



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 electrical switchgear fuses on
an as and when required “basis” for a period of 5
years.

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CONTRACT No. [Insert at award stage]

Supply and delivery of electrical switchgear fuses on an as and when required “basis” for a period of 5 years.

PART C1: AGREEMENTS & CONTRACT DATA

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Supply and delivery of electrical switchgear fuses on an as and when required “basis” 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 electrical switchgear fuses on an as and when required “basis” 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	R [●]
	Value Added Tax @ 15% is	R [●]
	The offered total of the amount due inclusive of VAT is ¹	R [●]
	(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

¹ 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

No.	Subject	Details
1	N/A	N/A
2		

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

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C1.2 SC3 Contract Data

Part one - Data provided by the *Purchaser*

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

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	
		X1: Price adjustment for inflation X2 Changes in the law X7: Delay damages X17: Low performance damages X20 Key performance indicators Z: Additional conditions of contract
	of the NEC3 Supply Contract (April 2013) ²	(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):	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
	Tel No.	[•]
	Fax No.	[•]
10.1	The <i>Supply Manager</i> is (name):	[•]
	Address	[•]
	Tel	[•]
	Fax	[•]
	e-mail	[•]
11.2(13)	The <i>goods</i> are	Electrical switchgear fuses
11.2(13)	The <i>services</i> are	Supply and deliver of electrical switchgear fuses on an as and when required "basis" for a

² Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, www.ecs.co.za.

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		period of 5 years	
11.2(14)	The following matters will be included in the Risk Register	1. Delays on delivery 2. Non-conformance to specifications 3. Failure to meet delivery schedule due to force majeure 4. Obsolescence or discontinuation of fuse type 5. Damage to the Fuses during transportation	
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 Goods Information is in	Annexure A to this Contract Data	
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa	
13.1	The <i>language of this contract</i> is	English	
13.3	The <i>period for reply</i> is	Three (3) working days	
2	The Supplier's main responsibilities	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.	
3	Time		
30.1	The <i>starting date</i> is.	[•]	
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<i>goods and services</i> 1 Electrical switchgear fuses	<i>delivery date</i> 4 weeks from purchase Order issuance
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.		
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	Delivery schedule to be submitted within Three (3) days after order placement	
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	2 days after any deviation from the accepted delivery schedule	
4	Testing and defects		
42	The <i>defects date</i> is	52 weeks after Delivery.	
43.2	The <i>defect correction period</i> is	3 days after notification	
	except that the <i>defect correction period</i> for	Defects that affect the plant performance and defects that might contribute to loss of production	
		Defect correction period is 24 hours	
	and the <i>defect correction period</i> for	Defects that pose a threat to the safety	

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		of people
		Defect correction period is is 12 hours
42.2	The <i>defects access period</i> is	2 days
	except that the <i>defect access period</i> for	Defects that affect the plant performance and defects that might contribute to loss of production
		Defect access period is is 24 hours
	and the <i>defect access period</i> for	Defects that pose a threat to the safety of people
		Defect access period is is 12 hours
5	Payment	
50.1	The <i>assessment interval</i> is	1 Week After each delivery and acceptance of electrical switchgear fuses
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	• 30 days for contracts with a value less than R50M • 60 days for contracts with a value greater than R50M
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 365 day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and (ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption "Money Rates" in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted <i>mutatis mutandis</i> every 6 months thereafter and as certified, in the event of any dispute, by any manager employed in the foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.
6	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

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		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 <i>Purchaser's</i> risks	None
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	R0.0 (zero Rand)
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	(1) for the <i>Purchaser's</i> existing and surrounding property in the care, custody and control of the <i>Supplier</i> the amount of the deductible (first amount payable) relevant to the event and (2) for all other existing <i>Purchaser's</i> property the applicable deductible as at contract date
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:	The total price of the design, manufacturing, and delivery.
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	The purchase order value.
88.5	The <i>end of liability date</i> is	52 Weeks after Delivery of the whole of the goods and services.
9	Termination and dispute resolution	Termination will be dealt with as per NEC3 SC termination clauses.
94.1	The <i>Adjudicator</i> 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).
	Address	[•]
	Tel No.	[•]
	Fax No.	[•]

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e-mail	[•]
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 www.ice-sa.org.za)
94.4(2)	The <i>tribunal</i> is: arbitration
94.4(5)	The <i>arbitration procedure</i> is the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
94.4(5)	The place where arbitration is to be held is South Africa
	The person or organisation who will choose an arbitrator
	- if the Parties cannot agree a choice or
	- if the arbitration procedure does not state who selects an arbitrator, is 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

X1	Price adjustment for inflation			
X1.1	The <i>base date</i> for indices is	The month prior to the enquiry closing date.		
	The proportions used to calculate the Price Adjustment Factor are:	proportion	linked to index for	Index prepared by
		0.	[•]	[•]
		0.	[•]	[•]
		0.	[•]	[•]
		0.	[•]	[•]
		0.	[•]	[•]
	15%	non-adjustable		
100%				
X2	Changes in the law			
X2.1	A change in the law of	Republic of South Africa is a compensation event if it occurs after the Contract Date		
X7	Delay damages			
X7.1	Delay damages for Delivery are	2 % of task order value per day to a maximum of 10% of the purchase order value		
		Once the maximum is reached Z11 will come into effect.		
X17	Low performance damages			
X17.1	The amounts for low performance damages are:	Amount	performance level:	

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		100% of the task order value will be withheld until fuses of required specifications are delivered (delay damages to apply) 1% of the purchase order value will be deducted per incident 100% of the task order value will be withheld 2% deduction on purchase order when a Supplier fails to correct the defect within 3 days and when supplier does not respond within period of reply 100% of the task order value will be withheld	Fuses not meeting technical specifications Not using correct Packaging and Labelling Quality Failures After Delivery Late Response to Early Warnings / Defect Notifications Failure to submit required documents with delivery
	Total low performance damages to be capped at 15% of the contract value.		
X20	Key Performance Indicators	Annexure [A] to this Contract Data	
X20.1	The <i>incentive schedule</i> for Key Performance Indicators is in	N/A No incentives will be paid out for Key performance indicators. KPI's are there to monitor performance of this contract	
X20.2	A report of performance against each Key Performance Indicator is provided at intervals of	6 months	
Z	The <i>additional conditions of contract</i> are	Z1 to Z15 always apply for Eskom	

Supply and delivery of electrical switchgear fuses on an as and when required “basis” for a period of 5 years.**Z1 Cession delegation and assignment**

- Z1.1 The *Supplier* does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the *Purchaser*.
- Z1.2 Notwithstanding the above, the *Purchaser* may on written notice to the *Supplier* cede and delegate its rights and obligations under this contract to any of its subsidiaries or any of its present divisions or operations which may be converted into separate legal entities as a result of the restructuring of the Electricity Supply Industry.

Z2 Joint ventures

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

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

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

Z4 Confidentiality

- Z4.1 The *Supplier* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Supplier*, enters the public domain or to information which was already in the possession of the *Supplier* at the time of disclosure (evidenced by written records in existence at that time). Should the *Supplier* disclose information to Others in terms of clause 23.1, the *Supplier* ensures that the provisions of this clause are complied with by the recipient.
- Z4.2 If the *Supplier* is uncertain about whether any such information is confidential, it is to be

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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

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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,

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

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

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

Z12.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

Z12.2 The *Purchaser* may terminate the *Supplier's* obligation to Provide the Services if a Committing Party has taken such Prohibited Action and the *Supplier* did not take timely and appropriate action to prevent or remedy the situation, without limiting any other rights or remedies the *Purchaser* has. It is not required that the Committing Party had to have been found guilty, in court or in any other similar process, of such Prohibited Action before the *Purchaser* can terminate the *Supplier's* obligation to Provide the Services for this reason.

Z12.3 If the *Purchaser* terminates the *Supplier's* obligation to Provide the Services for this reason, the amounts due on termination are those intended in core clauses 92.1 and 92.2.

Z12.4 A Committing Party co-operates fully with any investigation pursuant to alleged Prohibited Action. Where the *Purchaser* does not have a contractual bond with the Committing Party, the *Supplier* ensures that the Committing Party co-operates fully with an investigation.

Z13Insurance

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.

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INSURANCE TABLE A

Insurance against	Minimum amount of cover or minimum limit of indemnity
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	<u>Loss of or damage to property</u> <u>Purchaser's 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 <u>Death of or bodily injury</u> The amount required by the applicable law.
Liability for death of or bodily injury to employees of the <i>Supplier</i> arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law

Z 13.2 Replace core clause 87 with the following:

**Insurance by
the *Purchaser***

87

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

INSURANCE TABLE B

Insurance against or name of policy	Minimum amount of cover or minimum of 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	Per the insurance policy document

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Business Interruption	
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.

Z15 Asbestos

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

AAIA	means approved asbestos inspection authority.
ACM	means asbestos containing materials.
AL	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.
Ambient Air	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.
Compliance Monitoring	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.
OEL	means occupational exposure limit.
Parallel	means measurements performed in parallel, yet separately, to existing

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Measurements	measurements to verify validity of results.
Safe Levels	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.
Standard	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.
SANAS	means the South African National Accreditation System.
TWA	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.
- Z15.3 The *Purchaser* manages asbestos and ACM according to the Standard.
- Z15.4 In the event that any asbestos is identified while Providing the Services, a risk assessment is conducted and if so required, with reference to possible exposure to an airborne concentration of above the AL for asbestos, immediate control measures are implemented and relevant air monitoring conducted in order to declare the area safe.
- Z15.5 The *Supplier's* personnel are entitled to stop working and leave the contaminated area forthwith until such time that the area of concern is declared safe by either Compliance Monitoring or an AAIA approved control measure intervention, for example, per the emergency asbestos work plan, if applicable.
- Z15.6 The *Supplier* continues to Provide the Services, without additional control measures presented, on presentation of Safe Levels. The contractually agreed dates to Provide the Services, including the Completion Date, are adjusted accordingly. The contractually agreed dates are extended by the notification periods required by regulations 3 and 21 of the Asbestos Regulations.
- Z15.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Purchaser* at the *Purchaser's* expense, and conducted in line with South African legislation.

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Annexure A: Supply Requirements

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

The *Supplier* supplies the *goods* in accordance with INCOTERMS 2010³ as follows:

Group	Category	Term	Delivery Place
	Delivery Cost Included	DCI	<i>Employer's stores</i>

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

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

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

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

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

³ International Chamber of Commerce, Incoterms 2010, Paris, January 2011

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The Supply Requirements for this contract are as follows:

[Use these when INCOTERMS do not apply].

1. The requirements for the supply are	As stated in the contract goods information	
2. The requirements for transport are	As stated in the contract goods information	
3. The delivery place is	Tutuka Power Station Stores(receiving)	
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	Included in tendered rates
	Arrange access to delivery place	Purchaser
	Loading the <i>goods</i>	Supplier
	Unloading the <i>goods</i>	As stated in the contract goods information
For international procurement	Undertake export requirements	Supplier
	Undertake import requirements	Supplier
5. Information to be provided by the Supplier	Title of document	
	Packing lists for cases and their contents	
	Copy of invoice for the <i>goods</i>	
	Delivery Note	
	Test results and maintenance manuals	
For international procurement	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*.

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	R , (in words)												
11.2(12)	The <i>price schedule</i> is in:													
11.2(14)	The following matters will be included in the Risk Register													
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are													
30.1	The <i>delivery date</i> of the <i>goods and services</i> is:	<table><thead><tr><th></th><th><i>goods and services</i></th><th><i>delivery date</i></th></tr></thead><tbody><tr><td>1</td><td>[•]</td><td>[•]</td></tr><tr><td>2</td><td>[•]</td><td>[•]</td></tr><tr><td>3</td><td>[•]</td><td>[•]</td></tr></tbody></table>		<i>goods and services</i>	<i>delivery date</i>	1	[•]	[•]	2	[•]	[•]	3	[•]	[•]
	<i>goods and services</i>	<i>delivery date</i>												
1	[•]	[•]												
2	[•]	[•]												
3	[•]	[•]												
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	%												

PART 2: PRICING DATA

NEC3 Supply Contract

Document reference	Title
C2.1	Pricing assumptions
C2.2	The <i>price schedule</i>

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C2.1 Pricing assumptions

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

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

Identified and defined terms	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.
Assessing the amount due	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

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- 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.

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C2.2 the *price schedule*

Item No:	Material number	Description	Unit	Rate
1	4501	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: TIME LAG MEDIUM; CASE MATERIAL: CERAMIC; SUPPL P/N: NS16; FUSE, CARTRIDGE; CURRENT 16 A, POTENTIAL 415 VAC, DIMENSIONS DIA 14 X LG 60 MM, TYPE TIME LAG MEDIUM, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: NS16~FUSE,CARTD;NS16,16 A,415 VAC,CERAMIC	EA	
2	4504	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: GLASS; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: NS2; FUSE, CARTRIDGE; CURRENT 2 A, POTENTIAL 415 V, DIMENSIONS DIA 14 X LG 60 MM, TYPE CURRENT LIMITING, CASE MATERIAL GLASS, CONNECTION TYPE BLADE KNIFE, PART NUMBER: NS2 FUSE,CARTD; NS2,2 A,415 V,BLADE KNIFE; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
3	4507	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NS6A; SUPPLIER NOTE, THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED	EA	
4	4509	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: NS10A; FUSE, CARTRIDGE; CURRENT 10 A, POTENTIAL 415 V, DIMENSIONS DIA 14 X LG 60 MM, TYPE CURRENT LIMITING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART	EA	

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		NUMBER: NS10A FUSE,CARTD;NS10A,10 A,415 V,BLADE KNIFE; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3		
5	4527	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 240 V; CONNECTION TYPE: BLADE KNIFE TAGS; DIMENSIONS: DIA 12 X LG 47 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: SS20; FUSE, CARTRIDGE; CURRENT 20 A, POTENTIAL 240 V, DIMENSIONS DIA 12 X LG 47 MM, TYPE CURRENT LIMITING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE TAGS, PART NUMBER: SS20~FUSE,CARTD;SS20,20 A,240 V,CERAMIC	EA	
6	4530	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 35 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SPECIFICATION: BS 88-1967; SUPPL P/N: NS25; HRC, CLASS Q1, ASTA CERTIFIED FOR CATEGORY OF DUTY 415AC80	EA	
7	4537	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 46.6 X LG 132.6 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: NH1; REFERENCE NO: 3NA3140	EA	
8	4538	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 28 X LG 78 X HT 42 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3836; FUSE, CARTRIDGE; CURRENT 160 A, POTENTIAL 500 VAC, DIMENSIONS WD 28 X LG 78 X HT 42 MM, TYPE INDICATING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: 3NA3836~FUSE,CARTD;3NA3836,160 A,500 VAC	EA	
9	4540	FUSE, CARTRIDGE: CURRENT: 40 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 21 X LG 79 X HT 40 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; MANUF P/N: 3NA3817	EA	
10	4544	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 500 VAC; CONNECTION	EA	

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		TYPE: BLADE KNIFE; DIMENSIONS: WD 40 X LG 46 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3824		
11	4658	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 13.9 X LG 55.6 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: NIT4; HIGH RUPTURING, CAPACITY	EA	
12	117135	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 23 X LG 50 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 1000504/2A; DIAZED, QUICK RESPONSE, COMP PUMP	EA	
13	117136	FUSE, CARTRIDGE: CURRENT: 1.6 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 4 X LG 20 MM; TYPE: INDICATING; CASE MATERIAL: GLASS; SUPPL P/N: CEB-1.6A	EA	
14	117137	FUSE, CARTRIDGE: CURRENT: 100 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
15	117138	FUSE, CARTRIDGE: CURRENT: 250 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
16	117139	FUSE, CARTRIDGE: CURRENT: 500 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE; CASE MATERIAL: GLASS; SUPPL P/N: 3AG; CURRENT LIMITING	EA	
17	117140	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: 6332 LT; CURRENT LIMITING	EA	
18	117141	FUSE, CARTRIDGE: CURRENT: 2.5 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
19	117142	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32	EA	

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		MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: 6332 LT		
20	117143	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
21	117144	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS; REFERENCE NO: 19195	EA	
22	117145	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 220 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SUPER FLINK	EA	
23	117146	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS	EA	
24	117147	FUSE, CARTRIDGE: CURRENT: 15 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS	EA	
25	117148	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLO, MINIATURE; CASE MATERIAL: GLASS	EA	
26	117149	FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
27	117150	FUSE, CARTRIDGE: CURRENT: 6.3 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
28	117151	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 250 V; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: PORCELAIN; AMHERD TYPE, SUPER FLINK	EA	
29	117152	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 600 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 21 X LG 127	EA	

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		MM; TYPE: TIME DELAY DUAL ELEMENT; CASE MATERIAL: FIBER; REFERENCE NO: TRS25R		
30	117153	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 600 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 21 X LG 127 MM; TYPE: TIME DELAY DUAL ELEMENT; CASE MATERIAL: FIBER; REFERENCE NO: TS25R	EA	
31	117154	FUSE, CARTRIDGE: CURRENT: 15 A; POTENTIAL: 600 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 20.5 X LG 126 MM; TYPE: TIME DELAY INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: TRS15R; RELIANCE R5K	EA	
32	117155	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 50 X LG 135 MM; TYPE: ONE TIME REJECTION; CASE MATERIAL: CERAMIC; LOW VOLTAGE, HRC, GEC, CLASS Q1, CATEGORY OF DUTY 550AC80, BS DIAMETER REFERENCE B3, 111 MM FIX CENTRES, TO BS88 1975, TO THE LATEST EDITION OF SABS 172 AND BEARING THE SABS MARK OF APPROVAL	EA	
33	117156	FUSE, CARTRIDGE: CURRENT: 3 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: CERAMIC; CURRENT LIMITING; GLASS TUBE, SIZE 5MM DIAMETER X 20MM LONG	EA	
34	117218	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NS4; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	EA	
35	117220	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 14 X LG 54 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NIT6; ONE SIDE, TWO HOLES	EA	
36	117221	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 660 VAC; CONNECTION TYPE: SCREW CLAMP OFFSET HOLE; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TIA6; 73 MM HOLE	EA	

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		CENTRES		
37	117224	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 86 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; SUPPL P/N: TIA10; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A2	EA	
38	117225	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIA16; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
39	117226	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 13.9 X LG 60.3 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: NS20; FUSE, CARTRIDGE; CURRENT 20 A, POTENTIAL 415 VAC, DIMENSIONS DIA 13.9 X LG 60.3 MM, TYPE CURRENT LIMITING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: NS20~FUSE, CARTD; NS20,20 A,415 VAC, CERAMIC; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
40	117227	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIA20; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
41	117229	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 80 MM; TYPE: CURRENT	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TIA25; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3		
42	117232	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 85 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1967; SUPPL P/N: TIS63; CLASS Q1	EA	
43	117233	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 26.2 X LG 111 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TCP80; OFF-SET TAGS 2-HOLE FIXING; FUSE BODY LENGTH: 58 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A4	EA	
44	117234	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 26 X LG 110 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 2692; IEC 282-1; SUPPL P/N: TCP100	EA	
45	117236	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 135 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TF200	EA	
46	117239	FUSE, CARTRIDGE: CURRENT: 400 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 56 X LG 210 MM; INTERRUPT CAPACITY: 80 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TM400; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
47	117240	FUSE, CARTRIDGE: CURRENT: 500 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 85 X LG 212 MM; INTERRUPT CAPACITY: 80 KA; TYPE: INSTANTANEOUS; CASE	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TTM/FFM500; NORMAL INSTANTANEOUS OPERATING; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY HEIGHT 85 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: C2		
48	117243	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 22 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 61 X LG 355 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: LEL OHGMA11/12; 6/87 3XD; HRC, HIGH VOLTAGE OPEN FUSE CUT OUT	EA	
49	117268	FUSE, CARTRIDGE: CURRENT: 36 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 85 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIS36; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
50	117269	FUSE, CARTRIDGE: CURRENT: 100 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
51	117271	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: FSF034-1507; REFERENCE NO: F125MA250V	EA	
52	117274	FUSE, CARTRIDGE: CURRENT: 500 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SPECIFICATION: DIN 41661; REFERENCE NO: DIN41661; FSF034-1513	EA	
53	117278	FUSE, CARTRIDGE: CURRENT: 800 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
54	117299	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 125-250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: FAST BLOW; CASE	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		MATERIAL: GLASS; SUPPL P/N: 632-027; WITH EXTINGUISHING AGENT		
55	117304	FUSE, CARTRIDGE: CURRENT: 75 A; POTENTIAL: 240 V; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 17.4 X LG 34 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; REFERENCE NO: GSA75; GS	EA	
56	117306	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 110 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: TFP125; REFERENCE NO: 5000401; HRC	EA	
57	117307	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 135 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TO BS 66-2; TF125; REFERENCE NO: B2; CLASS Q; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
58	117309	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 660 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 34 X LG 134 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TF160; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
59	117310	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP CENTER TAGS; DIMENSIONS: DIA 41 X LG 159 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TKM315; REFERENCE NO: 50 011 01; DUTY 80, CLASS Q1, WITH FIXING HOLES	EA	
60	117321	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 415 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 35 X LG 109 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-5; HRC, Q1	EA	
61	117322	FUSE, CARTRIDGE: CURRENT: 100 A;	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		POTENTIAL: 415 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 114 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; HRC LINK, LIST NUMBER: AC80, CLASS Q1, SIBA BRAND ONLY		
62	117325	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 50 X LG 135 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TKF250; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3	EA	
63	117327	FUSE, CARTRIDGE: CURRENT: 500 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 55 X LG 130 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: JSU500; REFERENCE NO: JS500	EA	
64	117330	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 11 KVAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 51 X LG 460 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: ADGHC	EA	
65	117336	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 11-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 63.5 X LG 255 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 2692-1956 AMENDMENT 5; SINGLE	EA	
66	117337	FUSE, CARTRIDGE: CURRENT: 36 A; POTENTIAL: 7.2-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 64 X LG 254 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: KEBX036; TYPE GEC, HRC, FREE AIR RATING 32 AMP	EA	
67	117338	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 64 X LG 250 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; LINK, STRIKER	EA	
68	117344	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLOW; CASE MATERIAL:	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		GLASS; SUPPL P/N: FST034-3108		
69	117348	FUSE, CARTRIDGE: CURRENT: 500 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 25 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; REFERENCE NO: F312	EA	
70	117359	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 14 X LG 55 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NIT16; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	EA	
71	117361	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 415 VAC; 250 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 14 X LG 55 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NIT20; TAG ONE SIDE, TWO HOLES	EA	
72	117379	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 550 VAC; CONNECTION TYPE: CENTER TAGS; DIMENSIONS: ID 50 X LG 150 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TKM250; HRC, LIST NO 50 011 01, CODE Q1, 2 HOLE FIXING	EA	
73	117385	FUSE, CARTRIDGE: CURRENT: 200 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; REFERENCE NO: FSF034-1509	EA	
74	117519	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 33 X LG 108 MM; INTERRUPT CAPACITY: 80 KA; TYPE: TIME DELAY; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 PART 1; SHORT TIME AMP 160, MOTOR BRUSH	EA	
75	117525	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 660 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 48 X LG 50 X HT 30 MM; TYPE: INDICATING; CASE MATERIAL: PORCELAIN; SUPPL P/N: 3NE8015; REFERENCE NO: 2020920/25	EA	
76	117526	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 V; CONNECTION TYPE:	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		FERRULE; DIMENSIONS: DIA 22 X LG 51 MM; TYPE: BOTTLE INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 5SA231; DIAZED, HOBART 136203-3		
77	117527	FUSE, CARTRIDGE: CURRENT: 3.15 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
78	117528	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 550 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 21 X LG 79 X HT 35 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 43620; VDE 0636/21; REFERENCE NO: 2000013/100A	EA	
79	117529	FUSE, CARTRIDGE: CURRENT: 35 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 85 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; SUPPL P/N: TIS35AX; REFERENCE NO: TIS35	EA	
80	117530	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: BOTTLE INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 136203-2ISH; 10005004	EA	
81	117533	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 109.4 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: TCP250; HRC, LIST NUMBER: 5000401, CLASS Q1	EA	
82	117534	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 660 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 33.4 X LG 135.7 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-2; SUPPL P/N: 317632; CLASS Q1, B2	EA	
83	117535	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 415-550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 108 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: TF160AX; B2; LOW VOLTAGE HRC, CATEGORY OF DUTY 550AC80, BS DIA, FIX CENTRES 111MM	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

84	117536	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 48 X LG 155 MM; TYPE: ONE TIME REJECTION; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: 5001101/1; LOW VOLTAGE, SIBA, CLASS Q1, CATEGORY OF DUTY 550AC80 MAXIMUM, FIX CENTRES 133MM	EA	
85	117537	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 415-550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 36 X 135 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: SABS 172; LOW VOLTAGE HRC, CLASS Q1, TO THE LATEST EDITION OF SABS 172 AND BEARING THE SABS MARK OF APPROVAL	EA	
86	117538	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 415 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 134 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-2-1975; REFERENCE NO: B2; HRC, LIST NUMBER 5000901, CLASS Q1	EA	
87	117539	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 31 X LG 135 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; IEC 269-2; SABS 172; SUPPL P/N: TC; LOW VOLTAGE HRC, CLASS Q1, TO THE LATEST EDITION OF SABS 172 AND BEARING THE SABS MARK OF APPROVAL	EA	
88	117543	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 300 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10.2 X LG 33.4 MM; TYPE: TIME DELAY; CASE MATERIAL: CERAMIC; REFERENCE NO: SC10; LOW VOLTAGE, CLASS G	EA	
89	117548	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 660 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: GOULD-17539	EA	
90	117549	FUSE, CARTRIDGE: CURRENT: 6.3 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 30 MM; TYPE: MEDIUM TIME LAG;	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		CASE MATERIAL: GLASS; REFERENCE NO: 19405; CURRENT LIMITING; BREAKING CAPACITY C		
91	117550	FUSE, CARTRIDGE: CURRENT: 800 MA; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 30 MM; TYPE: MEDIUM TIME DELAY; CASE MATERIAL: GLASS; CURRENT LIMITING	EA	
92	117551	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 30 MM; TYPE: MEDIUM TIME LAG; CASE MATERIAL: GLASS	EA	
93	117552	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 660 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: WD 30 X LG 79 X HT 45 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3/83/48 VK; VERSION 1 00-80	EA	
94	117553	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 660 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: WD 27 X LG 103 X HT 44 MM; INTERRUPT CAPACITY: 100 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: ISO 9001; REFERENCE NO: VDE0636-23; WITH TWO STEEL LIFE LUGS	EA	
95	117554	FUSE, CARTRIDGE: CURRENT: 400 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE TIME DELAY MEDIUM; CASE MATERIAL: GLASS; SUPPL P/N: CFP; CURRENT LIMITING	EA	
95	117568	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: TIME LAG INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 5SB221; DIAZED, E27 THREAD	EA	
96	117570	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE ANTI SURGE; CASE MATERIAL: GLASS	EA	
97	117571	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
98	117574	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 550 VAC; CONNECTION	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 12 X LG 85 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: ISO 9001; REFERENCE NO: TIA 50-00101		
99	117575	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; SABS 172; REFERENCE NO: A2; TIA4; LOW VOLTAGE, HRC, BS DIAMETER, FIX CENTRES 73MM CATEGORY OF DUTY 550AC80, TO THE LATEST EDITION OF SABS 172 AND BEARING THE SABS MARK OF APPROVAL	EA	
100	117576	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: TIA2AX	EA	
101	117585	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 380 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: PORCELAIN; REFERENCE NO: IFO 4006232	EA	
102	117586	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 220 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
103	117592	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 600 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 25.5 X LG 112 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; REFERENCE NO: A60X100	EA	
104	117593	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 600 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 21 X LG 110 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; REFERENCE NO: A60X50	EA	
105	117599	FUSE, CARTRIDGE: CURRENT: 3 A; POTENTIAL: 7.2-12 KV; DIMENSIONS: DIA 25.5 X LG 194 MM; CASE MATERIAL: CERAMIC; CULLINAN ELECTRICAL, TYPE OMDNN, B8558, END CAPS 31MM LONG BOTH ENDS	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

106	117600	FUSE, CARTRIDGE: CURRENT: 3 A; POTENTIAL: 3.3 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22.2 X LG 143.2 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; ENGLISH ELECTRIC, LIST NUMBER AIR 3.3/3A	EA	
107	117609	FUSE, CARTRIDGE: CURRENT: 355 A; POTENTIAL: 3-7.2 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 76.8 X LG 360 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 282/21; DIN 43625; WITH STRIKER PIN, E=292 MM	EA	
108	117610	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 2 KV; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 52 X LG 258 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: S208850A; S2088; HRC	EA	
109	117612	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 29 X LG 148 X HT 42 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: VDE0636; REFERENCE NO: 3NA4232	EA	
110	117613	FUSE, CARTRIDGE: CURRENT: 630 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 74 X LG 211 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; TYPE C2TTM630X, 3NE 1434 FS 6, SPARES FOR STATION BATTERY CHARGER B1-B6 550	EA	
111	117614	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 800 VAC; CONNECTION TYPE: KNIFE BLADE W/SLOTS; DIMENSIONS: SQ 60 X LG 142 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 43620; REFERENCE NO: 3NE4330; SLOT LENGTH 17MM X 10.5MM	EA	
112	117615	FUSE, CARTRIDGE: CURRENT: 500 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: SQ 70 X LG 150 MM; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: VDE0636/2; SUPPL P/N: 3NA 1434; 3/GL-GI	EA	
113	117616	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 800 VAC; 500 VDC; DIMENSIONS: SQ 60 X LG 142 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 269; VDE 0636;	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		REFERENCE NO: 3NE4327; 3NE4327-OB		
114	117617	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 53 X LG 149 X HT 59 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 3NA3252	EA	
115	117633	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 32 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.4 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; AUTO, ONE TIME	EA	
116	117634	FUSE, CARTRIDGE: CURRENT: 15 A; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.4 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; REFERENCE NO: 13215; AUTOMOBILE, TUBE, 6.3MM DIAMETER, ONE TIME	EA	
117	117635	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 V; TYPE: FAST BLOW; SPECIFICATION: DIN 49515; VDE 0635; SUPPL P/N: 5SB181; DIAZED, SUITABLE FOR E27 THREAD BASE, QUICK RESPONSE	EA	
118	117641	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 415-550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 36 X LG 108 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: TCP100; A4; LOW VOLTAGE HRC, CATEGORY OF DUTY 550AC80, BS DIA, FIX CENTRES 94 MM	EA	
119	117643	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 660 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 30 X LG 77 X HT 47 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NE8 018; TEF 2020920/63	EA	
120	117644	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 40 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3801	EA	
121	117714	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: WD 40 X LG 78 X HT 20 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3820	EA	
122	117733	FUSE, CARTRIDGE: CURRENT: 5 A;	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: EL1621504; ORIGINAL DIAZED, FOR USE ON LP SERVICES, ICE COMPRESSORS		
123	117750	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3822; TEF 2000013/63	EA	
124	117751	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE; DIMENSIONS: WD 40 X LG 85 X HT 22 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3812	EA	
125	117752	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3807	EA	
126	117753	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 3NA3803	EA	
127	117754	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3805	EA	
128	117759	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 21 X LG 79 X HT 40 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3810	EA	
129	117762	FUSE, CARTRIDGE: CURRENT: 355 A; POTENTIAL: 500 VAC; DIMENSIONS: SQ 75 X LG 150 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3254	EA	
130	117780	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 415 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 25 X LG 36 MM; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 49522; REFERENCE	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		NO: 5SE2025; NEOZED, OPERATION CLASS GL TO VDE, DIMENSIONS D02		
131	117781	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 VAC; TYPE: SLO BLO; SPECIFICATION: DIN 49522; SUPPL P/N: 5SE2006; NEOZED, OPERATION CLASS GL TO VDE	EA	
132	117786	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 500 VAC; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 31 X LG 135 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: A4; 3NWTCP80; LOW VOLTAGE HRC, BASE TYPE C, CLASS Q1	EA	
133	117794	FUSE, CARTRIDGE: CURRENT: 30 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 50 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; REFERENCE NO: A50P30; TYPE 1, 150 DEG C MAX	EA	
134	117853	FUSE, CARTRIDGE: CURRENT: 355 A; POTENTIAL: 3.6 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 76.5 X LG 360 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; HIGH VOLTAGE HRC, TYPE WKLAJ355A, STRIKER PIN 3LF562	EA	
135	117854	FUSE, CARTRIDGE: CURRENT: 8 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: CERAMIC; CURRENT LIMITING; GLASS TUBE	EA	
136	117855	FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: PORCELAIN; REFERENCE NO: 059-0112; THYRISTOR CONTROL PANEL FOR INLINE HEATERS	EA	
137	117856	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.5 X LG 33 MM; TYPE: MINIATURE ANTI SURGE; CASE MATERIAL: GLASS; REFERENCE NO: TDC11	EA	
138	117857	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 32 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 26 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

139	117858	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS	EA	
140	117859	FUSE, CARTRIDGE: CURRENT: 15 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; INTERRUPT CAPACITY: 40 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: SABS 172-1977; REFERENCE NO: 5000101/16A; CLASS Q1, BEARING THE SABS MARK OF APPROVAL	EA	
141	117860	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 500 VAC; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: TIME DELAY; CASE MATERIAL: CERAMIC; REFERENCE NO: TRM15; CURRENT RATING 15 AMP, 10000 SC, CURRENT LIMITING; GOULD SHAWNUTTRI-ONICS	EA	
142	117861	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; CAT NO: A50P20 TYPE 1; REFERENCE NO: A50P20 TYPE 1	EA	
143	117862	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 269/2; SUPPL P/N: SIBA-4008210	EA	
144	117863	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 11-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 60 X LG 250 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; OEFMA 3GN 722	EA	
145	117864	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 7.2-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 64 X LG 255 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 2692; SUPPL P/N: KEBX0; 250MVA FREE AIR RATING	EA	
146	117865	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 3.3-3.6 KV; CONNECTION TYPE: SCREW CLAMP OFFSET; DIMENSIONS: DIA 76 X LG 360 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC;	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		SUPPL P/N: 3NV915; WKFH5 -315A; HIGH VOLTAGE, HRC, TYPE LEL		
147	117866	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 40 X LG 124 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: L83408; TO NORME 63211	EA	
148	117874	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 24 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: GLASS; AUTOMOBILE	EA	
149	117907	FUSE, CARTRIDGE: POTENTIAL: 11 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 25.3 X LG 195 MM; INTERRUPT CAPACITY: 52.5 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; FUSEGEAR CT, HRC	EA	
150	117976	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 VAC; TYPE: SLO BLO; SPECIFICATION: DIN 49522; SUPPL P/N: 5SE2016; NEOZED, OPERATION CLASS GL, TO VDE	EA	
151	117997	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 49515; VDE 0635; REFERENCE NO: 5SB171; DIAZED, SUITABLE FOR E27 THREAD BASE, CHARACTERISTIC, QUICK RESPONSE	EA	
152	118002	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 415-440 VAC; CONNECTION TYPE: KNIFE BLADE TAGS; DIMENSIONS: DIA 17.5 X LG 67 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975 Q1; REFERENCE NO: 3NWES63; LOW VOLTAGE HRC, LABEL COLOUR CODE PURPLE, BASE TYPE E, CLASS Q1	EA	
153	118004	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 600 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: RAPID ULTRA INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 50-059-06; LOW VOLTAGE, HRC, STRIKER PIN ON ONE SIDE	EA	
154	118065	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 V; CONNECTION TYPE:	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: 5008601/6; NS6 HRC		
155	118068	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 550-660 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; INTERRUPT CAPACITY: 50 KA; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: TCP; HRC, FOR USE ON CT CUBICLE FANS	EA	
156	118069	FUSE, CARTRIDGE: CURRENT: 355 A; POTENTIAL: 550 V; CONNECTION TYPE: CENTER SCREW CLAMP TAG; DIMENSIONS: DIA 55 X LG 200 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: 5003901/355; HRC, CLASS 1, 4 HOLE FIXING	EA	
157	118105	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415 V; TYPE: LINK; CASE MATERIAL: CERAMIC	EA	
158	118106	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; TYPE: INDICATING BOTTLE; CASE MATERIAL: CERAMIC; NEOZED	EA	
159	118107	FUSE, CARTRIDGE: CURRENT: 35 A; POTENTIAL: 400 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 13 X LG 35 MM; TYPE: SLO BLO, BOTTLE, INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 35A; 400/250 AMP, LINDNER GL, NEOZED	EA	
160	118110	FUSE, CARTRIDGE: CURRENT: 25 A; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 25 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: PLASTIC; OUTOMOBILE	EA	
161	118139	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 13 X LG 54 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: GLASS; SUPPL P/N: NIT2; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	EA	
162	118146	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 13 X LG 54 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NIT10; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		AND CLEARLY MARKED		
163	118158	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 50 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 5SA181; DIAZED	EA	
164	118159	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 49515; SUPPL P/N: 5SB181; REFERENCE NO: VDE0635; DIAZED, SUITABLE FOR E27 THREAD BASE, QUICK RESPONSE	EA	
165	118166	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 600 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 621CPURE14-32; NORMAL INSTANTANEOUS OPERATING, 14MM DIAMETER HOLE, ONE TIME	EA	
166	118168	FUSE, CARTRIDGE: CURRENT: 40 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 85 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIS40; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	EA	
167	118197	FUSE, CARTRIDGE: CURRENT: 400 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: SQ 57 X LG 150 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3260; FUSE, CARTRIDGE; CURRENT 400 A, POTENTIAL 500 VAC, DIMENSIONS SQ 57 X LG 150 MM, TYPE INDICATING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: 3NA3260~FUSE,CARTD;3NA3260,400 A,500 VAC	EA	
168	118211	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE	EA	

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		MATERIAL: GLASS; REFERENCE NO: T1-250; TRANSPARENT BODIED OR WINDOW TYPE		
169	118223	FUSE, CARTRIDGE: CURRENT: 350 A; POTENTIAL: 130 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 25 X LG 68 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; REFERENCE NO: A13X350	EA	
170	118224	FUSE, CARTRIDGE: CURRENT: 450 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 75 X LG 210 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: TTM450	EA	
171	118235	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: PORCELAIN; REFERENCE NO: S25	EA	
172	118239	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP CENTER TAGS; DIMENSIONS: DIA 26.2 X LG 128.7 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; MODEL NO: TBC 63; HRC, OR APPROVED EQUIVALENT, 8.70MM W SLOT, 111MM MTG CENTERS, ONE TIME, HOLE BLOWN IN LABLE	EA	
173	118266	FUSE, CARTRIDGE: CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 7.5 X LG 45 MM; TYPE: TRIP INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: GS700; REFERENCE NO: T1300; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED	EA	
174	118272	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 240 VAC; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 17 X LG 55 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC	EA	
175	118274	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 500-550 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 21.4 X LG 90.5 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 PART 1; CAT NO: A3; CLASS Q1, LIST NO 13163	EA	
176	118276	FUSE, CARTRIDGE: CURRENT: 75 A; POTENTIAL: 660 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA	EA	

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		16 X LG 78 MM; TYPE: INSTANTANEOUS; CASE MATERIAL: CERAMIC; SUPPL P/N: GSB75; REFERENCE NO: 5007306/75A; HRC, NORMAL OPERATING, OFFSET AXIAL LUG TYPE 6.4 MM, W SLOT 63.2 MM MTG CENTERS, ONE TIME, NON INDICATING		
177	118284	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 49 X LG 135 X HT 44 MM; INTERRUPT CAPACITY: 120 KA; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 20003 13; NH1 GL GG	EA	
178	118288	FUSE, CARTRIDGE: CURRENT: 630 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 70 X LG 150 X HT 79 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3372	EA	
179	118303	FUSE, CARTRIDGE: CURRENT: 250 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: 5 X 20	EA	
180	118304	FUSE, CARTRIDGE: CURRENT: 0.5 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: TIME DELAY SLO BLO; CASE MATERIAL: GLASS; REFERENCE NO: 19195; T0-5-250	EA	
181	118306	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 30 MM; TYPE: INDICATING; CASE MATERIAL: GLASS; REFERENCE NO: BUSSGL02; SPRING LOADED	EA	
182	118309	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; REFERENCE NO: C63210; TYPE GL	EA	
183	118316	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MEDIUM TIME LAG; CASE MATERIAL: GLASS; SUPPL P/N: 520.623; CURRENT LIMITING; ONE TIME, NON INDICATING, ESKA	EA	
184	118327	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X	EA	

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		LG 36.5 MM; TYPE: BOTTLE INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 5SE2016; NEOZED		
185	0118338	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 660 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 621CPURE22-32; FOR USE ON ASH STACKING SYSTEM	EA	
186	118345	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 600 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 621CP URE; 22-32, PIN EXTENDS FROM END	EA	
187	118359	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 3.3-3.6 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 68 X LG 255 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; HIGH VOLTAGE, COMPLETE WITH STRIKER PIN INDICATION, LEL, TYPE OEFMA	EA	
188	118362	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 600 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 34.6 X LG 106.4 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: GSB250	EA	
189	118364	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 3.3-3.6 KV; CONNECTION TYPE: LUG AXIAL OFFSET SCREW CLAMP; DIMENSIONS: DIA 76 X LG 336.55 MM; TYPE: INSTANTANEOUS INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: WKFHO; HRC LEL, COMPLETE WITH STRIKER PIN; NORMAL OPERATING, 10MM WIDE SLOT, 31.75 X 304MM CENTERS, ONE TIME, PIN EXTENDS FROM END	EA	
190	118367	FUSE, CARTRIDGE: CURRENT: 350 A; POTENTIAL: 200 V; CONNECTION TYPE: LUG AXIAL OFFSET SCREW CLAMP; DIMENSIONS: DIA 34.6 X LG 85 MM; INTERRUPT CAPACITY: 100 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: GSD350; HRC, 10.3MM WIDE SLOT, 60.3MM MOUNTING CENTRE, ONE TIME	EA	
191	118369	FUSE, CARTRIDGE: CURRENT: 350 A; POTENTIAL: 3.3 KVAC; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS;	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		DIMENSIONS: DIA 80 X LG 340 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: K81PEX350A; TYPE AKFHO, COMPLETE WITH STRIKER PIN INDICATOR , LEL		
192	118434	FUSE, CARTRIDGE: CURRENT: 500 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLO, MINIATURE; CASE MATERIAL: GLASS; REFERENCE NO: M0-5-250C; CURRENT LIMITING; TYPE CEB	EA	
193	118438	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: M4-250G; COLOURED BEAD EXTENDS FROM ONE END	EA	
194	118441	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 VAC; 250 VDC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 36 MM; TYPE: BOTTLE INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: D01; REFERENCE NO: 5SE2006; NEOZED	EA	
195	118444	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415-500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 36 MM; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 49 522; REFERENCE NO: 5SE2010; NEOZED, OPERATION CLASS GL TO VDE	EA	
196	118461	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 48 X LG 78 X HT 20 MM; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 43620; VDE 0636/21; REFERENCE NO: 3NA4832; LINK, CLASS GL	EA	
197	118481	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIA32; HRCFUSE BODY LENGTH: 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A2	EA	
198	118497	FUSE, CARTRIDGE: CURRENT: 80 A;	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		POTENTIAL: 600 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 25 X LG 112 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; CAT NO: A60X80TYPE4; REFERENCE NO: A60X80		
200	118510	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 35 X LG 80 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: VDE0636; REFERENCE NO: 3NA4824; SIZE NH00C	EA	
201	118512	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 690 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 30 X LG 80 MM; TYPE: ULTRA RAPID INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 269; VDE 0636; SUPPL P/N: 2020920/100A; REFERENCE NO: 3NE8021	EA	
202	118513	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415-550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 14 X LG 54 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: 5008501/10A	EA	
203	118518	FUSE, CARTRIDGE: CURRENT: 560 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 75.5 X LG 207 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TTM560	EA	
204	118983	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: SLO BLO; CASE MATERIAL: PORCELAIN; REFERENCE NO: 133 04; CURRENT LIMITING; TYPE GL	EA	
205	119008	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: SLO BLO; CASE MATERIAL: PORCELAIN; REFERENCE NO: 133 10; CURRENT LIMITING; GL	EA	
206	119101	FUSE, CARTRIDGE: CURRENT: 3 A; POTENTIAL: 600 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 35 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC	EA	
207	119131	FUSE, CARTRIDGE: CURRENT: 90 A; POTENTIAL: 7.2-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 64 X LG 355 MM; INTERRUPT CAPACITY: 40	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 2692-1975; STRIKER PIN, TYPE KEMXO90A, FUSE GEAR, 20KA		
208	119133	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: SQ 47 X LG 134 MM; INTERRUPT CAPACITY: 120 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 2000313/250; 3NA4144	EA	
209	119134	FUSE, CARTRIDGE: CONNECTION TYPE: BOLTED; DIMENSIONS: DIA 40.4 X LG 134 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: S2110-399; ENGLISH ELECTRIC	EA	
210	119139	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 24 X LG 87 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: 5000201; TIS50; CLASS Q1	EA	
211	119181	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 400 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: AM25	EA	
212	119182	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 380 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: GF32; 4006232; IFO	EA	
213	119183	FUSE, CARTRIDGE: CURRENT: 1.6 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
214	119184	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
215	119185	FUSE, CARTRIDGE: CURRENT: 800 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS; TUBE	EA	
216	119186	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 V; CONNECTION TYPE:	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		FERRULE; DIMENSIONS: DIA 6 X LG 25 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS		
217	119187	FUSE, CARTRIDGE: CURRENT: 1.25 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
218	119188	FUSE, CARTRIDGE: CURRENT: 1.6 A; POTENTIAL: 125-250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
219	119189	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS; SPECIFICATION: ISO 9001	EA	
220	119190	FUSE, CARTRIDGE: CURRENT: 2.5 A; POTENTIAL: 125 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 25 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
221	119191	FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
222	119192	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS	EA	
223	119194	FUSE, CARTRIDGE: CURRENT: 800 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS	EA	
224	119209	FUSE, CARTRIDGE: CONNECTION TYPE: BOLTED; DIMENSIONS: DIA 34 X LG 137 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; MODEL NO: S2147	EA	
225	119558	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 3.6-7.2 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 194 MM; TYPE: VTDNN; CASE MATERIAL: CERAMIC; SUPPL P/N: B6780; VTDNN; 12 KV, FOR USE ON ASH STACKER	EA	
226	210336	FUSE, CARTRIDGE: CURRENT: 32 A;	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		POTENTIAL: 415 VAC; INTERRUPT CAPACITY: 80 KA; TYPE: COMPACT DIMENSION FUSE LINKS; SPECIFICATION: BS 88; IEC 60269-2; SUPPL P/N: NS32A; CLASS CARTRIDGE, LAWSON CLIPFIT, DUAL FOR CURRENT/TIME LIMITOR, ON DELIVERY A TEST CERTIFICATE FOR RECOVERY VOLTAGE		
227	210602	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 415 VAC; CASE MATERIAL: GLASS; SPECIFICATION: IEC 60269-2; SUPPL P/N: NS32A; CONNECTION BS88	EA	
228	220812	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 550 VAC; CONNECTION TYPE: BLADE; DIMENSIONS: DIA 10 X LG 32 MM; TYPE: OFFSET; CASE MATERIAL: CERAMIC; SUPPL P/N: A87721/93/59	EA	
229	222661	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 550 V; CONNECTION TYPE: BLADE; DIMENSIONS: DIA 10 X LG 35 MM; CASE MATERIAL: CERAMIC; SUPPL P/N: 10 FOG; REFERENCE NO: A87721/93/60; FOR USE ON STACKER	EA	
230	222662	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 11 KV; CONNECTION TYPE: PUSH IN; DIMENSIONS: DIA 62 X LG 254 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: OEFMA; FOR USE ON STACKER	EA	
231	222664	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 600 V; CONNECTION TYPE: STUD; DIMENSIONS: SQ 40 MM; TYPE: DC PANEL; CASE MATERIAL: CERAMIC; REFERENCE NO: A87721/93/3; FOR USE ON STACKER	EA	

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

232	222665	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 600 V; CONNECTION TYPE: STUD; DIMENSIONS: WD 102 X LG 143 MM; TYPE: SLEW DC; CASE MATERIAL: CERAMIC; SUPPL P/N: J8996; FOR USE ON STACKER	EA	
233	222666	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 600 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 10 X LG 37 MM; TYPE: PANEL; CASE MATERIAL: CERAMIC; REFERENCE NO: A87721/93/58; FOR USE ON STACKER	EA	

SPARES IDENTIFICATION

The above technical specification lists all the spares to be procured under this works information.

This list shall correspond to the provided hardcopy DCF's that will contain more information about required spares.

Each spare is identifiable by means of component/part description, OEM and/or OEM part number. Where the information available on the spares list on the above technical specification or that supplied by materials management as catalogued is not sufficient to positively identify the applicable spare, the *Supplier* shall notify the *Employer* such that the *Employer* can assist the *Supplier* in identifying the correct spare.

The spares to be provided to be the same as the original component, in all technical respects, as those utilised on the equipment it is intended for. This includes, but is not limited to, design (including dimensions and material specifications) and manufacturing (including manufacturing processes, standards and acceptance testing).

The *Supplier* shall be liable to replace a supplied spare that is found to be defective and/or wrong.

Note:

- ***Supplier* to provide unit price only no totalling of prices will be allowed.**
- **Prices will be fixed and firm for the 1st year. CPA will be applicable from 16 months after tender closure date, using SEIFSA table with base date prior the closing month of the enquiry. 15% will be fixed for the duration of the contract.**
- **CPA proportions to be submitted with Tender returnables.**
- **Complete price breakdown must be supplied with the quotation and must include the cost of transport to Tutuka Power Station.**
- **Quantities will be ordered as and when required, quantities attached are for estimates. *Purchaser* reserves the right not to order all quantities**

Supply and delivery of electrical switchgear fuses on an as and when required “basis” for a period of 5 years.

PART 3: SCOPE OF WORK

Document reference	Title
	This cover page
C3.1	<i>Purchaser's</i> Goods Information
C3.2	<i>Supplier's</i> Goods Information

Supply and delivery of electrical switchgear fuses on an as and when required “basis” for a period of 5 years.

C3.1: *PURCHASER’S* GOODS INFORMATION

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Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

1 Overview and purpose of the goods and services

Supply and deliver of Electrical switchgear fuses on an as and when required "basis" for a period of 5 years

2 Specification and description of the goods

As per full technical specification given on Goods Information / Price schedule Specifications (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.

Technical Specifications

Item No:	Material number	Description
1	4501	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: TIME LAG MEDIUM; CASE MATERIAL: CERAMIC; SUPPL P/N: NS16; FUSE, CARTRIDGE; CURRENT 16 A, POTENTIAL 415 VAC, DIMENSIONS DIA 14 X LG 60 MM, TYPE TIME LAG MEDIUM, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: NS16~FUSE,CARTD;NS16,16 A,415 VAC,CERAMIC
2	4504	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: GLASS; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: NS2; FUSE, CARTRIDGE; CURRENT 2 A, POTENTIAL 415 V, DIMENSIONS DIA 14 X LG 60 MM, TYPE CURRENT LIMITING, CASE MATERIAL GLASS, CONNECTION TYPE BLADE KNIFE, PART NUMBER: NS2 FUSE,CARTD; NS2,2 A,415 V,BLADE KNIFE; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
3	4507	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NS6A; SUPPLIER NOTE, THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED
4	4509	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: NS10A; FUSE, CARTRIDGE; CURRENT 10 A, POTENTIAL 415 V, DIMENSIONS DIA 14 X LG 60 MM, TYPE CURRENT LIMITING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: NS10A FUSE,CARTD;NS10A,10 A,415 V,BLADE KNIFE; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
5	4527	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 240 V; CONNECTION TYPE: BLADE KNIFE TAGS; DIMENSIONS: DIA 12 X LG 47 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: SS20; FUSE, CARTRIDGE; CURRENT 20 A, POTENTIAL 240 V, DIMENSIONS DIA 12 X LG 47 MM, TYPE CURRENT LIMITING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE TAGS, PART NUMBER:

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		SS20~FUSE,CARTD;SS20,20 A,240 V,CERAMIC
6	4530	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 35 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SPECIFICATION: BS 88-1967; SUPPL P/N: NS25; HRC, CLASS Q1, ASTA CERTIFIED FOR CATEGORY OF DUTY 415AC80
7	4537	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 46.6 X LG 132.6 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: NH1; REFERENCE NO: 3NA3140
8	4538	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 28 X LG 78 X HT 42 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3836; FUSE, CARTRIDGE; CURRENT 160 A, POTENTIAL 500 VAC, DIMENSIONS WD 28 X LG 78 X HT 42 MM, TYPE INDICATING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: 3NA3836~FUSE,CARTD;3NA3836,160 A,500 VAC
9	4540	FUSE, CARTRIDGE: CURRENT: 40 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 21 X LG 79 X HT 40 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; MANUF P/N: 3NA3817
10	4544	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 40 X LG 46 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3824
11	4658	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 13.9 X LG 55.6 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: NIT4; HIGH RUPTURING, CAPACITY
12	117135	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 23 X LG 50 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 1000504/2A; DIAZED, QUICK RESPONSE, COMP PUMP
13	117136	FUSE, CARTRIDGE: CURRENT: 1.6 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 4 X LG 20 MM; TYPE: INDICATING; CASE MATERIAL: GLASS; SUPPL P/N: CEB-1.6A
14	117137	FUSE, CARTRIDGE: CURRENT: 100 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
15	117138	FUSE, CARTRIDGE: CURRENT: 250 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
16	117139	FUSE, CARTRIDGE: CURRENT: 500 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE; CASE MATERIAL: GLASS; SUPPL P/N: 3AG; CURRENT LIMITING
17	117140	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: 6332 LT; CURRENT LIMITING
18	117141	FUSE, CARTRIDGE: CURRENT: 2.5 A; POTENTIAL: 250 V; CONNECTION

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		TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
19	117142	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: 6332 LT
20	117143	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
21	117144	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS; REFERENCE NO: 19195
22	117145	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 220 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SUPER FLINK
23	117146	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS
24	117147	FUSE, CARTRIDGE: CURRENT: 15 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS
25	117148	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLO, MINIATURE; CASE MATERIAL: GLASS
26	117149	FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
27	117150	FUSE, CARTRIDGE: CURRENT: 6.3 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
28	117151	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 250 V; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: PORCELAIN; AMHERD TYPE, SUPER FLINK
29	117152	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 600 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 21 X LG 127 MM; TYPE: TIME DELAY DUAL ELEMENT; CASE MATERIAL: FIBER; REFERENCE NO: TRS25R
30	117153	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 600 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 21 X LG 127 MM; TYPE: TIME DELAY DUAL ELEMENT; CASE MATERIAL: FIBER; REFERENCE NO: TS25R
31	117154	FUSE, CARTRIDGE: CURRENT: 15 A; POTENTIAL: 600 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 20.5 X LG 126 MM; TYPE: TIME DELAY INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: TRS15R; RELIANCE R5K
32	117155	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 50 X LG 135 MM; TYPE: ONE TIME REJECTION; CASE MATERIAL: CERAMIC; LOW VOLTAGE, HRC, GEC, CLASS Q1, CATEGORY OF DUTY 550AC80, BS DIAMETER REFERENCE B3, 111 MM FIX CENTRES, TO BS88 1975, TO

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		THE LATEST EDITION OF SABS 172 AND BEARING THE SABS MARK OF APPROVAL
33	117156	FUSE, CARTRIDGE: CURRENT: 3 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: CERAMIC; CURRENT LIMITING; GLASS TUBE, SIZE 5MM DIAMETER X 20MM LONG
34	117218	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NS4; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
35	117220	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 14 X LG 54 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NIT6; ONE SIDE, TWO HOLES
36	117221	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 660 VAC; CONNECTION TYPE: SCREW CLAMP OFFSET HOLE; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TIA6; 73 MM HOLE CENTRES
37	117224	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 86 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; SUPPL P/N: TIA10; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A2
38	117225	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIA16; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
39	117226	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 415 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 13.9 X LG 60.3 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: NS20; FUSE, CARTRIDGE; CURRENT 20 A, POTENTIAL 415 VAC, DIMENSIONS DIA 13.9 X LG 60.3 MM, TYPE CURRENT LIMITING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: NS20~FUSE, CARTD; NS20,20 A,415 VAC, CERAMIC; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
40	117227	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIA20; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
41	117229	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 80 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TIA25; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND

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		CLEARLY MARKED; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
42	117232	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 85 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1967; SUPPL P/N: TIS63; CLASS Q1
43	117233	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 26.2 X LG 111 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TCP80; OFF-SET TAGS 2-HOLE FIXING; FUSE BODY LENGTH: 58 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A4
44	117234	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 26 X LG 110 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 2692; IEC 282-1; SUPPL P/N: TCP100
45	117236	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 135 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TF200
46	117239	FUSE, CARTRIDGE: CURRENT: 400 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 56 X LG 210 MM; INTERRUPT CAPACITY: 80 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TM400; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
47	117240	FUSE, CARTRIDGE: CURRENT: 500 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 85 X LG 212 MM; INTERRUPT CAPACITY: 80 KA; TYPE: INSTANTANEOUS; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TTM/FFM500; NORMAL INSTANTANEOUS OPERATING; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY HEIGHT 85 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: C2
48	117243	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 22 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 61 X LG 355 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: LEL OHGMA11/12; 6/87 3XD; HRC, HIGH VOLTAGE OPEN FUSE CUT OUT
49	117268	FUSE, CARTRIDGE: CURRENT: 36 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 85 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIS36; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
50	117269	FUSE, CARTRIDGE: CURRENT: 100 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
51	117271	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: FSF034-1507;

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		REFERENCE NO: F125MA250V
52	117274	FUSE, CARTRIDGE: CURRENT: 500 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SPECIFICATION: DIN 41661; REFERENCE NO: DIN41661; FSF034-1513
53	117278	FUSE, CARTRIDGE: CURRENT: 800 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
54	117299	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 125-250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: 632-027; WITH EXTINGUISHING AGENT
55	117304	FUSE, CARTRIDGE: CURRENT: 75 A; POTENTIAL: 240 V; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 17.4 X LG 34 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; REFERENCE NO: GSA75; GS
56	117306	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 110 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: TFP125; REFERENCE NO: 5000401; HRC
57	117307	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 135 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TO BS 66-2; TF125; REFERENCE NO: B2; CLASS Q; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
58	117309	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 660 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 34 X LG 134 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TF160; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
59	117310	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP CENTER TAGS; DIMENSIONS: DIA 41 X LG 159 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TKM315; REFERENCE NO: 50 011 01; DUTY 80, CLASS Q1, WITH FIXING HOLES
60	117321	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 415 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 35 X LG 109 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-5; HRC, Q1
61	117322	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 415 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 114 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; HRC LINK, LIST NUMBER: AC80, CLASS Q1, SIBA BRAND ONLY
62	117325	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 50 X LG 135 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N:

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		TKF250; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3
63	117327	FUSE, CARTRIDGE: CURRENT: 500 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 55 X LG 130 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: JSU500; REFERENCE NO: JS500
64	117330	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 11 KVAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 51 X LG 460 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: ADGHC
65	117336	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 11-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 63.5 X LG 255 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 2692-1956 AMENDMENT 5; SINGLE
66	117337	FUSE, CARTRIDGE: CURRENT: 36 A; POTENTIAL: 7.2-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 64 X LG 254 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: KEBX036; TYPE GEC, HRC, FREE AIR RATING 32 AMP
67	117338	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 64 X LG 250 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; LINK, STRIKER
68	117344	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS; SUPPL P/N: FST034-3108
69	117348	FUSE, CARTRIDGE: CURRENT: 500 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 25 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; REFERENCE NO: F312
70	117359	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 14 X LG 55 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NIT16; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
71	117361	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 415 VAC; 250 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 14 X LG 55 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NIT20; TAG ONE SIDE, TWO HOLES
72	117379	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 550 VAC; CONNECTION TYPE: CENTER TAGS; DIMENSIONS: ID 50 X LG 150 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TKM250; HRC, LIST NO 50 011 01, CODE Q1, 2 HOLE FIXING
73	117385	FUSE, CARTRIDGE: CURRENT: 200 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; REFERENCE NO: FSF034-1509
74	117519	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 33 X LG 108 MM; INTERRUPT CAPACITY: 80 KA; TYPE: TIME DELAY; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 PART 1; SHORT TIME AMP 160, MOTOR BRUSH

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75	117525	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 660 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 48 X LG 50 X HT 30 MM; TYPE: INDICATING; CASE MATERIAL: PORCELAIN; SUPPL P/N: 3NE8015; REFERENCE NO: 2020920/25
76	117526	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 51 MM; TYPE: BOTTLE INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 5SA231; DIAZED, HOBART 136203-3
77	117527	FUSE, CARTRIDGE: CURRENT: 3.15 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
78	117528	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 550 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 21 X LG 79 X HT 35 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 43620; VDE 0636/21; REFERENCE NO: 2000013/100A
79	117529	FUSE, CARTRIDGE: CURRENT: 35 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 85 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88; SUPPL P/N: TIS35AX; REFERENCE NO: TIS35
80	117530	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: BOTTLE INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 136203-2ISH; 10005004
81	117533	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 109.4 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: TCP250; HRC, LIST NUMBER: 5000401, CLASS Q1
82	117534	FUSE, CARTRIDGE: CURRENT: 200 A; POTENTIAL: 660 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 33.4 X LG 135.7 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-2; SUPPL P/N: 317632; CLASS Q1, B2
83	117535	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 415-550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 108 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: TF160AX; B2; LOW VOLTAGE HRC, CATEGORY OF DUTY 550AC80, BS DIA, FIX CENTRES 111MM
84	117536	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 48 X LG 155 MM; TYPE: ONE TIME REJECTION; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: 5001101/1; LOW VOLTAGE, SIBA, CLASS Q1, CATEGORY OF DUTY 550AC80 MAXIMUM, FIX CENTRES 133MM
85	117537	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 415-550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 36 X 135 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: SABS 172; LOW VOLTAGE HRC, CLASS Q1, TO THE LATEST EDITION OF SABS 172 AND BEARING THE SABS MARK OF APPROVAL

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86	117538	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 415 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 40 X LG 134 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-2-1975; REFERENCE NO: B2; HRC, LIST NUMBER 5000901, CLASS Q1
87	117539	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 31 X LG 135 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; IEC 269-2; SABS 172; SUPPL P/N: TC; LOW VOLTAGE HRC, CLASS Q1, TO THE LATEST EDITION OF SABS 172 AND BEARING THE SABS MARK OF APPROVAL
88	117543	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 300 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10.2 X LG 33.4 MM; TYPE: TIME DELAY; CASE MATERIAL: CERAMIC; REFERENCE NO: SC10; LOW VOLTAGE, CLASS G
89	117548	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 660 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: GOULD-17539
90	117549	FUSE, CARTRIDGE: CURRENT: 6.3 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 30 MM; TYPE: MEDIUM TIME LAG; CASE MATERIAL: GLASS; REFERENCE NO: 19405; CURRENT LIMITING; BREAKING CAPACITY C
91	117550	FUSE, CARTRIDGE: CURRENT: 800 MA; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 30 MM; TYPE: MEDIUM TIME DELAY; CASE MATERIAL: GLASS; CURRENT LIMITING
92	117551	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 30 MM; TYPE: MEDIUM TIME LAG; CASE MATERIAL: GLASS
93	117552	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 660 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: WD 30 X LG 79 X HT 45 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3/83/48 VK; VERSION 1 00-80
94	117553	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 660 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: WD 27 X LG 103 X HT 44 MM; INTERRUPT CAPACITY: 100 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: ISO 9001; REFERENCE NO: VDE0636-23; WITH TWO STEEL LIFE LUGS
95	117554	FUSE, CARTRIDGE: CURRENT: 400 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE TIME DELAY MEDIUM; CASE MATERIAL: GLASS; SUPPL P/N: CFP; CURRENT LIMITING
95	117568	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: TIME LAG INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 5SB221; DIAZED, E27 THREAD
96	117570	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE ANTI SURGE; CASE MATERIAL: GLASS
97	117571	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION

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		TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
98	117574	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 12 X LG 85 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: ISO 9001; REFERENCE NO: TIA 50-00101
99	117575	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; SABS 172; REFERENCE NO: A2; TIA4; LOW VOLTAGE, HRC, BS DIAMETER, FIX CENTRES 73MM CATEGORY OF DUTY 550AC80, TO THE LATEST EDITION OF SABS 172 AND BEARING THE SABS MARK OF APPROVAL
100	117576	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: TIA2AX
101	117585	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 380 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: PORCELAIN; REFERENCE NO: IFO 4006232
102	117586	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 220 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
103	117592	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 600 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 25.5 X LG 112 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; REFERENCE NO: A60X100
104	117593	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 600 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 21 X LG 110 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; REFERENCE NO: A60X50
105	117599	FUSE, CARTRIDGE: CURRENT: 3 A; POTENTIAL: 7.2-12 KV; DIMENSIONS: DIA 25.5 X LG 194 MM; CASE MATERIAL: CERAMIC; CULLINAN ELECTRICAL, TYPE OMDNN, B8558, END CAPS 31MM LONG BOTH ENDS
106	117600	FUSE, CARTRIDGE: CURRENT: 3 A; POTENTIAL: 3.3 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22.2 X LG 143.2 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; ENGLISH ELECTRIC, LIST NUMBER AIR 3.3/3A
107	117609	FUSE, CARTRIDGE: CURRENT: 355 A; POTENTIAL: 3-7.2 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 76.8 X LG 360 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 282/21; DIN 43625; WITH STRIKER PIN, E=292 MM
108	117610	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 2 KV; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 52 X LG 258 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: S208850A; S2088; HRC
109	117612	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 500 VAC;

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

		CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 29 X LG 148 X HT 42 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: VDE0636; REFERENCE NO: 3NA4232
110	117613	FUSE, CARTRIDGE: CURRENT: 630 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 74 X LG 211 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; TYPE C2TTM630X, 3NE 1434 FS 6, SPARES FOR STATION BATTERY CHARGER B1-B6 550
111	117614	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 800 VAC; CONNECTION TYPE: KNIFE BLADE W/SLOTS; DIMENSIONS: SQ 60 X LG 142 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 43620; REFERENCE NO: 3NE4330; SLOT LENGTH 17MM X 10.5MM
112	117615	FUSE, CARTRIDGE: CURRENT: 500 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: SQ 70 X LG 150 MM; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: VDE0636/2; SUPPL P/N: 3NA 1434; 3/GL-GI
113	117616	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 800 VAC; 500 VDC; DIMENSIONS: SQ 60 X LG 142 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 269; VDE 0636; REFERENCE NO: 3NE4327; 3NE4327-OB
114	117617	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 53 X LG 149 X HT 59 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 3NA3252
115	117633	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 32 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.4 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; AUTO, ONE TIME
116	117634	FUSE, CARTRIDGE: CURRENT: 15 A; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.4 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; REFERENCE NO: 13215; AUTOMOBILE, TUBE, 6.3MM DIAMETER, ONE TIME
117	117635	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 V; TYPE: FAST BLOW; SPECIFICATION: DIN 49515; VDE 0635; SUPPL P/N: 5SB181; DIAZED, SUITABLE FOR E27 THREAD BASE, QIUCK RESPONSE
118	117641	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 415-550 VAC; 460 VDC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 36 X LG 108 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: TCP100; A4; LOW VOLTAGE HRC, CATEGOTY OF DUTY 550AC80, BS DIA, FIX CENTRES 94 MM
119	117643	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 660 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 30 X LG 77 X HT 47 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NE8 018; TEF 2020920/63
120	117644	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 40 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3801
121	117714	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: WD 40 X LG 78 X HT 20

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		MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3820
122	117733	FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: EL1621504; ORIGINAL DIAZED, FOR USE ON LP SERVICES, ICE COMPRESSORS
123	117750	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3822; TEF 2000013/63
124	117751	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE; DIMENSIONS: WD 40 X LG 85 X HT 22 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3812
125	117752	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3807
126	117753	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 3NA3803
127	117754	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 20 X LG 78 X HT 36 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3805
128	117759	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 21 X LG 79 X HT 40 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3810
129	117762	FUSE, CARTRIDGE: CURRENT: 355 A; POTENTIAL: 500 VAC; DIMENSIONS: SQ 75 X LG 150 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3254
130	117780	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 415 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 25 X LG 36 MM; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 49522; REFERENCE NO: 5SE2025; NEOZED, OPERATION CLASS GL TO VDE, DIMENSIONS D02
131	117781	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 VAC; TYPE: SLO BLO; SPECIFICATION: DIN 49522; SUPPL P/N: 5SE2006; NEOZED, OPERATION CLASS GL TO VDE
132	117786	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 500 VAC; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 31 X LG 135 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975; REFERENCE NO: A4; 3NWTCP80; LOW VOLTAGE HRC, BASE TYPE C, CLASS Q1
133	117794	FUSE, CARTRIDGE: CURRENT: 30 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 50 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; REFERENCE NO: A50P30; TYPE 1, 150 DEG C MAX
134	117853	FUSE, CARTRIDGE: CURRENT: 355 A; POTENTIAL: 3.6 KV; CONNECTION

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		TYPE: FERRULE; DIMENSIONS: DIA 76.5 X LG 360 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; HIGH VOLTAGE HRC, TYPE WKLAJ355A, STRIKER PIN 3LF562
135	117854	FUSE, CARTRIDGE: CURRENT: 8 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: CERAMIC; CURRENT LIMITING; GLASS TUBE
136	117855	FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 32 MM; TYPE: FAST BLOW; CASE MATERIAL: PORCELAIN; REFERENCE NO: 059-0112; THYRISTOR CONTROL PANEL FOR INLINE HEATERS
137	117856	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.5 X LG 33 MM; TYPE: MINIATURE ANTI SURGE; CASE MATERIAL: GLASS; REFERENCE NO: TDC11
138	117857	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 32 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 26 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
139	117858	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLOW; CASE MATERIAL: GLASS
140	117859	FUSE, CARTRIDGE: CURRENT: 15 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; INTERRUPT CAPACITY: 40 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: SABS 172-1977; REFERENCE NO: 5000101/16A; CLASS Q1, BEARING THE SABS MARK OF APPROVAL
141	117860	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 500 VAC; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: TIME DELAY; CASE MATERIAL: CERAMIC; REFERENCE NO: TRM15; CURRENT RATING 15 AMP, 10000 SC, CURRENT LIMITING; GOULD SHAWNUTTRI-ONICS
142	117861	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; CAT NO: A50P20 TYPE 1; REFERENCE NO: A50P20 TYPE 1
143	117862	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 269/2; SUPPL P/N: SIBA-4008210
144	117863	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 11-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 60 X LG 250 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; OEFMA 3GN 722
145	117864	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 7.2-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 64 X LG 255 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 2692; SUPPL P/N: KEBX0; 250MVA FREE AIR RATING
146	117865	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 3.3-3.6 KV; CONNECTION TYPE: SCREW CLAMP OFFSET; DIMENSIONS: DIA 76 X LG 360 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NV915; WKFH5 -315A; HIGH VOLTAGE, HRC, TYPE LEL

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147	117866	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 500 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 40 X LG 124 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: L83408; TO NORME 63211
148	117874	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 24 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: GLASS; AUTOMOBILE
149	117907	FUSE, CARTRIDGE: POTENTIAL: 11 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 25.3 X LG 195 MM; INTERRUPT CAPACITY: 52.5 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; FUSEGEAR CT, HRC
150	117976	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 VAC; TYPE: SLO BLO; SPECIFICATION: DIN 49522; SUPPL P/N: 5SE2016; NEOZED, OPERATION CLASS GL, TO VDE
151	117997	FUSE, CARTRIDGE: CURRENT: 20 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 49515; VDE 0635; REFERENCE NO: 5SB171; DIAZED, SUITABLE FOR E27 THREAD BASE, CHARACTERISTIC, QUICK RESPONSE
152	118002	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 415-440 VAC; CONNECTION TYPE: KNIFE BLADE TAGS; DIMENSIONS: DIA 17.5 X LG 67 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88-1975 Q1; REFERENCE NO: 3NWES63; LOW VOLTAGE HRC, LABEL COLOUR CODE PURPLE, BASE TYPE E, CLASS Q1
153	118004	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 600 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: RAPID ULTRA INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 50-059-06; LOW VOLTAGE, HRC, STRIKER PIN ON ONE SIDE
154	118065	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 14 X LG 60 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: 5008601/6; NS6 HRC
155	118068	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 550-660 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; INTERRUPT CAPACITY: 50 KA; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: TCP; HRC, FOR USE ON CT CUBICLE FANS
156	118069	FUSE, CARTRIDGE: CURRENT: 355 A; POTENTIAL: 550 V; CONNECTION TYPE: CENTER SCREW CLAMP TAG; DIMENSIONS: DIA 55 X LG 200 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: 5003901/355; HRC, CLASS 1, 4 HOLE FIXING
157	118105	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415 V; TYPE: LINK; CASE MATERIAL: CERAMIC
158	118106	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 415 V; CONNECTION TYPE: BLADE KNIFE; TYPE: INDICATING BOTTLE; CASE MATERIAL: CERAMIC; NEOZED
159	118107	FUSE, CARTRIDGE: CURRENT: 35 A; POTENTIAL: 400 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 13 X LG 35 MM; TYPE: SLO BLO, BOTTLE, INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 35A; 400/250 AMP, LINDNER GL, NEOZED

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160	118110	FUSE, CARTRIDGE: CURRENT: 25 A; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 25 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: PLASTIC; OUTOMOBILE
161	118139	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 13 X LG 54 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: GLASS; SUPPL P/N: NIT2; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
162	118146	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 13 X LG 54 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: NIT10; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
163	118158	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 50 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 5SA181; DIAZED
164	118159	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 50 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 49515; SUPPL P/N: 5SB181; REFERENCE NO: VDE0635; DIAZED, SUITABLE FOR E27 THREAD BASE, QUICK RESPONSE
165	118166	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 600 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: FAST BLOW INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 621CPURE14-32; NORMAL INSTANTANEOUS OPERATING, 14MM DIAMETER HOLE, ONE TIME
166	118168	FUSE, CARTRIDGE: CURRENT: 40 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 85 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIS40; BS 88 OR IEC 60 269 CERTIFIED; FUSE BODY LENGTH 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A3; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
167	118197	FUSE, CARTRIDGE: CURRENT: 400 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: SQ 57 X LG 150 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3260; FUSE, CARTRIDGE; CURRENT 400 A, POTENTIAL 500 VAC, DIMENSIONS SQ 57 X LG 150 MM, TYPE INDICATING, CASE MATERIAL CERAMIC, CONNECTION TYPE BLADE KNIFE, PART NUMBER: 3NA3260~FUSE,CARTD;3NA3260,400 A,500 VAC
168	118211	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; REFERENCE NO: T1-250; TRANSPARENT BODIED OR WINDOW TYPE
169	118223	FUSE, CARTRIDGE: CURRENT: 350 A; POTENTIAL: 130 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 25 X LG 68 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; REFERENCE NO: A13X350
170	118224	FUSE, CARTRIDGE: CURRENT: 450 A; POTENTIAL: 550 VAC;

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		CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 75 X LG 210 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: TTM450
171	118235	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 14 X LG 51 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: PORCELAIN; REFERENCE NO: S25
172	118239	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP CENTER TAGS; DIMENSIONS: DIA 26.2 X LG 128.7 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; MODEL NO: TBC 63; HRC, OR APPROVED EQUIVALENT, 8.70MM W SLOT, 111MM MTG CENTERS, ONE TIME, HOLE BLOWN IN LABEL
173	118266	FUSE, CARTRIDGE: CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 7.5 X LG 45 MM; TYPE: TRIP INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: GS700; REFERENCE NO: T1300; SUPPLIER NOTE, THE ITEM MUST BE PROTECTIVE PACKED AND CLEARLY MARKED
174	118272	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 240 VAC; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 17 X LG 55 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC
175	118274	FUSE, CARTRIDGE: CURRENT: 63 A; POTENTIAL: 500-550 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: DIA 21.4 X LG 90.5 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 PART 1; CAT NO: A3; CLASS Q1, LIST NO 13163
176	118276	FUSE, CARTRIDGE: CURRENT: 75 A; POTENTIAL: 660 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 16 X LG 78 MM; TYPE: INSTANTANEOUS; CASE MATERIAL: CERAMIC; SUPPL P/N: GSB75; REFERENCE NO: 5007306/75A; HRC, NORMAL OPERATING, OFFSET AXIAL LUG TYPE 6.4 MM, W SLOT 63.2 MM MTG CENTERS, ONE TIME, NON INDICATING
177	118284	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 49 X LG 135 X HT 44 MM; INTERRUPT CAPACITY: 120 KA; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 20003 13; NH1 GL GG
178	118288	FUSE, CARTRIDGE: CURRENT: 630 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 70 X LG 150 X HT 79 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 3NA3372
179	118303	FUSE, CARTRIDGE: CURRENT: 250 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS; SUPPL P/N: 5 X 20
180	118304	FUSE, CARTRIDGE: CURRENT: 0.5 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: TIME DELAY SLO BLO; CASE MATERIAL: GLASS; REFERENCE NO: 19195; T0-5-250
181	118306	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 30 MM; TYPE: INDICATING; CASE MATERIAL: GLASS; REFERENCE NO: BUSSGL02; SPRING LOADED
182	118309	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: FAST BLOW;

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		CASE MATERIAL: CERAMIC; REFERENCE NO: C63210; TYPE GL
183	118316	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MEDIUM TIME LAG; CASE MATERIAL: GLASS; SUPPL P/N: 520.623; CURRENT LIMITING; ONE TIME, NON INDICATING, ESKA
184	118327	FUSE, CARTRIDGE: CURRENT: 16 A; POTENTIAL: 415 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 36.5 MM; TYPE: BOTTLE INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 5SE2016; NEOZED
185	0118338	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 660 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 621CPURE22-32; FOR USE ON ASH STACKING SYSTEM
186	118345	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 600 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 58 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: 621CP URE; 22-32, PIN EXTENDS FROM END
187	118359	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 3.3-3.6 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 68 X LG 255 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; HIGH VOLTAGE, COMPLETE WITH STRIKER PIN INDICATION, LEL, TYPE OEFMA
188	118362	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 600 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 34.6 X LG 106.4 MM; TYPE: FAST BLOW; CASE MATERIAL: CERAMIC; SUPPL P/N: GSB250
189	118364	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 3.3-3.6 KV; CONNECTION TYPE: LUG AXIAL OFFSET SCREW CLAMP; DIMENSIONS: DIA 76 X LG 336.55 MM; TYPE: INSTANTANEOUS INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: WKFHO; HRC LEL, COMPLETE WITH STRIKER PIN; NORMAL OPERATING, 10MM WIDE SLOT, 31.75 X 304MM CENTERS, ONE TIME, PIN EXTENDS FROM END
190	118367	FUSE, CARTRIDGE: CURRENT: 350 A; POTENTIAL: 200 V; CONNECTION TYPE: LUG AXIAL OFFSET SCREW CLAMP; DIMENSIONS: DIA 34.6 X LG 85 MM; INTERRUPT CAPACITY: 100 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: GSD350; HRC, 10.3MM WIDE SLOT, 60.3MM MOUNTING CENTRE, ONE TIME
191	118369	FUSE, CARTRIDGE: CURRENT: 350 A; POTENTIAL: 3.3 KVAC; CONNECTION TYPE: SCREW CLAMP OFFSET TAGS; DIMENSIONS: DIA 80 X LG 340 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: K81PEX350A; TYPE AKFHO, COMPLETE WITH STRIKER PIN INDICATOR , LEL
192	118434	FUSE, CARTRIDGE: CURRENT: 500 MA; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: SLO BLO, MINIATURE; CASE MATERIAL: GLASS; REFERENCE NO: M0-5-250C; CURRENT LIMITING; TYPE CEB
193	118438	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 250 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; REFERENCE NO: M4-250G; COLOURED BEAD EXTENDS FROM ONE END

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194	118441	FUSE, CARTRIDGE: CURRENT: 6 A; POTENTIAL: 415 VAC; 250 VDC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 36 MM; TYPE: BOTTLE INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: D01; REFERENCE NO: 5SE2006; NEOZED
195	118444	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415-500 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 36 MM; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 49 522; REFERENCE NO: 5SE2010; NEOZED, OPERATION CLASS GL TO VDE
196	118461	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 48 X LG 78 X HT 20 MM; TYPE: SLO BLO, INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: DIN 43620; VDE 0636/21; REFERENCE NO: 3NA4832; LINK, CLASS GL
197	118481	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 415 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 22 X LG 84 MM; INTERRUPT CAPACITY: 80 KA; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 88 IEC 60269; SUPPL P/N: TIA32; HRCFUSE BODY LENGTH: 56.4 MM; BREAKING RANGE AND UTILIZATION CATEGORY: GG; SIZE: A2
198	118497	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 600 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 25 X LG 112 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: FIBER; CAT NO: A60X80TYPE4; REFERENCE NO: A60X80
200	118510	FUSE, CARTRIDGE: CURRENT: 80 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 35 X LG 80 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: VDE0636; REFERENCE NO: 3NA4824; SIZE NH00C
201	118512	FUSE, CARTRIDGE: CURRENT: 100 A; POTENTIAL: 690 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: WD 30 X LG 80 MM; TYPE: ULTRA RAPID INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: IEC 269; VDE 0636; SUPPL P/N: 2020920/100A; REFERENCE NO: 3NE8021
202	118513	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 415-550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 14 X LG 54 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: 5008501/10A
203	118518	FUSE, CARTRIDGE: CURRENT: 560 A; POTENTIAL: 550 V; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 75.5 X LG 207 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: TTM560
204	118983	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: SLO BLO; CASE MATERIAL: PORCELAIN; REFERENCE NO: 133 04; CURRENT LIMITING; TYPE GL
205	119008	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 500 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: SLO BLO; CASE MATERIAL: PORCELAIN; REFERENCE NO: 133 10; CURRENT LIMITING; GL
206	119101	FUSE, CARTRIDGE: CURRENT: 3 A; POTENTIAL: 600 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 35 MM; TYPE: CURRENT

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		LIMITING; CASE MATERIAL: CERAMIC
207	119131	FUSE, CARTRIDGE: CURRENT: 90 A; POTENTIAL: 7.2-12 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 64 X LG 355 MM; INTERRUPT CAPACITY: 40 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SPECIFICATION: BS 2692-1975; STRIKER PIN, TYPE KEMXO90A, FUSE GEAR, 20KA
208	119133	FUSE, CARTRIDGE: CURRENT: 250 A; POTENTIAL: 500 VAC; CONNECTION TYPE: BLADE KNIFE; DIMENSIONS: SQ 47 X LG 134 MM; INTERRUPT CAPACITY: 120 KA; TYPE: INDICATING; CASE MATERIAL: CERAMIC; SUPPL P/N: 2000313/250; 3NA4144
209	119134	FUSE, CARTRIDGE: CONNECTION TYPE: BOLTED; DIMENSIONS: DIA 40.4 X LG 134 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: S2110-399; ENGLISH ELECTRIC
210	119139	FUSE, CARTRIDGE: CURRENT: 50 A; POTENTIAL: 550 VAC; CONNECTION TYPE: SCREW CLAMP; DIMENSIONS: DIA 24 X LG 87 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: 5000201; TIS50; CLASS Q1
211	119181	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 400 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: AM25
212	119182	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 380 VAC; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 10 X LG 38 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; REFERENCE NO: GF32; 4006232; IFO
213	119183	FUSE, CARTRIDGE: CURRENT: 1.6 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
214	119184	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
215	119185	FUSE, CARTRIDGE: CURRENT: 800 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS; TUBE
216	119186	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 25 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
217	119187	FUSE, CARTRIDGE: CURRENT: 1.25 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
218	119188	FUSE, CARTRIDGE: CURRENT: 1.6 A; POTENTIAL: 125-250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
219	119189	FUSE, CARTRIDGE: CURRENT: 2 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS; SPECIFICATION: ISO 9001
220	119190	FUSE, CARTRIDGE: CURRENT: 2.5 A; POTENTIAL: 125 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6 X LG 25 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS

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221	119191	FUSE, CARTRIDGE: CURRENT: 5 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 6.3 X LG 25 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
222	119192	FUSE, CARTRIDGE: CURRENT: 160 A; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 20 MM; TYPE: MINIATURE, FAST BLOW; CASE MATERIAL: GLASS
223	119194	FUSE, CARTRIDGE: CURRENT: 800 MA; POTENTIAL: 250 V; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 5 X LG 25 MM; TYPE: FAST BLOW; CASE MATERIAL: GLASS
224	119209	FUSE, CARTRIDGE: CONNECTION TYPE: BOLTED; DIMENSIONS: DIA 34 X LG 137 MM; TYPE: INDICATING; CASE MATERIAL: CERAMIC; MODEL NO: S2147
225	119558	FUSE, CARTRIDGE: CURRENT: 1 A; POTENTIAL: 3.6-7.2 KV; CONNECTION TYPE: FERRULE; DIMENSIONS: DIA 22 X LG 194 MM; TYPE: VTDNN; CASE MATERIAL: CERAMIC; SUPPL P/N: B6780; VTDNN; 12 KV, FOR USE ON ASH STACKER
226	210336	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 415 VAC; INTERRUPT CAPACITY: 80 KA; TYPE: COMPACT DIMENSION FUSE LINKS; SPECIFICATION: BS 88; IEC 60269-2; SUPPL P/N: NS32A; CLASS CARTRIDGE, LAWSON CLIPFIT, DUAL FOR CURRENT/TIME LIMITOR, ON DELIVERY A TEST CERTIFICATE FOR RECOVERY VOLTAGE
227	210602	FUSE, CARTRIDGE: CURRENT: 32 A; POTENTIAL: 415 VAC; CASE MATERIAL: GLASS; SPECIFICATION: IEC 60269-2; SUPPL P/N: NS32A; CONNECTION BS88
228	220812	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 550 VAC; CONNECTION TYPE: BLADE; DIMENSIONS: DIA 10 X LG 32 MM; TYPE: OFFSET; CASE MATERIAL: CERAMIC; SUPPL P/N: A87721/93/59
229	222661	FUSE, CARTRIDGE: CURRENT: 10 A; POTENTIAL: 550 V; CONNECTION TYPE: BLADE; DIMENSIONS: DIA 10 X LG 35 MM; CASE MATERIAL: CERAMIC; SUPPL P/N: 10 FOG; REFERENCE NO: A87721/93/60; FOR USE ON STACKER
230	222662	FUSE, CARTRIDGE: CURRENT: 25 A; POTENTIAL: 11 KV; CONNECTION TYPE: PUSH IN; DIMENSIONS: DIA 62 X LG 254 MM; TYPE: CURRENT LIMITING; CASE MATERIAL: CERAMIC; SUPPL P/N: OEFMA; FOR USE ON STACKER
231	222664	FUSE, CARTRIDGE: CURRENT: 315 A; POTENTIAL: 600 V; CONNECTION TYPE: STUD; DIMENSIONS: SQ 40 MM; TYPE: DC PANEL; CASE MATERIAL: CERAMIC; REFERENCE NO: A87721/93/3; FOR USE ON STACKER

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232	222665	FUSE, CARTRIDGE: CURRENT: 125 A; POTENTIAL: 600 V; CONNECTION TYPE: STUD; DIMENSIONS: WD 102 X LG 143 MM; TYPE: SLEW DC; CASE MATERIAL: CERAMIC; SUPPL P/N: J8996; FOR USE ON STACKER
233	222666	FUSE, CARTRIDGE: CURRENT: 4 A; POTENTIAL: 600 V; CONNECTION TYPE: CAP; DIMENSIONS: DIA 10 X LG 37 MM; TYPE: PANEL; CASE MATERIAL: CERAMIC; REFERENCE NO: A87721/93/58; FOR USE ON STACKER

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

2.1 Purchaser's design

- a) Not applicable for this contract

2.2 Procedure for submission and acceptance of Supplier's design

- The spares to be provided to be the same as the original component, in all technical respects, as those utilised on the equipment it is intended for. This includes, but is not limited to, design (including dimensions and material specifications) and manufacturing (including manufacturing processes, standards and acceptance testing).

2.3 Other requirements of the Supplier's design

- a) Not applicable for this contract

2.4 Use of Supplier's design

- a) Not applicable for this contract

2.5 Manufacture & fabrication

- Fuses should be manufactured according to SANS 141/1 and SANS 60269/1 (General requirements for low Voltage fuses). Supplier will be required to provide data pack (as specified in section 2.1 of the works information) will then be the property of the Purchaser. As per Purchaser's specifications

2.6 Factory acceptance testing (FAT)

- Where the spare requires testing, the Supplier will inform the Employer to invite or make available the Employer's System Engineer to witness the tests.
- Should the Employer be dissatisfied with all or certain aspects relating to a specific spare test (including but not limited to suspected inferior quality or non-compliance) the Supplier will make good, rectify the faults or supply a new spare at his/her cost.

2.7 Other tests and inspections and commissioning in place of use

- a) The installation will be done by the *Purchaser*.

2.8 Operating manuals and maintenance schedules

- a) Not applicable for this contract

3 Supply Requirements

- a) The supply of Electrical switchgear fuses is on an as and when require basis.
- b) Requests for delivery will be made on a contract release order starting with an Order number.
- c) All equipment / spares must be on time of required order date.
- d) Electrical switchgear fuses to be transported by road at supplier's costs and transport.
- e) End user to be informed when delivery will be done at least 2 days upfront to allow for access to site and offloading arrangements
- f) No deliveries to be done on a Weekend or public holiday except on an emergency basis indicated by the *Purchaser*.

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.

- g) 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.
 - h) Pallets to convey the batch must be strong enough to carry and transport load at any time.
 - i) The *Supplier* will ensure that the correct spare is supplied and will replace or be liable for damage at his/her cost if the incorrect or defective spare/s is supplied. The costs may include, but not limited to, repairs and/or replacement as a result of a defective or incorrect spare.
 - j) The Employer's (i.e. Eskom Holdings SOC) acceptance of delivered spare/s does not absolve the *Suppliers* of the liability to supply the correct and/or defect free spare.
 - k) The *Supplier* may, at the Employer's discretion, be given access to the plant to verify the information of the installed spare.
 - l) The spare must be exactly the same (i.e. same Part Number) as specified on this works information and the part number will also be used to perform quality control checks. Notwithstanding the stipulated condition that the *Supplier* is responsible for verifying the correctness of spares information provided by the Employer in relation to the existing installed spare. This may include the *Supplier* consulting the original supplier of the spare to ensure correctness of information provided by the Employer.
 - m) The Employer may at his/her discretion make the Employer's Engineer or employees or others available to the *Supplier* for the purpose of soliciting additional information or verifying information as the need arises.
 - n) The *Supplier* will supply any additional information such as brochure, general arrangement drawing, certificates, detailed specification, etc.
 - o) The *Supplier* shall supply preservation and storage procedure/s, where applicable.
 - p) The Employer reserves the right to exclude the supply of some spare's items included in the contract with the *Supplier* should the Employer become aware that National Supply Contract exists or is placed by the Employer with Others in respect to those specific spare's items.
 - q) If deemed necessary, the Employer may subject the *Supplier* to a quality assurance assessment at the *Supplier's* or sub-*Supplier's* premises as part of the technical evaluation or before the contract placement or at any time during the contract period.
 - r) Where the spare requires testing, the *Supplier* will inform the Employer to invite or make available the Employer's System Engineer to witness the tests.
 - s) Should the Employer be dissatisfied with all or certain aspects relating to a specific spare test (including but not limited to suspected inferior quality or non-compliance) the *Supplier* will make good, rectify the faults or supply a new spare at his/her cost.
 - t) Complete price breakdown must be supplied with the quotation and must include the cost of transport to Tutuka Power Station.
 - u) Spares will be opened for inspection, counting and quality control check at the Employer's stores.
 - v) The Employer reserves the right to exclude the supply of some spares items included in the contract with the *Supplier*, should the Employer become aware that the National Supply Contract exists or is placed by the Employer with others in respect to those specific spares items.
- w) *Contractor* on site must supply a SAPS clearance certificate to the *Employer* before contract start and every 12 months thereafter for all *Contractor's* employees to ensure continued access to site. This will also be handed in to security for *Contractor* to obtain access permits.
- x) Acceptance of this tender is subject to the condition that both the contracting company's management and its employees will provide Eskom with a clear criminal record not older than thirty (30) days from a reputable screening company. If the principal *Contractor* appoints a subcontractor, the same provisions and measures will apply to the subcontractor. Acceptance of the tender is also subject to the condition that the *Contractor* will implement all such security measures for the safe performance of the work as required in the scope of the contract.
- y) *Contractors* are to submit proof of verification record(s) (Security clearance) from SAPS or accredited supplier linked to SAPS AFIS system not older than thirty (30) days, as part of Risk Management process in order to curb any threats against the Installation. It is compulsory for these documents to be submitted to Security for verification before access to site is granted. Only individuals with clear criminal records will be considered.

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- z) *Contractors* are required to submit the SAPS Clearance Certificate obtained by the employee along with a copy of his/her Identity Document or Passport to the site Security Manager. The Security Manager is required to verify the authenticity of the CRC Certificate with SAPS and to cross reference the employee seeking access against known HR databases and site databases to determine if the employee in question has in the past participated in disruptive labor actions and if the individual was dismissed from Eskom and the reason for such dismissal. Every employee applying for access must be evaluated as an individual and subsequent finding recorded. A risk analysis of the employee profile indicating whether the employee is a risk to the installation must be completed. Any risk rating allocated above a level III will be deemed unsuitable.
- aa) The process shall be repeated every 12 months for low-risk employees (Risk Rating 5, 4) and every 6 months for medium to high-risk employees.

Packaging / Crating

- a) All supplied Fuses shall be packaged in such a manner that they will be transported and stored without damage. This includes preventing damage due to moisture ingress, dust and foreign objects. The *Supplier's* procedure shall be used Transportation and Storage.
- b) Different spare types shall be packaged separately such that each spare type can be stored separately. Packaging shall be of material that will not be damaged, to an extent possible, by harsh weather conditions during transportation. If that is not possible, then the packaging shall be protected against such conditions.
- c) Where possible, packaging to be such that procured fuses can be positively identified through the packaging. Where this is not possible, the packaging to be such that it allows opening and closing of packaging and still maintain the packaging integrity thereafter.

The following information to be provided with the spares:

- Documentation detailing the technical characteristics of the procured spare item. This may be in the form of data sheet or brochure. The *Employer* reserves the right to reject the documentation if it is not deemed sufficient
- Any other additional information that has not been specified on the DCF / WI but necessary for storage, installation and utilisation of spares where applicable
- Supply preservation and storage procedures of goods, where applicable
- Any spares information which has been omitted which is deemed relevant for spares identification, storage, maintenance, etc.
- In instances where the *Supplier* uses another company, other than the item OEM, to provide required information, this to be declared in advance to the *Employer*

REPLACEMENT PARTS UPGRADED/MODIFIED

- Where equipment or spares, including the whole assembly, have been upgraded / modified the Supplier shall indicate this to the Employer as part of the tender. The Employer shall be made aware immediately where the upgrade/modification to the component is only identified subsequent to the tender being issued.
- The detailed compatibility to the existing component shall be indicated. This includes hardware, firmware and software upgrade/modification.
- If the components to be supplied will be obsolete, or envisaged to be obsolete, in the 3 years subsequent to tender being issued, the Supplier shall indicate this to the Employer and indicate viable alternatives thereof.

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PACKAGING

- All supplied spares shall be packaged in such a manner that they may be transported and stored for an extended period of time without resulting in damage to the packaged components. This includes preventing damage due to moisture ingress, especially for electronic components. Where possible, silica gel/desiccant may be included to ensure protection against moisture for at least 3 months. However, this inclusion should not lead to damage to the component.
- Different spare types shall be packaged separately such that each spare type can be stored separately. Packaging shall be such that the spare can be identified without opening the packaging. Packaging shall be of material that will not be damaged, to an extent possible, by harsh weather conditions during transportation. If that is not possible, then the packaging shall be protected against such conditions.
- Where possible, packaging to be such that procured spares can be positively identified through the packaging. Where this is not possible, the packaging to be such that it allows opening and closing of packaging and still maintain the packaging integrity thereafter.

Delivery packaging to have the following details on it:

- I. Order number
- II. Physical address of Tutuka Power Station
- III. Delivery note number

Delivery to Site

- a) The *Supplier* shall be responsible for the transportation of all fuses delivered to Tutuka Power Station – Main Stores.

Acceptance of spares

- a) No incorrect, damaged or faulty spares will be accepted.
- b) All the spares will be inspected before payment could be processed.
- c) Data capturing forms information must be supplied and must meet an acceptable level.
- d) Where applicable; test certificates, material certificate, manuals, data sheet and signature shall be provided as required.

4 Specification of the services to be provided.

- a) As per items long description on Part C2 Pricing Data as well as on heading '2' of part this C3

5 Constraints on how the *Supplier* Provides the Goods

5.1 Programming constraints

- a) All equipment / spares must be on time of required order date.
- b) All required spares to be delivered to the *Employer* 4 weeks from the day the purchase order is placed by the *Employer*
- c) In instances where design reviews are necessitated, the 4 weeks will be from the day of design freeze.
- d) The *Employer* may request, in writing, that a spare be expedited quicker if its delivery in 4 weeks may lead to a delay that may result in undesirable consequences (loss of production, loss of revenue and/or safety to personnel or environment) to the *Employer*
- e) End user to be informed when delivery will be done at least 2 days upfront.

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- f) Lead time to be negotiated upfront to ensure that end user will receive materials, spares / equipment in time.
- g) All vehicles to be roadworthy.
- h) The *Supplier* will be responsible for the safe transportation of all goods from the *Supplier's* site to the *Purchaser* offloading point and liable for any damages or stolen goods. .

5.2 Work to be done by the Delivery Date

- a) All equipment / spares must be on time of required order date.
- b) Goods to be transported by road on *Supplier's* costs and transport.
- c) 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
- d) Only spares specified will be accepted. Any spares that do not meet the specifications will be rejected.
- e) Spares will be Accepted, off-loaded and QC and signed for upon delivery
- f) No incorrect, damaged or faulty electrical fuses will be accepted
- g) All the spares will be inspected and accepted by *Purchaser* QC and / or Engineering before payment could be processed.
- h) Upon delivery of the goods at the Eskom stores, an inspection of goods and the receipt must be conducted by the End-user and the *Supplier* with 48 hours of delivery.

5.3 Marking the goods

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

- a) Name of *Supplier*
- b) Purchase order number
- c) Serial / part number
- d) Quantity delivered.
- e) Short description
- f) Part Description
- g) Eskom SAP Material number
- h) Physical address of Tutuka Power Station and the *Supplier*
- i) Contact details of the *Supplier*
- j) Delivery note number

5.4 Constraints at the delivery place and place of use

- a) All deliveries should be arranged to be within Tutuka Power Station normal working hours
- b) Tutuka Power Station site access will be adhered to.
- c) The *Supplier* informs the *Purchaser* timeously (2 days prior) to make all necessary arrangement.

Roles and Responsibilities

5.4.1.1 Supplier

- a) Supply procured spares as requested by the *Employer*
- b) Confirm correctness of the supplied spares information
- c) Provide spares technical information in accordance with this Works Information
- d) Timeously inform the *Employer* of any delays or when outstanding or additional information from the *Employer* is required

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- e) Responsible to ensure that a quality product is delivered
- f) Responsible to ensure that every effort is made to keep to the agreed program and plan
- g) Provide all required technical datasheets and/or product brochures for all the spares supplied
- h) Conform to all the other requirements stipulated in this document
- i) Supply all the necessary test sheets/results, where applicable
- j) Invite the *Employer* or representative thereof three (3) working days in advance for witness/hold points, if applicable, as agreed

5.4.1.2 Purchaser

- a) Compiles and submit scope of work with technical specifications and technical drawings were required.
- b) Performs Quality Control of all electrical switchgear fuses on delivery at the *Purchaser* premises.

5.5 Cooperating with Others

- a) The Supplier cooperates with the store's personnel during Delivery.
- b) The Supplier co-operates with the Purchaser's team in ensuring that the goods are delivered in accordance with all requirements.

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

- a) As per Heading 3 (Supply requirements)
- b) As per Heading 4 (Specification of the service to be provided)
- c) The availability of rigging equipment, cranes or forklift and the relevant operators must be confirmed with the Tutuka Power Station (*Supply manager*) before dispatching the *goods*.
- d) The Supplier provides offloading people to assist with offloading at receiving. NB: The Supplier offloading team names must be part of the valid approved safety file

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:
Kick-off meeting	1 week after contract start date	Tutuka Power Station	Supply Manager and Supplier
Risk Register and Compensation Events	As and when required	Tutuka Power Station	Supply Manager and Supplier
Overall contract progress and feedback	Monthly	Tutuka Power Station	Supply Manager and Supplier

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

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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.

Attendance of meetings as required by *Purchaser* Such as: -

- a) Any meeting requested by the *Purchaser* or *Supplier*

5.8 Documentation control

- a) 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.
- b) Writing is in the Language of this contract.
- c) All reports to be discussed, compiled and handed in to the *Purchaser*.
- d) All communications must be printed and filed in the *Purchaser* file.
- e) All documentation supplied shall bear the OEM's official name and logo.

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.

- a) All The *Purchaser's* health and safety procedures and regulations to be adhered to by the *Supplier*.
- b) A SHEQ file to be handed in at the SHEQ department for approval prior to work commencement and kept up to date for the duration of the contract.

SHEQ Policy

Eskom SHEQ Policy

The *Purchaser* has made a commitment to conduct business with respect and care for people, the environment and assets and that no operating condition or urgency of service justifies exposing anyone to negative risks arising from the *Purchaser* business.

Compliance with the *Purchaser's* SHEQ Policy and applicable regulations is the responsibility of every employee and *Supplier*.

Supplier's SHEQ Policy

All *Contractors* shall have an OHS policy signed by the CEO of the *Supplier* and prominently displayed where employees normally report for duty.

Signed copy of the OHS policy shall form part of the SHEQ file.

SHE PLAN REQUIREMENTS: -

- a) Principal *Contractors* shall develop a suitable and sufficiently documented site specific SHE plans, based on the scope of work and client SHEQ specification.
- b) The SHE plans must be pre-approved by the client for implementation. The principal *Supplier/ Supplier* has a responsibility to send the SHE plans to the client for approval prior to commencement of work.
- c) The SHE plans must be applied from the commencement of and for the duration the construction work, which must be updated / reviewed as the work progresses / changes.

When a principal *Supplier* intends appointing *Contractor*, the principal *Supplier* shall ensure that the *Supplier* provides and demonstrate a suitable, sufficiently documented and coherent site-specific health and safety plan, based on the client's SHEQ specifications and scope of work.

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Health and Safety Arrangements

The *Supplier* ensures that all his personnel attend a Health and Safety Induction Course prior to contract starting date, and annual re- induction. The Induction Course is presented by the *Employer's* Safety Risk Department at the *Employer*. Arrangements are made with Safety Risk Management, by the *Contractor*.

The *Employer's* Safety Risk Manager visits and inspects the *Contractor's* workplace or site yard and the working areas to ensure that tools; machinery and Equipment comply with the minimum safety requirements.

The *Supply Manager* may instruct the *Supplier* to stop work, where the *Contractor's* personnel fail to conform to safety standards or contravene health and safety regulations. Such stop-work order is not a compensation event. The *Supply Manager* may instruct the *Supplier* to discipline his employees and to submit a disciplinary action report to the *Supply Manager*. The *Supplier* implements additional health and safety precautions where necessary.

Health and safety

The *Supplier* complies with the Occupational Health and Safety Act 85 of 1993, as well as per the *Employer's* procedure as stipulated below:

- d) SHEQ Policy 32-727
- e) The *Purchaser's* Procurement and Supply Chain Management Procedure 32-1034
- f) SHE Requirements for the *Purchaser's* Commercial Process 32-726
- g) *Supplier* Health and Safety Requirements 32-136
- h) Integrated SHE Organization, Roles and Responsibilities and Statutory Appointments 32- 296
- i) Live-saving Rules 240-62196227
- j) Working at Heights 32-418
- k) The *Purchaser's* Vehicle Safety Specifications 32-345
- l) the *PuchaserSupplier* SHEQ Specifications 14RISK SRM - 084

Site Regulations and Procedures

Site Regulations

The latest revision the *Puchaser's* Site Regulations form part of this contract.

Copies of these procedures are available on request.

(Any additional site regulations implemented will be applicable)

Safety risk management

"Standard for health and safety at Tutaka Power Station - requirements to be met by *Contractors*".

Vehicle and driver safety

All drivers, passengers and pedestrians must obey vehicle safety requirements in terms of the National Road Traffic Act, Act No 93 of 1996, as amended, including other relevant provincial or local requirements.

Speed Limit

All vehicles must be driven with due consideration for personnel and property. All speed limits will be adhered to on the premises at all times.

Transportation of passengers: open LDV's:

With effect from 31 May 2006 no *purchaser's* employee or *Supplier* would be allowed to transport passengers on the back of open light delivery vehicles (LDV's). It is a legal requirement to provide safe transportation of the *purchasers* and *Supplier* employees – therefore the following will be enforced:

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years.**The Employer's Life Saving Rules:**

Five Life Saving Rules have been developed that will apply to all the *Employer's* employees, agents, Consultants and Contractors.

- a) Rule 1: Open, Isolate, Test, Earth, Bond, And / Or Insulate before touch - that is any plant operating above 1 000 V.
- b) Rule 2: Hook up at heights - no person may work at height where there is a risk of falling.
- c) Rule 3: Buckle up – no person may drive any vehicle for the *Employer's* business and/or on the *Employer's* premises: unless the driver and all passengers are wearing seat belts.

The *Purchaser* takes a "ZERO TOLERANCE" attitude to drivers and passengers who do not wear safety belts when driving in a vehicle for the *Employer's* Business and / or on the *Employer's* premises. The violation of this very important safety rule as well as any safety rule while performing work for or on behalf of the *Purchaser* may result in the *Purchaser* terminating your obligation to perform work in terms of your contract with the *Employer*.

All occupants must wear their safety belts properly and must never put the shoulder belt under their arm or behind their backs. Drivers and all passengers must buckle-up at all times for the sake of themselves and their families.

- d) Rule 4: Be sober (no person is allowed to work under the influence of drugs and Alcohol.
- e) Rule 5: Use a permit to work – where an authorization limitation exists, no person shall work without the required permit to work.

The *Supplier* acknowledges that it is fully aware of the requirements of all the above and undertakes to employ only people who have been duly authorised in terms thereof and who have received sufficient safety training to ensure that they can comply therewith.

The *Supplier* undertakes not to do, or not to allow anything to be done which will contravene any of the provisions of the Act, Regulations or Safety and Operating Procedures.

The *Supplier* shall appoint a person who will liaise with the *Purchaser's* Safety Officer responsible for the premises relevant to this contract.

Do safety audits at the *Contractor's* premises, its workplaces and on its employees;

Refuse any employee, sub-*Supplier* or agent of the *Supplier* access to its premises if such person has been found to commit any unlawful act or any unsafe working practice or is found to be not authorised or qualifies in terms of the OHSACT.

Issue the *Supplier* with a work stop order or a compliance order should *Purchaser* become aware of any unsafe working procedures or conditions or any non-compliance with the Act, Regulations and Procedures by the *Supplier* or any of its employees, sub-Contractors or agents.

The *Contractors* Health and safety file is to be submitted for approval to the *Purchaser's* Safety Officer before contract commencement.

All work stoppages called by the *Purchaser* to be adhered to

Supplier's Responsible to ensure that his Letter of Good standing is valid at all times as stipulated in the construction regulations point 7 (C) (iv) and she specifications 2.5.2 (iv) and 3.10 *Supplier* will not be allowed on site if his letter of good standing is not valid.

Security, fire protection and safety

The *Supplier* shall be responsible for ensuring the security of the works, and of his plant, equipment and materials. To that end he shall make adequate provision for access control, lighting and watchman to the works where required.

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Fire protection

The provision of the *Employer's* standard NWS 1494 “Fire Prevention and Protection of *Contractor's* premises at New Works sites” shall be applicable.

Safety and incident prevention

The *Supplier* shall implement and maintain an active Site Safety and Accident Prevention Programme in accordance with the *Purchaser's* SHEQ Specifications. The overriding regulations will however be the Occupational Health and Safety Act.

Incident Management, Corrective & Prevention Action Procedure to be adhered to – 14Risk IM PC-019

Reporting of accidents

The *Purchaser* follows an accident prevention policy that includes the investigation of all accidents involving personnel and property. This is done with the intention of introducing control measures to prevent a recurrence of the same incidents. The *Supplier's* expected to fully co-operate to achieve this objective. The *Supply Manager* must be informed immediately of any incidents. A written report to be submitted to the *Purchaser* within 24 Hours of incidents and any damage to property or equipment.

NOTE! This report does not relieve the *Supplier* of his legal obligations to report certain incidents to the Department of Labour, or to keep records in terms of the Occupational Health and Safety Act, and Compensation for Occupational Injuries and Diseases Act.

Occupational Health and Safety Act 85 Of 1993 – SECTION 37

In accordance with Section 37 (2) of the Act, the *Supplier's* appointed by the *Purchaser's* mandatory to assume Health and Safety duties and responsibilities. The *Supplier* ensures compliance with all requirements of the Act and any instruction or notification that enhances those requirements.

The *Supplier* acknowledges that he is fully aware of all the requirements of the Occupational Health and Safety Act and undertakes to employ only staff who have been duly authorised in terms thereof and who receive sufficient safety training to ensure that they can comply therewith.

The *Supplier* undertakes not to do, and not to allow anything to be done which will contravene any of the provisions of the Act, Regulations or Safety and Operating Procedures.

5.10 Environmental constraints and management

- The *Supplier* shall comply with Tutuka Power Station environmental management system. This includes the identification, collection, storage, transportation and disposal of waste. Hazardous waste shall be disposed of in line with the applicable environmental legislation. It is important to note that all spillages must be cleaned immediately and reported to the *Supply Manager* as soon as possible. It is the responsibility of the polluter to clean all spillages and for the rehabilitation of the polluted land. The clean-up cost is for the *Contractor's* account.

5.11 Quality

- a) The *Supplier* must conform to Quality Management System-ISO 9001:2015 requirements.
- b) The *Supplier* to conforms to ISO 9001:2015 requirements (Quality Management System). *Supplier* is bound to conform to Eskom documented information such as procedures (Control of non-conforming output products and services), policies etc.
- c) *Supplier* to ensure all quality checks are done prior dispatch of various oils and where needed proof to be provided to the client.

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- d) The *Supplier* will fully conform to the requirement of the *Supplier* Quality Requirement Specification (QM-58), standards, procedures, Eskom policies and etc.
- e) The *Supplier* might be subjected to audits and as part of monitoring.
- f) All documents that will be arising from this project must remain with the client such as manuals
- g) Where applicable the service provider must conform to any statutory requirements
- h) If deemed necessary, the *Employer* may subject the *Supplier* to a quality assurance assessment at the *Supplier's* or *sub-Supplier's* premises as part of the technical evaluation or before the contract placement or at any time during the contract period.

Where the Principal *Supplier* will be sub-contracting, the Principal *Supplier* must provide the documented information on how to control sub-contracted service provider.

5.12 Invoicing and payment

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

- a) Name and address of the *Supplier* and the *Supply Manager*.
- b) The contract number and title.
- c) *Contractor's* VAT registration number.
- d) The *Purchaser's* VAT registration number 4740101508.
- e) Description of service provided for each item invoiced based on the Price List.
- f) Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT.
- g) Purchase order number
- h) CPA calculation sheet
- i) CPA calculation sheet and the Invoice for CPA on the Invoice to be send to the financial department as per the *Employer's* Invoicing procedure / instruction.

5.13 Insurance provided by the *Purchaser*.

- a) NEC3 SC Insurance Core Clauses shall be applied and Z13 Insurance clauses.

5.14 Contract change management.

- a) All changes to the contract scope, price, or schedule shall be managed through the Contract Change Management process.
- b) The supplier shall notify the supply Manager in writing of any proposed changes as soon as they are identified. The supply Manager will assess the change and issue a Change Instruction if approved.
- c) No work related to a change shall commence until a formal Change Instruction has been issued.
- d) All changes will be priced based on agreed rates or quotations and adjustments to the contract sum and programme will be documented accordingly

5.15 Provision of bonds and guarantees.

Not Applicable

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

- a) Early warning to be given by any of the parties as soon either becomes aware of matters that could increase the total of total prices, delay completion etc. All the compensation events will be implemented through the raising of an early warning. See NEC Core clause 16.1 and 63.1 and 63.2

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- b) Payments and assessments Will be done as per the *Employer's* invoicing and payment procedure and requirements.

6. Procurement

6.1 Subcontracting

6.1.1 Preferred subcontractors

6.1.2 Limitations on subcontracting

- As per SDL&I requirements

6.1.3 Spares and consumables.

6.1.4 Other requirements related to procurement.

6.1.5 Cataloguing requirements by the *Supplier*

7. List of drawings

7.1 Drawings issued by the *Purchaser*.

None

C3.2 SUPPLIER'S GOODS INFORMATION

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

Supply and delivery of electrical switchgear fuses on an as and when required “basis” for a period of 5 yearsTable 2: Risk Register

Description of the risk		Action to avoid or reduce the risk
Risk event	possible outcome	Action to be taken and who in terms of the contract is responsible for taking it
Delays on delivery	Delay to installation schedule which may lead to production loss	- Any expected delays must be communicated 2 days before delivering or earlier - Use reliable logistics partners
Damage to fuses during transportation	Cost of replacement	Use proper packaging and handling
Non conformance to specifications	Delay in acceptance	Supplier to Conduct factory acceptance testing and produce test certificates
Failure to meet delivery schedule due to force majeure	Delays in delivery causing disruptions in purchaser's operations	Include force majeure clause
Obsolescence or discontinuation of fuse type	Cost implications for non-standard replacement	Verify product lifecycle with manufacturer

Supply and delivery of electrical switchgear fuses on an as and when required "basis" for a period of 5 years**Annexure A: KPI**

	KPA	weight	KPI	Score
1	Program Submission	30%	Early submission	30%
			Submitted in 3 days	20%
			Delays in submission	0
2	Schedule Compliance	20%	Early delivery	20%
			On time delivery	15%
			Late delivery of goods	0
3	Early warnings	25%	No early warning issued within a period of 6 months	25%
			1 early warning issued within 6 months	10%
			More than 2 early warnings issued in 6 months	0
4	Customer Satisfaction	25%	Customer happy with service	25%
			Customer not happy with service	0