SPRING STL; C.T.SYSTEMS, LONG LINE PROTECTION UNITS	150		
211141	Each	SWITCH, PROXIMITY: TYPE: SPEED; LONG LINE PROTECTION; ACTION FREQUENCY	200		
211228	Each	IDLER, SLOTTED: TYPE: SPEED DETECTION; ROLL DIAMETER: 132 MM; FACE WIDTH: 500 MM; ROLL MATERIAL: PLASTIC; SHAFT LENGTH: 550 MM; CROSS FLATS: 22 MM; SLOT WIDTH: 13 MM; SPEED DETECTION COMPLETE WITH MOUNTING BRACKETS; C.T.SYSTEMS, LONG LINE PROTECTION	200		
37508	Each	SWITCH, PULL: TYPE: TRIP WIRE; POTENTIAL: 24 V; CURRENT: 0-20 MA; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE RATING: IP65; CONTACT RATING: 0-5 A; APPLICATION: BELT PROTECTION; ENCLOSURE: IP65; REFERENCE NO: CTS 300 PSW/DC; PULLKEY C/W TB AND CP; ACTION SPDT; MOUNT PANEL	300		
226240	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 20 X LG 70 X HT 40 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.551 IN; MANUF P/N: UT 15 DA; 20 NM; F07 AND F05;	100		
226243	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 20 X LG 70 X HT 40 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.551 IN; MANUF P/N: UT15S4; BE41-210003; F07 AND F05	100		



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226241	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 3 X LG 6 X HT 5 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.67 IN; MANUF P/N: UT 20 DA; 47 NM; F07 AND F05;	100		
226237	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 3 X LG 6 X HT 5 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.67 IN; MANUF P/N: UT 20 54; 20 NM; F07 AND F05;	100		
226224	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 3 X LG 9 X HT 5 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.67 IN; MANUF P/N: UT25S4; 29NM;	100		
226227	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 4 X LG 9 X HT 6 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION TYPE: F07; F05; OUTLET CONNECTION SIZE: 0.67 IN; SUPPL P/N: UT30DA; 82NM;	100		
226223	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 4 X LG 9 X HT 6 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION TYPE: F07; F05; OUTLET CONNECTION SIZE: 0.67 IN; SUPPL P/N: UT30S4; 47NM;	100		
226239	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 5 X LG 9 X HT 7 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.866 IN; MANUF P/N: BE41-210003; LIMIT BOX MUST BE ATTACHED; 130 NM; F07 AND	100		

		F10;			
226238	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 5 X LG 11 X HT 7 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.866 IN; MANUF P/N: UT40S4; BE41-210003; 82NM; F07 AND F10;	100		
226234	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 5 X LG 13 X HT 8 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.866 IN; MANUF P/N: UT45DA; SUPPL P/N: BE41-210003; 210 NM; F07 AND F10;	100		
226242	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 5 X LG 11 X HT 7 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.866 IN; MANUF P/N: UT 45 S4; 130 NM; F07 AND F10;	100		
553044	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: 428 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: 1/4 IN; OUTLET CONNECTION SIZE: 1/4 IN; MANUF P/N: UT55DA; BE41-210003;	100		
553052	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: 428 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: 1/4 IN; OUTLET CONNECTION SIZE: 1/4 IN; MANUF P/N: UT55S4; TVA-M2WYNM;	100		
553051	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: 525 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: 1/4 IN; OUTLET CONNECTION SIZE: 1/4 IN; MANUF P/N: BE41-210003; UT6554;	100		

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553048	Each	ACTUATOR, PNEUMATIC: DIMENSIONS: 525 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: 1/4 IN; OUTLET CONNECTION SIZE: 1/4 IN; MANUF P/N: BE41-210003; UT65DA;	100		
0764138	Each	TACHOMETER FOR MASS METERS STRATENG ELECTRONIC SPEED SWITCH: BRAND/COMPANY: STRATFORD ENGINEERING(PTY LTD) Enclosure: DUST AND PROOF ENCOSURE (steel) Output: Stepper motor output pulse SERIAL NO: SM F9400110 RPM:200 TYPE No: SS STD CONTACT RATING: 5A VOLTAGE: 220V	60		
0763643	Each	Base Connector, CTS-MK8-TB2, For the HECU, 24V, Terminal Electronic Board. CT System	100		
7634184	Each	Opto Isolator, CTS-TPIC-BCD-2, Electronic Card/Buffer logic type, 24V, CT System	100		

## PART 3: SCOPE OF WORK

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

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

To place a five (5) years contract for the supply and delivery of Long line protection and Actuator spares as and when required. Ash and Coal plants are essential plants which may cause multiple shutdown of machines in case of a Breakdown and spares are not available, the organisation will suffer production loss and /or plant unreliability.

Contract is expected to start on the 01 April 2025 and end on the 31 April 2030 for Majuba Power Station Therefore purchase orders will be placed as and when required to replenish stock level at Majuba Power Station Stores.

## 2. Specification and description of the goods

Supply and delivery of Long line protection and Actuator Spares with unique material numbers and material specifications as detailed in the table below

Supplier responsible for ensuring that he/she is performing against the correct drawing revision number (if applicable).

	<b>Eskom Stock No.</b>	<b>Item</b>	<b>Description</b>	<b>Quantities</b>
1	732283	DL Card	CT06DL +Ram central circuit SD Card for motherboards	300
2	247762	Go Switch side sensing	Brand: Topworx Model No: 81-10518-A3 Contact Form: SPDT Sensing Type: Top Sensing	50
3	255025	Go Switch top sensing	Brand: Topworx Model No: 11-12110-00 Contact Form: SPDT Sensing Type: Extended Side Sensing	50
4	641797	<b>24V end Unit</b>	POWER SUPPLY: INPUT: 15-20 VAC; OUTPUT VOLTAGE: 24 VDC; OUTPUT CURRENT: 5 A; APPLICATION: HEAD END CONTROL UNIT; MOUNTING: PANEL; OEM P/N: CTSMK8PS 24V	100
5	641795	<b>48V end unit</b>	POWER SUPPLY: INPUT: 15-20 VAC; OUTPUT VOLTAGE: 48 VDC; OUTPUT CURRENT: 5 A; APPLICATION: HEAD END CONTROL; MOUNTING: PANEL; OEM P/N: CTS MK8 PS 48V	100
6	<b>754576</b>	<b>SSC Transmitter 400 bar</b>	Measuring range 400bar Mechanical connection G1/4 A Din 3852 Torque approx. 20Nm Parts in contact with media stainless steel, viton seals Supply voltage 2-conductors 10.. 30V P/N : 5693 475-006	40
7	<b>754574</b>	<b>SSC speed encoder</b>	Supply voltage + EV DC, 24 V (9-30 V) Polarity protected Current consumption at no load, 50 mA @ 24 V Max 75 mA Accuracy Dividing error Channel separation, $\pm 50^\circ$ el $90^\circ \pm 25^\circ$ el	18

			Outputs, Short circuit protected Load max, $\pm 40$ mA Max cable length, 200 meter at 50 kHz U high (at 10mA load) > +EV -2,0 V U low (at 10mA load) < 1,15 V Female cable connector HD art.no. 5217 5322-150 EMC approval EN6000-6-2, EN6000-6-4 Shaft, Stainless steel Hollow-shaft $\varnothing$ 12 mm Moment of inertia $2,0 \times 10^{-6}$ kgm <sup>2</sup> Load max Radial 20N Axial 10N Speed max 6000 rpm Copper disc 1000ppr polycarbonate 3600ppr glass Temperature operating -40°C .... +70°C Temperature storage -30°C ..... +70°C Housing aluminium, anodized Weight approx. 300g Protection class IP67 according to IEC 60529	
8	754578	SSC Control Card	Main supply voltage auto ranging 90-132, 180-264 VAC, 47-63 Hz (no configuration needed) Power consumption Max. 300VA, depending on configuration (+50VA with a heater) Inrush current Max.30A Main fuse 6A Fuses, Rev B supply Main 4A fast, 5x20mm ceramic, 576 6822-400 Internal DC 2A fast, 5x20mm ceramic, 576 6822-200	18
9	626223	SSC Transmitter 60 bar	Measuring range 60bar Mechanical connections G1/4 A Din 3852 Torque rating approx. 20Nm Parts in contact with media stainless steel, viton seals Supply voltage 2-conductors 10.. 30V Weight approx. 145g P/N : 5693 4745-003	40
10	654530	SSC Thermometer	Connection head type BI, IP65 aluminium Process connection G1/2 (SS-ISO 228/1) Temperature -200...+600 °C Degree of protection IP65 Response time water $t_{0.5} = 17s$ , $t_{0.9} = 52$ Performance standard (600 °C) Sensor element 1x (single) Type of sensor element PT100 class A Connection head type BI, IP65 P/N : R 901 305 620	18
11		LATCH, HOOK: THROAT SIZE: 10 MM; STYLE: CTS TK; MATERIAL: STEEL	LATCH, HOOK: THROAT SIZE: 10 MM; STYLE: CTS TK; MATERIAL: STEEL	1000

12		LATCH, HOOK: THROAT SIZE: 12 MM; STYLE: CTS PCC; MATERIAL: STEEL	LATCH, HOOK: THROAT SIZE: 12 MM; STYLE: CTS PCC; MATERIAL: STEEL	1000
13	211145	SWITCH PULL: PRE START WARNING;0- 500 V;16	SWITCH, PULL: TYPE: PRE START WARNING; POTENTIAL: 0-500 V; CURRENT: 16 A; CONTACT ARRANGEMENT: 2NO 2NC; ENCLOSURE RATING: IP66; CONNECTION: 2 ENCLOSURES WITH MOUNTED CANOPY, WIRED; APPLICATION: CONVEYOR BELT; ENCLOSURE: IP66; CLASSIFICATION: IP66; SPECIFICATION: ISO 9001; SUPPL P/N: CTS348; C.T.S, LONG LINE PROTECTION; TYPE: CONVEYOR PULL KEY ASSEMBLY; TWO ENCLOSURE TRIP SWITCH; PRE- START WARNING;	300
14	211139	MODULE: TYPE: PULLKEY 24V; SUPPL P/N: 3PB; LONG LINE PROTECTION	MODULE: TYPE: PULLKEY; SUPPL P/N: 3PB; LONG LINE PROTECTION	300
15	723305	DISPLAY UNIT:LCD;24 V;LINE DISPLAY	DISPLAY UNIT: TYPE: LCD; POWER SOURCE: 24 V; READOUT: LINE DISPLAY; MANUF P/N: CTS 2000 MK8-2	100
16	211251	CONVERTER:LONG LINE PROTECTION END UNIT	CONVERTER: TYPE: LONG LINE PROTECTION END UNIT; INPUT: 15 VDC; OUTPUT: -15 VDC	100
17	0229896	ASSY:BELT PROTECTOR;WD 1.2	ASSEMBLY: TYPE: BELT PROTECTOR; DIMENSIONS: WD 1.2; SUPPL P/N: CTS700BLT; FOR FRAME (MISALIGNMENT)	150
18	211177	MODULE: TYPE: MISALIGNMENT, LLP; SUPPL P/N: PRI7; CT SYSTEMS	MODULE: TYPE: MISALIGNMENT, LLP; SUPPL P/N: PRI7; CT SYSTEMS	150
19	211140	MODULE: TYPE: MOTHERBOARD; SUPPL P/N: M.K.8; LONG LINE PROTECTION	MODULE: TYPE: MOTHERBOARD; SUPPL P/N: M.K.8; LONG LINE PROTECTION	200
20	641797	POWER SUPPLY:CTSMK8PS 24V;I/P 15-20 VAC	POWER SUPPLY: INPUT: 15-20 VAC; OUTPUT VOLTAGE: 24 VDC; OUTPUT CURRENT: 5 A; APPLICATION: HEAD END CONTROL UNIT; MOUNTING: PANEL; OEM P/N: CTSMK8PS 24V	100



21	641795	POWER SUPPLY:CTS MK8 PS 48V;I/P 15-20;48	POWER SUPPLY: INPUT: 15-20 VAC; OUTPUT VOLTAGE: 48 VDC; OUTPUT CURRENT: 5 A; APPLICATION: HEAD END CONTROL; MOUNTING: PANEL; OEM P/N: CTS MK8 PS 48V	100
22	241311	MODULE: TYPE: MOTHERBOARD; SUPPL P/N: M.K.8; LONG LINE PROTECTION	MOTHERBOARD: TYPE: CONVEYOR LONG LINE PROTECTION; SIZE: MK8; SUPPL P/N: MK8; MODULE, 0-24 V INPUT, 0-24 V OUTPUT, 220 VAC POWER SOURCE, FOR MK8N CT-SYSTEM CONVEYOR LONG LINE PROTECTION	150
23	211144	BOX:PRIMARY DEVICE	BOX: TYPE: PRIMARY DEVICE; SUPPL P/N: 400 P.D; C.T.S, LONG LINE PROTECTION;	300
24	666050	MODULE:PRIMARY DEVICE;24 V DC	MODULE: TYPE: PRIMARY DEVICE; POWER SOURCE: 24 V DC; APPLICATION: LONG LINE PROTECTION; SUPPL P/N: 4PRI	300
25	211137	MODULE: TYPE: PRIMARY DEVICE; SUPPL P/N: 4PRI; LONG LINE PROTECTION	MODULE: TYPE: PRIMARY DEVICE; SUPPL P/N: 4PRI; LONG LINE PROTECTION	300
26	211142	CABLE, PUSH PULL: TYPE: PULL; C.T.S, LONG LINE PROTECTION;	CABLE, PUSH PULL: TYPE: PULL; C.T.S, LONG LINE PROTECTION;	25000_m
27	147393	ALARM:YODALARM SOUNDER;220-240 VAC	ALARM: TYPE: YODALARM SOUNDER; RATING: 220-240 VAC; OUTPUT: SIREN; SUPPL P/N: Y05AC; OUTPUT: 800 HZ AT 100 DB(A), COLOUR: RED, SOLID STATE;	100
28	211145	SWITCH PULL:PRE START WARNING;0-500 V;16	SWITCH, PULL: TYPE: PRE START WARNING; POTENTIAL: 0-500 V; CURRENT: 16 A; CONTACT ARRANGEMENT: 2NO 2NC; ENCLOSURE RATING: IP66; CONNECTION: 2 ENCLOSURES WITH MOUNTED CANOPY, WIRED; APPLICATION: CONVEYOR BELT; ENCLOSURE: IP66; CLASSIFICATION: IP66; SPECIFICATION: ISO 9001; SUPPL P/N: CTS348; C.T.S, LONG LINE PROTECTION; TYPE: CONVEYOR PULL KEY ASSEMBLY; TWO ENCLOSURE TRIP SWITCH; PRE-START WARNING; SUPPLY 48 VDC	300
29	133840	MODULE: TYPE: PULLKEY; SUPPL P/N: CT08PIC; PRINTED CIRCUIT BOARD	MODULE: TYPE: PULLKEY; SUPPL P/N: CT08PIC; PRINTED CIRCUIT BOARD	500
30	211230	SPRING:SPEED UNIT;DIA 30 X LG 500 MM	SPRING: TYPE: SPEED UNIT; DIMENSIONS: DIA 30 X LG 500 MM; MATERIAL: SPRING STL; C.T.SYSTEMS, LONG LINE PROTECTION UNITS	150

31	211141	SWITCH, PROXIMITY: TYPE: SPEED; LONG LINE PROTECTION; ACTION FREQUENCY	SWITCH, PROXIMITY: TYPE: SPEED; LONG LINE PROTECTION; ACTION FREQUENCY	200
32	211228	IDLER SLOTD:SPEED DETECTION;132 MM;500	IDLER, SLOTTED: TYPE: SPEED DETECTION; ROLL DIAMETER: 132 MM; FACE WIDTH: 500 MM; ROLL MATERIAL: PLASTIC; SHAFT LENGTH: 550 MM; CROSS FLATS: 22 MM; SLOT WIDTH: 13 MM; SPEED DETECTION COMPLETE WITH MOUNTING BRACKETS; C.T.SYSTEMS, LONG LINE PROTECTION	200
33	37508	SWITCH PULL:TRIP WIRE;24 V;0-20 MA;IP65	SWITCH, PULL: TYPE: TRIP WIRE; POTENTIAL: 24 V; CURRENT: 0-20 MA; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE RATING: IP65; CONTACT RATING: 0-5 A; APPLICATION: BELT PROTECTION; ENCLOSURE: IP65; REFERENCE NO: CTS 300 PSW/DC; PULLKEY C/W TB AND CP; ACTION SPDT; MOUNT PANEL	300
34	226240	ACTUATOR PNEUM:WD 20 X LG 70 X HT 40 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 20 X LG 70 X HT 40 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.551 IN; MANUF P/N: UT 15 DA; 20 NM; F07 AND F05;	100
35	226243	ACTUATOR PNEUM:WD 20 X LG 70 X HT 40 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 20 X LG 70 X HT 40 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.551 IN; MANUF P/N: UT15S4; BE41-210003; F07 AND F05	100
36	226241	ACTUATOR PNEUM:WD 3 X LG 6 X HT 5 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 3 X LG 6 X HT 5 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.67 IN; MANUF P/N: UT 20 DA; 47 NM; F07 AND F05;	100

37	226237	ACTUATOR PNEUM:WD 3 X LG 6 X HT 5 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 3 X LG 6 X HT 5 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.67 IN; MANUF P/N: UT 20 54; 20 NM; F07 AND F05;	100
38	226224	ACTUATOR PNEUM:UT25S4;600 KPA;90 DEG	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 3 X LG 9 X HT 5 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.67 IN; MANUF P/N: UT25S4; 29NM;	100
39	226227	ACTUATOR PNEUM:WD 4 X LG 9 X HT 6 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 4 X LG 9 X HT 6 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION TYPE: F07; F05; OUTLET CONNECTION SIZE: 0.67 IN; SUPPL P/N: UT30DA; 82NM;	100
40	226223	ACTUATOR PNEUM:WD 4 X LG 9 X HT 6 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 4 X LG 9 X HT 6 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION TYPE: F07; F05; OUTLET CONNECTION SIZE: 0.67 IN; SUPPL P/N: UT30S4; 47NM;	100
41	226239	ACTUATOR PNEUM:BE41- 210003;600 KPA	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 5 X LG 9 X HT 7 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.866 IN; MANUF P/N: BE41-210003; LIMIT BOX MUST BE ATTACHED; 130 NM; F07 AND F10;	100
42	226238	ACTUATOR PNEUM:WD 5 X LG 11 X HT 7 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 5 X LG 11 X HT 7 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.866 IN; MANUF P/N: UT40S4; BE41-210003; 82NM; F07 AND F10;	100

43	226234	ACTUATOR PNEUM:WD 5 X LG 13 X HT 8 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 5 X LG 13 X HT 8 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.866 IN; MANUF P/N: UT45DA; SUPPL P/N: BE41- 210003; 210 NM; F07 AND F10;	100
44	226242	ACTUATOR PNEUM:WD 5 X LG 11 X HT 7 MM	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 5 X LG 11 X HT 7 MM; PRESSURE RATING: 600 KPA; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: NPT; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION SIZE: 0.866 IN; MANUF P/N: UT 45 S4; 130 NM; F07 AND F10;	100
45	553044	ACTUATOR PNEUM:428 MM;10 BAR;90 DEG	ACTUATOR, PNEUMATIC: DIMENSIONS: 428 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: 1/4 IN; OUTLET CONNECTION SIZE: 1/4 IN; MANUF P/N: UT55DA; BE41-210003;	100
46	553052	ACTUATOR PNEUM:428 MM;10 BAR;90 DEG	ACTUATOR, PNEUMATIC: DIMENSIONS: 428 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: 1/4 IN; OUTLET CONNECTION SIZE: 1/4 IN; MANUF P/N: UT55S4; TVA-M2WYNM;	100
47	553051	ACTUATOR PNEUM:525 MM;10 BAR;90 DEG	ACTUATOR, PNEUMATIC: DIMENSIONS: 525 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: 1/4 IN; OUTLET CONNECTION SIZE: 1/4 IN; MANUF P/N: BE41-210003; UT6554;	100
48	553048	ACTUATOR PNEUM:525 MM;10 BAR;90 DEG	ACTUATOR, PNEUMATIC: DIMENSIONS: 525 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: 1/4 IN; OUTLET CONNECTION SIZE: 1/4 IN; MANUF P/N: BE41-210003; UT65DA;	100
49	0764138	TACHOMETER FOR MASS METERS, Electric speed sensor	TACHOMETER FOR MASS METERS STRATENG ELECTONIC SPEED SWITCH: BRAND/COMPANY: STRATFORD ENGINEERING(PTY LTD) Enclosure: DUST AND PROOF ENCOSURE (steel) Output: Stepper motor output pulse SERIAL NO: SM F9400110 RPM:200 TYPE No: SS STD CONTACT RATING: 5A VOLTAGE: 220V	60

50	0763643	Module, Base Connector, CTS	Base Connector, CTS-MK8-TB2, For the HECU, 24V, Terminal Electronic Board. CT Sytem	100
51	764184	Opto Isolator, Used on Base Board	Opto Isolator, CTS-TPIC-BCD-2, Electronic Card/Buffer logic type, 24V, CT System	100

## 2.1 Factory acceptance testing (FAT)

Material Data Sheet and Test Certificate where applicable

## 3. Supply Requirements

Goods are required on an **as and when required** basis.

Requests for delivery will be made on a contract release order starting with a 45 number.

Delivery is expected within 4 to 8 weeks at Stores after receipt of Eskom official order.

The purchases will endeavour as far possible to order in batches for ease of delivery

## 4. Specification of the services to be provided

- Supply and delivery of Long line protection and Actuator Spares as and when required
- 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.
- Each delivery note to state the relevant release order number

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

### 5.1 Programming constraints

Delivery times will be stated on the official purchase order

## 5.2 Work to be done by the Delivery Date

- a) Supplier to quote the Eskom official purchase order in all delivery notes and invoices
- b) Goods must be well packaged and safely transported
- c) Eskom 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 product rejected goods must be collected and the correct goods supplied within 14 days.
- d) Only goods as specified will be accepted. Any goods which do not meet the specifications will be rejected.

## 5.3 Marking the goods

Packaging and Marking must be as follows:

Name of the supplier, Purchase Order Number, Material Number and Quantity Delivered

### 5.3.1 Key Performance Indicator Table

KPA Description	Performance Measure/ Indicator	Target
Purchase Order delivery to site	Lead time agreed on the contract to be lead time on each PO and supplier delivery must match these lead times	98%
Packaging and Preliminary Marking of goods before delivery	All items must be wrapped with a clear plastic, bubble wrap that is clear or be placed inside cardboards for preservation purposes items that are not adhering to packaging and markings will be rejected upon delivery and the marking should be as follows Name of the Supplier, Purchase Order Number, Material Number, Part Number and Serial Number and Delivery date	100%
Customer Survey done by the supplier to be submitted to purchaser	To measure service level of the supplier by the purchaser	4 times per year from start of the contract

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

Supplier must follow Eskom Life Saving Rules when delivering goods to Majuba Power Station

### 1. Open, Isolate, test , earth, bond and insulate before touching

No person may work on any electrical network unless:

He has been trained and authorised as competent for the task to be done

### 2. Hook up at heights

### 3. Buckle up

No person may drive any vehicle on Eskom business and/or on Eskom premises:

Unless the driver and all passengers are wearing seat belts

### 4. Be Sober

No person is allowed to work under the influence of drugs and/or alcohol

### 5. Ensure you have permit to work

When an authorization limitation exists, no person shall work without the required permit to work

Majuba Power Station Delivery Times are as follows

08h00 A.M to 16h00 P.M Monday to Thursday

08h00 A.M to 11h30 A.M on Friday

No delivery is accepted afterhours, weekends and including public holidays unless the Supplier is requested by the Purchaser in writing prior delivery to site

## 5.5 Cooperating with Others

N/A since it's a supply and delivery contract

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

Eskom Majuba Power Station will provide resources to offload the goods being delivered (Cranes and forklift for offloading purposes)

Small items can be offloaded by the supplier personnel

## 5.7 Management meetings

General meetings to be held as and when required and maybe requested by either party Supplier or Purchaser

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

All goods being delivered to Majuba Main Stores must have the following

Unique delivery note number per delivery

Delivery note – must have unique number, date of delivery, items that were delivered (material number, material short description, serial number and quantity delivered)

Delivery note must come in duplicates so that one copy is kept at Main Stores and other goes with the supplier for invoicing purposes and as a proof of delivery

Both copies of delivery notes to be stamped with receiving stamp of Majuba Power Station and must have the signature of the receiver as well as the receiving personnel full names

## 5.9 Health and safety risk management

The *Supplier* shall comply with the health and safety requirements (7 Annexure C 3 OHS Tender Evaluation Low Risk, Annexure A Supplier Risk Category 240-77433139 and 240-73418055 MANUFACTURE OR LOW RISK SERVICES) and all these documents will form part of the tender documents

## 5.10 Environmental constraints and management

The Supplier shall comply with the environmental criteria and constraints [Environmental Management Requirements for Contractors and Suppliers ENV/GEN/SPEC/01]

## 5.11 Quality

Supplier Contract Quality Requirements Specification (QM 58) 240-105658000 must be followed.

### Service Level Table

The following table depicts the level of performance required of the *Contractor*. Should the *Contractor* be unable to meet these requirements, Low Service Damages will be claimed from the *Contractor*.

The total Low Service Damages will be limited to 10% per month per order based on as and when required supply

Table 6: Service Level Table for Low Service Damages

No.	Description	Employer's Requirement	Damages payable by Contractor
1	On time delivery to Majuba Power Station	All deliveries to be delivered as per agreed lead time of the contract working from the time the supplier acknowledge receipt of an official Eskom Order Number that start with 45 number	5% of the total purchase order if an order is delivered one week later, 7.5% of the total purchase order if an order is delivered two to three weeks later and 10% of the total purchase order delivered later than four weeks and all the deductions to be subtracted from the original invoice of the purchase order Failure to deliver after to deliver after 8 weeks without notice may result in contract termination.
2	Equipment failure	All supplied Spares failing before lapse of warranties and guarantees to be replaced within 31 days from the date it was officially reported to the supplier and the supplier to bear all the cost and risk of replacing the failed / damaged item	Period between 32 days to 45 days penalties of 5% will be charged from the total cost of the item, period between 46 days to 59 days penalties of 7.5% from the total cost of the item, 60 days and above 10% of the total cost of the item failed will be charged as penalties
3	Packaging and Preliminary Marking of goods before delivery	All items must be wrapped with a clear plastic, bubble wrap that is clear or be placed inside cardboards for preservation purposes items that are not adhering to packaging and markings will be rejected upon delivery and the marking should be as follows Name of the Supplier, Purchase Order Number, Material Number, Part Number and Serial Number and Delivery date	6% of the total purchase

## 5.12 Invoicing and payment

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

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

Name and address of the *Supplier* and the *Supply Manager*;



The contract number and title;  
*Supplier's* VAT registration number;  
The *Purchaser's* VAT registration number.  
Description of *goods* and *services* provided for each item invoiced based on the Price Schedule;  
Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;  
(add other as required)

C3.2 *SUPPLIER'S* GOODS INFORMATION

See Paragraph 2 under heading Specification and description of the *goods*

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Item No.	Material Number	Material Description	Estimated Quantity for Contract Period	UMC	Price (Each)	Total Price

