



NEC3 Supply Contract (SC3)

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

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

for **The Supply and Delivery of Motors to various Peaking
Power Stations on an "as and when required " basis
for a period of 5 years**

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CONTRACT No. [Insert at award stage]

PART C1: AGREEMENTS & *CONTRACT DATA*

Contents:	Pages
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[to be inserted from Returnable Documents at award stage]	

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:

The Supply and Delivery of Motors to various Peaking Power Stations 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*.

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 <i>Contract Data</i> , (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work: <i>Goods</i> 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***

(Insert name and address of organisation)

Name &
signature of
witness

Date

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

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

Note:

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

No.	Subject	Details
1	[•]	[•]
2	[•]	[•]
3	[•]	[•]
4	[•]	[•]
5	[•]	[•]
6	[•]	[•]
7	[•]	[•]

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

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

	For the <i>Tenderer</i>	For the <i>Purchaser</i>
Signature	_____	_____
Name	_____	_____
Capacity	_____	_____
On behalf of	(Insert name and address of organisation)	Eskom Holdings SOC Ltd, 15 Pasita Street, Rosenpark, Durbanville, 7550
Name & signature of witness	_____	_____
Date	_____	_____

C1.2 SC3 Contract Data

Part one - Data provided by the *Purchaser*

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 Z: Additional conditions of contract
	of the NEC3 Supply Contract (April 2013) ²	
10.1	The <i>Purchaser</i> is	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	Wesley David Martin
	Address	15 Pasita Street, Rosenpark, Durbanville, 7550
	Tel	021 941 5739
	Fax	N/A
	e-mail	MartinWD@eskom.co.za
11.2(13)	The <i>Goods</i> are	the motors and related consumable products ordered by the <i>Purchaser</i> from time to time under this contract, as described in the Supply Requirements (Annexure A) and the item catalogue forming part of the Scope of Work
11.2(13)	The <i>Services</i> are	The transportation, delivery, off-loading, and associated logistics <i>Services</i> required to supply the <i>Goods</i> to the <i>Purchaser</i> at the Delivery Places stated in this contract

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

11.2(14)	The following matters will be included in the <i>Risk Register</i>	<ul style="list-style-type: none"> • Late delivery of the <i>Goods</i>; • Supply of <i>Goods</i> not in accordance with the Specifications; • Disruption in the manufacture or supply chain of critical motors; • Transportation incidents involving the <i>Goods</i>; • Non-compliance with health, safety or environmental legislation relating to the <i>Goods</i>; • Failure to meet shelf-life requirements or deterioration of the <i>Goods</i> due to improper storage, handling or transportation; • Emergency supply constraints affecting peaking power station operations. • Obsolescence of motors over a 5-year contract period
11.2(15)	The <i>Goods</i> Information is in	Part 3: Scope of Work and all documents and drawings to which it refers.
11.2(15)	The Supply Requirements as part of the <i>Goods</i> Information is in	Annexure A to this <i>Contract Data</i>
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	5 working days 24 hrs in emergency conditions
2	The <i>Supplier's</i> 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 <i>Contract Data</i> .
3	Time	
30.1	The <i>starting date</i> is.	the Contract Date.
30.1	The <i>Delivery Date</i> of the <i>Goods</i> and <i>Services</i> is:	<p>For each <i>Purchase Order</i> issued under this contract, the <i>Delivery Date</i> is the date stated in that <i>Purchase Order</i>.</p> <p>NB: <i>Supplier</i> to provide a Baseline Lead Time Schedule for all motor categories.</p> <p>The supplier must notify within 48 hours if they cannot meet the PO lead times.</p> <p>Each <i>Purchase Order</i> issued in terms of this contract forms part of this contract for the purposes of clause 30 and the assessment of delay damages.</p>
30.2	The <i>Supplier</i> does not bring the <i>Goods</i> to the Delivery Place more than one week before the <i>Delivery Date</i> .	<p>The <i>Supplier</i> does not bring the <i>Goods</i> to the Delivery Place before the <i>Delivery Date</i> unless the Purchaser has given prior written acceptance.</p> <p>If the Purchaser accepts early delivery:</p> <p>a) title and risk pass in accordance with this contract,</p>

		b) the Purchaser may store the Goods at the Supplier's risk unless otherwise agreed, and c) early delivery does not change the Delivery Date for the purposes of delay damages unless the Purchaser instructs a revised Delivery Date
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	N/A
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	N/A
4	Testing and defects	
42	The <i>defects date</i> is	52 weeks after the <i>Delivery Date</i> of each batch of Goods delivered under this contract
43.2	The <i>defect correction period</i> is except that the <i>defect correction period</i> for and the <i>defect correction period</i> for	two (2) weeks after the <i>Supplier</i> is notified of the Defect, or such other period as the Parties may agree
42.2	The <i>defects access period</i> is except that the <i>defect access period</i> for and the <i>defect access period</i> for	7 Days or as agreed by the parties
5	Payment	
50.1	The <i>assessment interval</i> is	upon Delivery of the Goods under each <i>Purchase Order</i>. Delivery is deemed to have occurred only once the Goods comply with the Specifications and are accepted in accordance with the Goods Information
51.1	The <i>currency of this contract</i> is the	South African Rand (ZAR)
51.2	The period within which payments are made is	As per the Eskom Payment terms applicable to vendor registration
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 <i>Contract Data</i> in this section of the core clauses and terms in italics used in this section are identified elsewhere in this <i>Contract Data</i> .
7	Title	There is no reference to <i>Contract Data</i> in this section of the core clauses and terms in italics used in this section are identified elsewhere in this <i>Contract Data</i> .
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional <i>Purchaser's</i> risks	<ol style="list-style-type: none"> 1. Inability to take delivery of the <i>Goods</i> due to site access restrictions, shutdowns, or safety stoppages at <i>Purchaser's</i> facilities; 2. Delays or losses arising from changes in law, regulatory action, or governmental restrictions affecting the importation, transportation or use of the <i>Goods</i>; 3. National emergencies, energy security measures or force majeure events affecting the operation of <i>Purchaser's</i> power stations; 4. Loss of or damage to the <i>Goods</i> after Delivery at the Delivery Place.
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	An amount equal to the aggregate of the <i>Prices</i> for all <i>Purchase Orders</i> issued and accepted up to the date on which the liability arises
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	to the greater of: (a) three (3) times the value of the <i>Purchase Order</i> giving rise to the event; or (b) R100 million, whichever is the lower
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:	An amount equal to the total of the <i>Prices</i>
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	An amount equal to the total of the <i>Prices</i>
88.5	The <i>end of liability date</i> is	three (3) years after the <i>Delivery Date</i> of the relevant <i>Goods</i> under each <i>Purchase Order</i>
9	Termination and dispute resolution	As guided under termination clause on the NEC contract. Breach of contract and depletion of funds.
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.

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	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.
	- if the arbitration procedure does not state who selects an arbitrator, is	
10	Data for Option clauses	
X1	Price adjustment for inflation	
X1.1	The <i>base date</i> for indices is	Base date for escalation will be the month prior to the tender closing date. The price will be fixed for the first 12 months thereafter CPA will apply annually
	The proportions used to calculate the Price Adjustment Factor are:	proportion linked to index for Index prepared by
		0.15 Non-adjustable
		1.00
X2	Changes in the law	
X2.1		A change in the law includes any new, amended or repealed legislation, regulation, national standard, statutory requirement, or binding directive issued by an authorised regulatory body which materially affects the supply, manufacture, transport, delivery or compliance obligations applicable to the Goods. The Supplier shall mitigate impacts as far as reasonably

		practicable. Only demonstrable, unavoidable cost and time impacts will be considered for compensation.
X7	Delay damages	
X7.1	Delay damages for Delivery are	If the <i>Supplier</i> does not achieve the <i>Delivery Date</i> stated in a <i>Purchase Order</i>, the <i>Supplier</i> pays 1% of the <i>Purchase Order</i> value per week (capped at 10%).
X17	Low performance damages	
X17.1	The amounts for low performance damages are:	Low performance damages are as per the Low Performance Damages Table in C3.1
Z	The <i>additional conditions of contract</i> are	Z1 to Z15
Z1	Cession delegation and assignment	
Z1.1	The <i>Supplier</i> does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the <i>Purchaser</i> .	
Z1.2	Notwithstanding the above, the <i>Purchaser</i> may on written notice to the <i>Supplier</i> 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 <i>Supplier</i> 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 <i>Purchaser</i> for the performance of this contract.	
Z2.2	Unless already notified to the <i>Purchaser</i> , the persons or organisations notify the <i>Supply Manager</i> within two weeks of the Contract Date of the key person who has the authority to bind the <i>Supplier</i> on their behalf.	
Z2.3	The <i>Supplier</i> does not alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the <i>Purchaser</i> having been given to the <i>Supplier</i> in writing.	
Z3	Change of Broad Based Black Economic Empowerment (B-BBEE) status	
Z3.1	Where a change in the <i>Supplier's</i> legal status, ownership or any other change to his business composition or business dealings results in a change to the <i>Supplier's</i> B-BBEE status, the <i>Supplier</i> notifies the <i>Purchaser</i> within seven days of the change.	
Z3.2	The <i>Supplier</i> is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the <i>Supply Manager</i> within thirty days of the notification or as otherwise instructed by the <i>Supply Manager</i> .	
Z3.3	Where, as a result, the <i>Supplier's</i> B-BBEE status has decreased since the Contract Date the <i>Purchaser</i> may either re-negotiate this contract or alternatively, terminate the <i>Supplier's</i> obligation to Provide the <i>Goods</i> and <i>Services</i> .	
Z3.4	Failure by the <i>Supplier</i> to notify the <i>Purchaser</i> of a change in its B-BBEE status may constitute a reason for termination. If the <i>Purchaser</i> terminates in terms of this clause, the procedures on	

termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

Z4 Confidentiality

- Z4.1 The *Supplier* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Supplier*, enters the public domain or to information which was already in the possession of the *Supplier* at the time of disclosure (evidenced by written records in existence at that time). Should the *Supplier* disclose information to Others in terms of clause 23.1, the *Supplier* ensures that the provisions of this clause are complied with by the recipient.
- Z4.2 If the *Supplier* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Supply Manager*.
- Z4.3 In the event that the *Supplier* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Supplier*, to the extent permitted by law prior to disclosure, notifies the *Purchaser* so that an appropriate protection order and/or any other action can be taken if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the *Supplier* may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.
- Z4.4 The taking of images (whether photographs, video footage or otherwise) of the *Goods* or any portion thereof, in the course of Providing the *Goods* and *Services* and after Delivery, requires the prior written consent of the *Supply Manager*. All rights in and to all such images vests exclusively in the *Purchaser*.
- Z4.5 The *Supplier* ensures that all his subcontractors abide by the undertakings in this clause.

Z5 Waiver and estoppel: Add to core clause 12.3:

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

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

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

Without limitation the *Supplier*:

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

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

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

- Z7.1 Within one week of receiving a payment certificate from the *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice in accordance with the *Purchaser's* procedures stated in the *Goods* Information, showing the amount due for payment equal to that stated in the payment certificate.

Z7.2 If the *Supplier* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Purchaser* is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice. Interest due by the *Purchaser* in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.

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

Z8 Purchaser's limitation of liability

Z8.1 The *Purchaser's* liability to the *Supplier* for indirect or consequential loss is limited to an amount equal to the total of the Prices

Z8.2 The *Purchaser's* liability under the indemnity in clause 83.1 is subject to the limits of liability stated in clause 88.

Z9 Termination: Add to core clause 91.1, at the second main bullet point, fourth sub-bullet point, after the words "against it":

Z9.1 or had a business rescue order granted against it.

Z10 Addition to secondary Option X7 Delay damages (if applicable in this contract)

Z10.1 If the amount due for the *Supplier's* payment of delay damages in respect of any *Purchase Order* reaches the limit stated in the *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

Z11 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 <i>Supplier</i> 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 <i>Supplier</i> , or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
Corrupt Action	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,
Fraudulent Action	means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,
Obstructive Action	means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an investigation into allegations of Prohibited Action, and
Prohibited Action	means any one or more of a Coercive Action, Collusive Action Corrupt Action, Fraudulent Action or Obstructive Action.

Z11.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

- Z11.2 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.
- Z11.3 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.
- Z11.4 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.

Z12 Insurance

Z 12.1 Replace core clause 84 with the following:

Insurance cover 84

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

INSURANCE TABLE A	
Insurance against	Minimum amount of cover or minimum limit of indemnity
Loss of or damage to the <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 12.2 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 Business Interruption	Per the insurance policy document
Nuclear Material Damage Terrorism	Per the insurance policy document

Z13 Intellectual Property – Eskom owning Intellectual Property

"Intellectual Property" means (a) patents, trade marks, service marks, rights in designs, trade names, trade secrets, know how, copyrights and topography rights, in each case whether registered or not; (b) applications for registration of any of them; (c) rights under licences and consents in relation to any of them; (d) all forms of protection of a similar nature or having equivalent or similar effect to any of them which may subsist anywhere in the world.

"Background Intellectual Property" means any and all Intellectual Property rights that are not Foreground Intellectual Property, and are owned or controlled by the relevant party or licensed to the relevant party prior to or outside of the *Goods* but required for the purposes of the *Goods*.

"Foreground Intellectual Property" means all Intellectual Property rights and other matter capable of being the subject of intellectual property rights that is conceived, first reduced to practice or writing or developed in whole or in substantial part in the course of the execution of the *Goods* and rights which are developed substantially as a result of the *Goods*. Any *Goods* that will be developed, changed, modified and/or improved specifically for the Purposes will be Foreground Intellectual Property. Any data or any other information relating to *Purchaser's* proprietary information generated from the use of the *Supplier's* Background Intellectual Property.

Z13.1 The *Supplier* retains ownership of all Background Intellectual Property rights made by or on behalf of the *Supplier* as part of the *Goods* in information or material it uses in carrying out the *Goods*.

Z13.2 All Foreground Intellectual Property rights, contained in any developed materials which are created by the *Supplier* or on behalf of the *Supplier*, for the purposes of and in support of the execution of the *Goods*, *Purchaser's* IP vest with the *Purchaser*.

Z13.3 Any data or any other information relating to *Purchaser's* proprietary information generated from the use of the *Supplier's* Background Intellectual Property, the copyright therein shall be owned by the *Purchaser*.

- Z13.4** The *Supplier* acknowledges that all rights, title, and interest in and to the Foreground Intellectual Property that may result or originate from or be developed in execution of the *Goods* vests in the *Purchaser* and that the *Supplier* has no claim of any nature in and to the Foreground Intellectual Property.
- Z13.5** The *Supplier* ensures that a copyright notice is incorporated or embossed or labelled on the Foreground Intellectual Property, where the *Purchaser* is reflected as the owner of the Foreground Intellectual Property.
- Z13.6** The *Supplier* is obliged to provide Foreground Intellectual Property manufacturing documents, designs, processes and/or specifications to the *Purchaser* before/on the [completion date / defect state].
- Z13.7** The *Supplier* procures that each Sub - *Supplier* executes all and any *Goods*, and takes all and any other actions as may be required, in order to give effect to this Agreement.
- Z13.8** The *Purchaser* retains all Background Intellectual Property rights in all documents made by or on behalf of the *Purchaser* including all documents and requirements provided prior to or during the execution of the *Goods*. The *Supplier* does not, without the written consent, of the *Purchaser*, copy, use or issue to a third party any of the *Purchaser's* Background Intellectual Property documents and requirements except for the purposes of executing the *Goods*.
- Z13.9** Either party procures that any third party executes confidentiality undertakings not to disclose to any other third parties, any of the *Purchaser's* Background Intellectual Property and IP documents and requirements at all, in respect of the *Purchaser*, or the Background Intellectual Property, in respect of the *Supplier*.
- Z13.10** **Third Party Claims:**
- Z13.10.1** In the event of any claims being made or actions brought against the *Purchaser*, on the ground that the *Supplier* infringed any patent, trade mark or copyright, the *Supplier* is notified thereof and at its own expense, conducts all negotiations in consultation with the *Purchaser* for the settlement of the claim and litigation that may arise from such alleged infringement, provided that the *Purchaser* will not bear any financial burden or losses.
- Z13.10.2** Save where the *Supplier* fails to take over the conduct of the negotiation or litigation within a reasonable time of the notification of the alleged infringement, the *Purchaser* does not make any admission which might be prejudicial to the *Supplier's* position. The *Purchaser*, at the request and the cost of the *Supplier* affords it all reasonable technical assistance that the *Purchaser* is able to provide for the purpose of contesting any such claim or action.
- Z13.10.3** Should it be held in any such action that any such protected rights have been infringed, as definitely stated by a judgment of the court before which the action is brought, the *Supplier*, at its own expense and in consultation with the *Purchaser*, either:
- procures for *Purchaser* the right to continue to use the affected item or design, or
 - replaces the said affected item or design with a non-infringing item, or
 - provides a design of equivalent quality or modify such affected item or design so as to make it non-infringing without affecting the quality.
- Z13.10.4** Notwithstanding anything contained in this contract, the foregoing sets forth the entire responsibility of *Supplier* with respect to claims relating to infringement.
- Z13.10.5** Where it is alleged that the *Purchaser* has committed an infringement as intended vis-à-vis the *Supplier* as set out in the third party intellectual property infringement clause, the *Purchaser* has the same rights and obligations as the *Supplier*, mutatis mutandis, as regards such alleged infringement.
- Z13.10.6** The *Supplier* herewith indemnifies the *Purchaser* and undertakes to keep the *Purchaser* indemnified against all claims of whatsoever nature, real or imagined, which may be made against the *Purchaser* arising from the infringement of any third party intellectual property rights.

Z14 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 Measurements	means measurements performed in parallel, yet separately, to existing 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.

Z14.1 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.

Z14.2 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.

Z14.3 The *Purchaser* manages asbestos and ACM according to the Standard.

- Z14.4 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.
- Z14.5 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.
- Z14.6 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.
- Z14.7 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.

Z15 Price Review Mechanism

- Z15.1 Prices are fixed for the first twelve (12) months of the contract.
- Z15.2 Thereafter, the *Purchaser* may, at its sole discretion, consider annual price adjustments based on substantiated changes in input costs and market benchmarking
- Z15.3 No price adjustment applies unless expressly approved in writing by the *Purchaser*

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 2020³ as follows:

Group	Category	Term	Delivery Place
D	arrival	DAP	At various Peaking Power Stations

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 <i>Goods</i> in conformity with contract	B1	Payment of the price
A2	Obtain export licences and carry out export formalities	B2	Obtain import licences and carry out import 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 <i>Goods</i>
A10	Other obligations	B10	Other obligations

For the avoidance of doubt, under Incoterms® 2020 DAP, the Supplier is responsible for all export licences, authorisations and formalities, and the Purchaser is responsible for all import licences, authorisations and formalities.

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

³ International Chamber of Commerce (ICC), Incoterms 2020, Paris

The Supply Requirements for this contract are as follows:

[Use these when INCOTERMS do not apply].

1. The requirements for the supply are	The <i>Supplier</i> manufactures, stores, handles and packages the <i>Goods</i> in accordance with applicable safety, environmental and quality standards, including all requirements for hazardous substances.	
2. The requirements for transport are	The <i>Supplier</i> transports the <i>Goods</i> to the Delivery Place in accordance with Incoterms® 2020 DAP, including compliance with all applicable transport and safety regulations.	
3. The delivery place is	At various Eskom Peaking Power Stations, as stated in each <i>Purchase Order</i> .	
4. Actions of the Parties during supply	Action	Party which does it
	Giving notice of Delivery	<i>Supplier</i>
	Checking packing and marking before dispatch	<i>Supplier</i>
	Contracting for transport	<i>Supplier</i>
	Pay costs of transport	<i>Supplier</i>
	Arrange access to delivery place	<i>Purchaser</i>
	Loading the <i>Goods</i>	<i>Supplier</i>
	Unloading the <i>Goods</i>	<i>Purchaser</i>
For international procurement	Undertake export requirements	<i>Supplier</i>
	Undertake import requirements	<i>Purchaser</i>
5. Information to be provided by the <i>Supplier</i>	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	
	Where applicable, copies of import documentation provided to the <i>Purchaser</i> by the <i>Purchaser's</i> clearing agent for record purposes.	
	Where applicable, copies of customs documentation relating to importation, provided to the <i>Purchaser</i> by the <i>Purchaser's</i> clearing agent.	
	Invoice from the importation clearing agent showing airline fees, landing charges, wharfage and dock dues as applicable	
	Specify other import documents required by authorised officials.	

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

C1.2 Contract Data

Part two - Data provided by the *Supplier*

Notes to a tendering *Supplier*:

1. Please read both the NEC3 Supply Contract (SC3)⁴ and the relevant parts of its Guidance Notes (SC3-GN)⁵ in order to understand the implications of this Data which the tenderer is required to complete.
2. The number of the clause which requires the data is shown in the left hand column for each statement however other clauses may also use the same data
3. Where a form field like this [] appears, data is required to be inserted relevant to the option selected. Click on the form field **once** and type in the data. Otherwise complete by hand and in ink.

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

Clause	Statement	Data		
10.1	The <i>Supplier</i> is (Name): Address Tel No. Fax No.			
11.2(8)	The <i>Goods</i> 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 <i>Risk Register</i>			
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are			
30.1	The <i>Delivery Date</i> of the <i>Goods</i> and <i>Services</i> is:	<i>Goods and Services</i>		<i>Delivery Date</i>
		1	Various types of Motors	Stated in every <i>Purchase Order</i>
31.1	The programme identified in the <i>Contract Data</i> is contained in:	As per the <i>Purchase Order</i>		
63.2	The <i>percentage for overheads and profit</i> added to the Defined Cost is	%		

⁴ Either April 2013 or December 2009 Edition as stated by *Purchaser* in *Contract Data* part 1.

⁵ Available from Engineering Contract Strategies Tel 011 803 3008, Fax 086 539 1902, or www.ecs.co.za

PART 2: PRICING DATA

NEC3 Supply Contract

Document reference	Title	Pages
C2.1	Pricing assumptions	24 - 25
C2.2	The <i>Price Schedule</i>	26 - 29

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

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

Function of the *Price Schedule*

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

Preparing the *Price Schedule*

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

It will be assumed that the tendering *Supplier* has

- Read Pages 8, 11, 12 and Appendix 5 of the SC3 Guidance Notes before preparing the *Price Schedule*;
- Included in his Prices and rates for correction of Defects (core clause 43.1) as there is no compensation event for this unless the Defect is due to a *Supplier's* risk;
- Spread the cost of doing work he chooses not to list as separate items in the *Price Schedule* across other Prices and rates in order to fulfil the obligation to Provide the *Goods* and *Services* under each *Purchase Order*.

- There is no adjustment to lump sum prices in the *Price Schedule* if the amount or quantity of *Goods* stated in a *Purchase Order* later turns out to be different from that estimated at tender stage, except as a result of a compensation event under clause 60.1;
- Understood that the *Supplier* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event.

Format of the *Price Schedule*

Entries in the first four columns in the *Price Schedule* in section C2.2 are made either by the *Purchaser* or the tendering *Supplier*.

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

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

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

C2.2 the *Price Schedule*

1. The total of the Prices is deemed to be fully inclusive of everything necessary for the Supplier to provide the Goods and Services in accordance with the contract, including but not limited to:
 - a) Manufacture and procurement,
 - b) Packaging and protection,
 - c) Transport and delivery,
 - d) Documentation and certification,
 - e) Testing, inspection and acceptance,
 - f) Compliance with all applicable SHEQ requirements, including the PPE
2. Tenderers must complete all rates and prices.
3. Where any listed product is obsolete or no longer manufactured, the tenderer shall clearly indicate such item as "OBSOLETE" in the *Price Schedule* and may, for that item only, propose an alternative product, supported by a manufacturer's data sheet demonstrating compliance with the *Purchaser's* specification and applicable Eskom, SANS and IEC requirements. Alternatives will be considered solely for technical compliance, and only compliant alternatives will be evaluated for price to ensure like-for-like tender comparison.
4. Failure by a tenderer to complete the Price Schedule in full may result in the Tender being declared non-responsive.

Supply of material: PR1076143698

Item	SAP No	Short text	QTY	Unit	Plant	Rate	Price
10	0729671	MOTOR ELEC:0.75 KW;2840 RPM;80M;1.5 A;3	4	EA	Ingula Pump Storage		
20	0721330	MOTOR ELEC:30 KW;2960 RPM;3~ MOT;54 A;1	3	EA	Ingula Pump Storage		
30	0239788	MOTOR ELEC:15 KW;585 RPM;19.6 A;400-690	1	EA	Ankerlig 1 Gas Turbine		
40	0746846	MOTOR:GEARED;220 V 50 HZ 0.09 KW	4	EA	Palmiet Pumped Storage		
50	0746849	MOTOR:GEARED;0.18 KW;380V/50HZ	4	EA	Palmiet Pumped Storage		
60	0746842	MOTOR:GEARED;0.09 KW	4	EA	Palmiet Pumped Storage		
70	0238904	MOTOR ELEC:0.16 KW;2800 RPM;SD50/SK5C;10	10	EA	Ankerlig 1 Gas Turbine		
80	0666340	MOTOR ELEC:0.75 KW;2850 RPM;80;5.2-3 A;B	10	EA	Ankerlig 1 Gas Turbine		

90	0256984	MOTOR ELEC:11 KW;2940 RPM;IM B5 160M;20	10	EA	Ankerlig 1 Gas Turbine		
100	0239790	MOTOR ELEC:13.8 KW;2940 RPM;14.4 A;690 V	10	EA	Ankerlig 1 Gas Turbine		
110	0242378	MOTOR ELEC:132 KW;2978 RPM;1L315;218 A;F	10	EA	Ankerlig 1 Gas Turbine		
120	0684712	MOTOR ELEC:15 KW;2934 RPM;1L160 M/2-2;2	10	EA	Ankerlig 1 Gas Turbine		
130	0674203	MOTOR ELEC:15 KW;2940 RPM;160 M;27 A;400	10	EA	Ankerlig 1 Gas Turbine		
140	0257028	MOTOR ELEC:15 KW;585 RPM;16BA2233Z299/Z	10	EA	Ankerlig 1 Gas Turbine		
150	0239788	MOTOR ELEC:15 KW;585 RPM;19.6 A;400-690	10	EA	Ankerlig 1 Gas Turbine		
160	0593043	MOTOR ELEC:185 KW;2980-3575 RPM;BASE;S1	10	EA	Ankerlig 1 Gas Turbine		
170	0256983	MOTOR ELEC:22 KW;1465 RPM;IEC 60034	10	EA	Ankerlig 1 Gas Turbine		
180	0665013	MOTOR ELEC:3 KW;2800 RPM;AL;7.6 A;400 V	10	EA	Ankerlig 1 Gas Turbine		
190	0257027	MOTOR ELEC:3.5 KW;3545 RPM;55.0-52 A;LH	10	EA	Ankerlig 1 Gas Turbine		
200	0238835	MOTOR ELEC:3.7 KW;2100 RPM;GNRFZE112M/3	10	EA	Ankerlig 1 Gas Turbine		
210	0716874	MOTOR ELEC:30 KW;1475 RPM;200L;52.7 A;55	10	EA	Ankerlig 1 Gas Turbine		
220	0251096	MOTOR ELEC:30 KW;2945 RPM;200L;53 A;400	10	EA	Ankerlig 1 Gas Turbine		
230	0239818	MOTOR ELEC:35.5 KW;2955 RPM;200L;63 A;55	10	EA	Ankerlig 1 Gas Turbine		
240	0620796	MOTOR ELEC:45 KW;2960 RPM;225M;78 A;400	10	EA	Ankerlig 1 Gas Turbine		
250	0727274	MOTOR ELEC:7.5 KW;1460 RPM;132M;FLANGE;4	10	EA	Ankerlig 1 Gas Turbine		
260	0613639	MOTOR ELEC:A2A50313198;3 KW;2800 RPM;90	10	EA	Ankerlig 1 Gas Turbine		
270	0672609	MOTOR:INDUCTION;400VAC 3 PH 7.5 KW	10	EA	Ankerlig 1 Gas Turbine		
280	0238904	MOTOR ELEC:0.16 KW;2800 RPM;SD50/SK5C;10	10	EA	Gourikwa Gas Turbine		
290	0239819	MOTOR ELEC:11 KW;2940 RPM;160M;20 A;IP65	10	EA	Gourikwa Gas Turbine		

300	0239790	MOTOR ELEC:13.8 KW;2940 RPM;14.4 A;690 V	10	EA	Gourikwa Gas Turbine		
310	0239788	MOTOR ELEC:15 KW;585 RPM;19.6 A;400-690	10	EA	Gourikwa Gas Turbine		
320	0239817	MOTOR ELEC:22 KW;1465 RPM;180L;41.5 A;F	10	EA	Gourikwa Gas Turbine		
330	0663579	MOTOR ELEC:22 KW;1470 RPM;FF300;41 A;400	10	EA	Gourikwa Gas Turbine		
340	0671896	MOTOR ELEC:3 KW;2800 RPM;90-IM B9;7.6 A	10	EA	Gourikwa Gas Turbine		
350	0257027	MOTOR ELEC:3.5 KW;3545 RPM;55.0-52 A;LH	10	EA	Gourikwa Gas Turbine		
360	0238835	MOTOR ELEC:3.7 KW;2100 RPM;GNRFZE112M/3	10	EA	Gourikwa Gas Turbine		
370	0568194	MOTOR ELEC:30 KW;1465 RPM;200L;32.5 A;55	10	EA	Gourikwa Gas Turbine		
380	0251096	MOTOR ELEC:30 KW;2945 RPM;200L;53 A;400	10	EA	Gourikwa Gas Turbine		
390	0252085	MOTOR ELEC:30 KW;2950 RPM;200L;53 A;400	10	EA	Gourikwa Gas Turbine		
400	0239818	MOTOR ELEC:35.5 KW;2955 RPM;200L;63 A;55	10	EA	Gourikwa Gas Turbine		
410	0620796	MOTOR ELEC:45 KW;2960 RPM;225M;78 A;400	10	EA	Gourikwa Gas Turbine		
420	0624213	MOTOR:OIL COOLER;1500 RPM	10	EA	Gourikwa Gas Turbine		
430	0644796	MOTOR:PUMP MOTOR;2/3 MIN	10	EA	Gourikwa Gas Turbine		
440	0754837	MOTOR ELEC:22 KW;2950 RPM;180M;0.09 A;48	9	EA	Drakensberg Pumped Storage		
450	0754840	MOTOR ELEC:75 KW;2920;280S-2;138 A;380 V	6	EA	Drakensberg Pumped Storage		
460	0754765	MOTOR ELEC:75 KW;2929 RPM;280S/2;138 A	6	EA	Drakensberg Pumped Storage		
470	0754798	MOTOR ELEC:110 KW;1480 RPM;280M;192 A;80	9	EA	Drakensberg Pumped Storage		
480	0754827	MOTOR ELEC:0.37 KW;1750 RPM;B56;0.8 A;11	6	EA	Drakensberg Pumped Storage		
490	0754801	MOTOR ELEC:300 KW;1488 RPM;355VD;66 A	6	EA	Drakensberg Pumped Storage		
500	0754776	MOTOR ELEC:0.37 KW;1345 RPM;B56;1.09 A	6	EA	Drakensberg Pumped Storage		

510	0756052	MOTOR ELEC:0.18 KW;1340 RPM;MS632-4;0.75	6	EA	Drakensberg Pumped Storage		
520	0756035	MOTOR ELEC:0.25 KW;2750 RPM;71MM;0.93 A	6	EA	Drakensberg Pumped Storage		
530	0756050	MOTOR ELEC:75 KW;725 RPM;315S;150 A;380	6	EA	Drakensberg Pumped Storage		
540	0756027	MOTOR ELEC:7.5 KW;1450 RPM;132MM;15.7 A	6	EA	Drakensberg Pumped Storage		
550	0771852	MOTOR ELEC:0.25 KW;1380 RPM;80;0.7 A;380	24	EA	Drakensberg Pumped Storage		
560	0756034	MOTOR ELEC:2.2 KW;1500 RPM;100MM;5.1 A	6	EA	Drakensberg Pumped Storage		
570	0756051	MOTOR ELEC:0.75 KW;1400 RPM;AD80H;2.1 A	6	EA	Drakensberg Pumped Storage		
580	0756019	MOTOR ELEC:55 KW;980 RPM;250M;114 A;380	6	EA	Drakensberg Pumped Storage		
590	0756028	MOTOR ELEC:2.2 KW;925 RPM;DZ112M;5.6 A	6	EA	Drakensberg Pumped Storage		
600	0756054	MOTOR ELEC:4 KW;1440 RPM;L12M;8.2 A;380	6	EA	Drakensberg Pumped Storage		
610	0756029	MOTOR ELEC:3 KW;1440 RPM;100MM;6.15 A;28	6	EA	Drakensberg Pumped Storage		
620	0756036	MOTOR ELEC:0.37 KW;1445 RPM;71;1.2 A;380	6	EA	Drakensberg Pumped Storage		
630	0756023	MOTOR ELEC:0.25 KW;1380 RPM;63MM;0.85 A	6	EA	Drakensberg Pumped Storage		
640	0756037	MOTOR ELEC:0.06 KW;1380 RPM;56MM;0.24 A	6	EA	Drakensberg Pumped Storage		
650	0756047	MOTOR ELEC:17 KW;950 RPM;200L;39.8 A;380	6	EA	Drakensberg Pumped Storage		
660	0756021	MOTOR ELEC:5.5 KW;2940 RPM;132MM;10.6 A	6	EA	Drakensberg Pumped Storage		
670	0756026	MOTOR ELEC:7.5 KW;960 RPM;160MM;15.5 A	6	EA	Drakensberg Pumped Storage		
680	0756053	MOTOR ELEC:1.1 KW;2900 RPM;90MM;2.4 A;24	6	EA	Drakensberg Pumped Storage		
690	0756046	MOTOR ELEC:15 KW;1455 RPM;MK213056-AB;30	9	EA	Drakensberg Pumped Storage		
700	0756033	MOTOR ELEC:30 KW;2965 RPM;200MM;52 A;400	6	EA	Drakensberg Pumped Storage		
710	0756024	MOTOR ELEC:0.25 KW;1400 RPM;71MM;1.42 A	6	EA	Drakensberg Pumped Storage		

720	0767213	MOTOR ELEC:37 KW;970 RPM;DPC 225M/2;76.9	2	EA	Drakensberg Pumped Storage		
730	0771870	MOTOR ELEC:0.55 KW;2740 RPM;71;1.33 A	2	EA	Drakensberg Pumped Storage		
740	0771869	MOTOR ELEC:1.7 KW;2850 RPM;905;3.7 A;380	4	EA	Drakensberg Pumped Storage		
750	0771871	MOTOR ELEC:0.55 KW;1425 RPM;80;1.5 A;380	2	EA	Drakensberg Pumped Storage		
760	0771872	MOTOR ELEC:0.25 KW;1380 RPM;80;0.7 A;380	1	EA	Drakensberg Pumped Storage		
770	0771855	MOTOR ELEC:55 KW;980 RPM;280;108 A;380 V	3	EA	Drakensberg Pumped Storage		
780	0772337	MOTOR ELEC:4 KW;960 RPM;112 M/ P132;9.2	2	EA	Drakensberg Pumped Storage		
790	0772335	MOTOR ELEC:15.3 KW;1100/1500 RPM;160L	1	EA	Drakensberg Pumped Storage		
800	0772355	MOTOR ELEC:18.5 KW;24 R/S;965 M;36.1 A	2	EA	Drakensberg Pumped Storage		
810	0772352	MOTOR ELEC:55 KW;24 R/S;1220 M 30;130 A	2	EA	Drakensberg Pumped Storage		
820	0772353	MOTOR ELEC:0.37 KW;24 R/S;380 M 28;1.2 A	2	EA	Drakensberg Pumped Storage		
830	0772350	MOTOR ELEC:0.55 KW;24 R/S;480 M 26;1.6 A	2	EA	Drakensberg Pumped Storage		
840	0772347	MOTOR ELEC:0.37 KW;24 R/S;480 M 11;1.2 A	8	EA	Drakensberg Pumped Storage		
850	0772349	MOTOR ELEC:110 KW;1480 RPM;280 M;205 A	2	EA	Drakensberg Pumped Storage		
860	0772348	MOTOR ELEC:5.5 KW;1455 RPM;IMB 35;11 A	2	EA	Drakensberg Pumped Storage		
870	0772128	MOTOR ELEC:0.2 TO 0.8 KW;590 TO 2520;380	1	EA	Drakensberg Pumped Storage		
880	0772044	MOTOR ELEC:25 KW;965 RPM;TYP 6/2486P;56	1	EA	Drakensberg Pumped Storage		
890	0772122	MOTOR ELEC:1.5 TO 0.35 KW;700 L/MIN;380	1	EA	Drakensberg Pumped Storage		
900	0772117	MOTOR ELEC:1.5 KW;1460 RPM;DZ100KAS;38 A	1	EA	Drakensberg Pumped Storage		
910	0772338	MOTOR ELEC:370 W;1440 RPM;380 M/28 MAJAX	1	EA	Drakensberg Pumped Storage		
920	0772095	MOTOR ELEC:110 W;30 SEC 1/4 S;0.50 A;220	1	EA	Drakensberg Pumped Storage		

930	0772336	MOTOR ELEC:220 KW;590 RPM;355 LL;466 A	4	EA	Drakensberg Pumped Storage		
940	0771856	MOTOR ELEC:5.5 KW;1440 RPM;112M;12 A;380	2	EA	Drakensberg Pumped Storage		
950	0772346	MOTOR ELEC:0.75 KW;24 R/S;610M16;2.15 A	1	EA	Drakensberg Pumped Storage		
960	0772339	MOTOR ELEC:3 KW;1400 RPM;251<10;7.3 A	2	EA	Drakensberg Pumped Storage		
970	0772034	MOTOR ELEC:90 W;1200 RPM;GX12;0.33 A;230	1	EA	Drakensberg Pumped Storage		
980	0772079	MOTOR ELEC:0.75 KW;2850 RPM;1.83 A;380 V	1	EA	Drakensberg Pumped Storage		
990	0772033	MOTOR ELEC:7 KW;920 RPM;160;21 TO 24.5 A	4	EA	Drakensberg Pumped Storage		
1000	0772058	MOTOR ELEC:52 KW;725 RPM;280M;117 TO 128	4	EA	Drakensberg Pumped Storage		
1010	0772090	MOTOR ELEC:7 KW;920 RPM;160 M;21 TO 24.5	1	EA	Drakensberg Pumped Storage		
1020	0772119	MOTOR ELEC:66 KW;730 RPM;315 S;380 V;55	1	EA	Drakensberg Pumped Storage		
1030	0772127	MOTOR ELEC:0.4 KW;1290 RPM;XX2104889;1.3	1	EA	Drakensberg Pumped Storage		
1040	0772067	MOTOR ELEC:0.37 KW;2750 RPM;B22280;1.2 A	1	EA	Drakensberg Pumped Storage		
1050	0772073	MOTOR ELEC:0.25 KW;2750 RPM;B01379;0.7 A	8	EA	Drakensberg Pumped Storage		
1060	0772056	MOTOR ELEC:17 KW;950 RPM;200;11 V;FOOT	4	EA	Drakensberg Pumped Storage		
1070	0772105	MOTOR ELEC:0.25 KW;1400 RPM;LS 63 L1;380	1	EA	Drakensberg Pumped Storage		
1080	0772051	MOTOR ELEC:4 KW;1425 RPM;DZ112M;8.8 A;28	2	EA	Drakensberg Pumped Storage		
1090	0772114	MOTOR ELEC:3 KW;1430 RPM;100L;6.26 A;380	2	EA	Drakensberg Pumped Storage		
1100	0772104	MOTOR ELEC:30 KW;2965 RPM;LS 6206-2AH;52	1	EA	Drakensberg Pumped Storage		
1110	0772109	MOTOR ELEC:0.75 KW;14 RPM;80-4;2.15 A;19	4	EA	Drakensberg Pumped Storage		
1120	0772032	MOTOR ELEC:5.5 KW;2940 RPM;132;10.6 A;38	1	EA	Drakensberg Pumped Storage		
1130	0772063	MOTOR ELEC:4 KW;1410 RPM;132;8.8 A;400 V	1	EA	Drakensberg Pumped Storage		

1140	0772046	MOTOR ELEC:30 KW;965 RPM;TP 36/24 K6P;63	1	EA	Drakensberg Pumped Storage		
1150	0239711	PROTECTOR OVRLD:1.1-1.6 A;3;600 V;MOTOR	1	EA	Ankerlig 1 Gas Turbine		
1160	0140789	MOTOR ELEC:FLANGE;DIA 38 X LG 100 MM	1	EA	Acacia Gas Turbine		
1170	0775053	MOTOR ELEC:440 KW;2983 RPM;45 A;6600 V	10	EA	Gourikwa Gas Turbine		
1180	0775300	MOTOR ELEC:390 KW;2980 RPM;40 A;6600 V	10	EA	Gourikwa Gas Turbine		
1190	0635022	MOTOR ELEC:KE 94-60K;660 W;8000-20000;1	10	EA	Ingula Pump Storage		
1200	0141347	MOTOR ELEC:1 HP;2800 RPM;3-1.7-2.4-1.2 A	10	EA	Port Rex Power Station		
1220	0179127	MOTOR ELEC:7.5 KW;960 RPM;15.5 A;380 VAC	10	EA	Drakensberg Pumped Storage		
1230	0179127	MOTOR ELEC:7.5 KW;960 RPM;15.5 A;380 VAC	10	EA	Ankerlig 1 Gas Turbine		
1250	0579893	MOTOR:SPRING LOADING GEAR;220 VAC 50 HZ	10	EA	Drakensberg Pumped Storage		
1260	0617849	MOTOR ELEC:400 W;1730 RPM;71M;1.2 A;BASE	10	EA	Ingula Pump Storage		
1270	0620404	MOTOR ELEC:11 KW;945 RPM;TF0A;21 A;400 V	10	EA	Ingula Pump Storage		
1280	0635022	MOTOR ELEC:KE 94-60K;660 W;8000-20000;1	10	EA	Ingula Pump Storage		
1300	0718467	MOTOR ELEC:2.2 KW;1435 RPM;4,56 A;400 V	10	EA	Ingula Pump Storage		
1310	0718468	MOTOR ELEC:200 KW;1485 RPM;377 A;400 V;3	10	EA	Ingula Pump Storage		
1320	0719660	MOTOR ELEC:155.2 KW;1400 RPM;1500 M;FOOT	10	EA	Ingula Pump Storage		
1330	0720332	MOTOR ELEC:106.7 KW;1490 RPM;1500M;FOOT	10	EA	Ingula Pump Storage		
1340	0720333	MOTOR ELEC:1.5 KW;1400 RPM;01LN;3.49 A	10	EA	Ingula Pump Storage		
1350	0720754	MOTOR ELEC:2.2 KW;935 RPM;S1;9.35/5.38 A	10	EA	Ingula Pump Storage		
1370	0720773	MOTOR ELEC:15 KW;1460 RPM;S1;29.50/17.20	10	EA	Ingula Pump Storage		
1380	0720772	MOTOR ELEC:45 KW;980 RPM;0;47.4 A;690;1	10	EA	Ingula Pump Storage		

1390	0720824	MOTOR ELEC:11 KW;1475 RPM;0;21.5 A;400 V	10	EA	Ingula Pump Storage		
1400	0720833	MOTOR ELEC:5.5 KW;2930 RPM;0;11.2 A;415	10	EA	Ingula Pump Storage		
1410	0721438	MOTOR ELEC:100 KW;2924 RPM;250D;55 A;60	10	EA	Ingula Pump Storage		
1420	0721441	MOTOR ELEC:175 KW;2963 RPM;300D;41.3 A	10	EA	Ingula Pump Storage		
1430	0721442	MOTOR ELEC:385 KW;2931 RPM;385D;85 A;33	10	EA	Ingula Pump Storage		
1440	0721443	MOTOR ELEC:37 KW;985 RPM;100;68.1 A;400	10	EA	Ingula Pump Storage		
1450	0721446	MOTOR ELEC:30 KW;1470 RPM;200L;53.9 A;1	10	EA	Ingula Pump Storage		
1460	0724304	MOTOR ELEC:37 KW;980 RPM;IEC34-5;0.82 A	10	EA	Ingula Pump Storage		
1470	0724862	MOTOR ELEC:15 KW;1450 RPM;DZ160L;30 A;42	10	EA	Palmiet Pumped Storage		
1480	0725655	MOTOR ELEC:147 KW;860 RPM;CAST IRON;45 A	10	EA	Ingula Pump Storage		
1490	0725844	MOTOR ELEC:0.12 KW;1335 RPM;SK63S/4;0.09	10	EA	Ingula Pump Storage		
1500	0726459	MOTOR ELEC:0.12 KW;1335 RPM;SK63S/4 MS	10	EA	Ingula Pump Storage		
1510	0726460	MOTOR ELEC:0.12 KW;1335 RPM;SK63S/4;0.55	10	EA	Ingula Pump Storage		
1520	0726657	MOTOR ELEC:0.18 KW;1350 RPM;ET63B-44;0.7	10	EA	Ingula Pump Storage		
1530	0727067	MOTOR ELEC:1.5 KW;1440 RPM;90L -04;3.26	10	EA	Ingula Pump Storage		
1540	0727068	MOTOR ELEC:2.2 KW;1435 RPM;100L -04;4.64	10	EA	Ingula Pump Storage		
1550	0727069	MOTOR ELEC:4 KW;1460/182 RPM;IEC 60034;3	10	EA	Ingula Pump Storage		
1560	0727233	MOTOR ELEC:1,5 KW;1440 RPM;1212048;3,4 A	10	EA	Ingula Pump Storage		
1570	0727234	MOTOR ELEC:0.75 KW;2840 RPM;CAST IRON;1	10	EA	Ingula Pump Storage		
1580	0728167	MOTOR ELEC:11 KW;1470 RPM;160M;21 A;400	10	EA	Ingula Pump Storage		
1590	0728169	MOTOR ELEC:4 KW;1460 RPM;112M;8.5 A;400	10	EA	Ingula Pump Storage		

1600	0728329	MOTOR ELEC:3 KW;1400 RPM;100M;6.5 A;400	10	EA	Ingula Pump Storage		
1610	0728330	MOTOR ELEC:15 KW;2960 RPM;160M;27 A;400	10	EA	Ingula Pump Storage		
1620	0728800	MOTOR ELEC:22 KW;1456 RPM;41.7 A;400 V;4	10	EA	Ingula Pump Storage		
1630	0730707	MOTOR ELEC:2.2 KW;700 RPM;5AP132S-8;3.3	10	EA	Ingula Pump Storage		
1640	0730709	MOTOR ELEC:7.7 KW;1451 RPM;W4/220/150;30	10	EA	Ingula Pump Storage		
1650	0739174	MOTOR ELEC:37 KW;1500 RPM;D2255;73 A;380	10	EA	Palmiet Pumped Storage		
1660	0756715	MOTOR ELEC:7.5 KW;1000 RPM;160;15.8 A;42	10	EA	Acacia Gas Turbine		
1670	0758266	MOTOR CHRT DRV:415 To 1024 RPM;24 V;100	10	EA	Ingula Pump Storage		
1680	0720769	MOTOR ELEC:0.014 KW;1390 RPM;0.09 A;1;0	10	EA	Ingula Pump Storage		
1690	0756715	MOTOR ELEC:7.5 KW;1000 RPM;160;15.8 A;42	10	EA	Port Rex Power Station		
1700	0761371	MOTOR ELEC:11 KW;2940 RPM;160M;20 A;400	10	EA	Ankerlig 1 Gas Turbine		
1710	0781134	MOTOR ELEC:41.4 KW;1475 RPM;225M;75 A;60	10	EA	Ankerlig 1 Gas Turbine		
1720	0775963	MOTOR ELEC:0.03 KW;2945 RPM;160M-02;28.4	24	EA	Drakensberg Pumped Storage		
13660	0720769	MOTOR ELEC:0.014 KW;1390 RPM;0.09 A;1;0	10	EA	Ingula Pump Storage		
13670	0756715	MOTOR ELEC:7.5 KW;1000 RPM;160;15.8 A;42	10	EA	Port Rex Power Station		
13700	0782397	MOTOR ELEC:132 KW;1487 RPM;D315MXL;29.6	1	EA	Palmiet Pumped Storage		
13710	0782394	MOTOR ELEC:7.5 KW;2850 RPM;132S;14 A;B3	1	EA	Palmiet Pumped Storage		
13720	0782395	MOTOR ELEC:15 KW;1480 RPM;160L;28 A;400	16	EA	Palmiet Pumped Storage		
13730	0782396	MOTOR ELEC:45 KW;2960 RPM;225S/M-2;78 A	2	EA	Palmiet Pumped Storage		
13750	0140922	MOTOR ELEC:7.5 KW;1435 RPM;DX132M;FOOT;F	2	EA	Palmiet Pumped Storage		
13760	0782914	MOTOR ELEC:15 KW;1445 RPM;DX 160L;29.8;4	2	EA	Palmiet Pumped Storage		

13770	0782913	MOTOR ELEC:5.5 KW;1445 RPM;132S;11.4 AC	2	EA	Palmiet Pumped Storage		
13780	0782912	MOTOR ELEC:15 KW;965 RPM;180L;22.5 A;380	2	EA	Palmiet Pumped Storage		
13790	0782353	MOTOR ELEC:35 KW;1470 RPM;225S;68 A;380	8	EA	Palmiet Pumped Storage		
13800	0782910	MOTOR ELEC:0.25 KW;910 RPM;71B;220-380 V	4	EA	Palmiet Pumped Storage		
13810	0140499	MOTOR ELEC:11 KW;970 RPM;160L;23 A;380;6	4	EA	Palmiet Pumped Storage		
13820	0140498	MOTOR ELEC:3.7 KW;960 RPM;132S;8.3 A;380	2	EA	Palmiet Pumped Storage		
13830	0140500	MOTOR ELEC:15 KW;970 RPM;180M;30 A;380;6	4	EA	Palmiet Pumped Storage		
13840	0179015	MOTOR ELEC:45 KW;1465 RPM;D225M;89 A;380	4	EA	Palmiet Pumped Storage		
13850	0234506	MOTOR ELEC:5.5 KW;1450 RPM;132S;11.5 A;F	4	EA	Palmiet Pumped Storage		
13860	0782601	MOTOR ELEC:15 KW;2940 RPM;160M;31 A;380	2	EA	Palmiet Pumped Storage		
13870	0664500	MOTOR ELEC:2.2 KW;1430 RPM;DX100LD;5.3 A	2	EA	Palmiet Pumped Storage		
13880	0724862	MOTOR ELEC:15 KW;1450 RPM;DZ160L;30 A;42	3	EA	Palmiet Pumped Storage		
13890	0782659	MOTOR ELEC:45 KW;1485 RPM;225S/M;88.5 A	4	EA	Palmiet Pumped Storage		
13900	0664500	MOTOR ELEC:2.2 KW;1430 RPM;DX100LD;5.3 A	2	EA	Palmiet Pumped Storage		
13910	0724862	MOTOR ELEC:15 KW;1450 RPM;DZ160L;30 A;42	6	EA	Palmiet Pumped Storage		
13920	0782660	MOTOR ELEC:185 KW;1436 RPM;D355LD;41 A;F	2	EA	Palmiet Pumped Storage		
13930	0725185	PUMP:SUBMERSIBLE;80 MM;12 L/S;2905 RPM	2	EA	Palmiet Pumped Storage		
13940	0782920	MOTOR ELEC:11 KW;1450 RPM;160M;22.3 A;42	2	EA	Palmiet Pumped Storage		
13950	0783050	MOTOR ELEC:3 KW;2850 RPM;100L;6,6 A;380	8	EA	Palmiet Pumped Storage		
13960	0783049	MOTOR ELEC:0.09 KW;2800 RPM;56A;220/380	2	EA	Palmiet Pumped Storage		
13970	0783052	MOTOR ELEC:7.5 KW;1435 KW;DX132MD;6.6 A	2	EA	Palmiet Pumped Storage		

13980	0783233	MOTOR ELEC:0.37 KW;650 RPM;56S;3.7 A;230	2	EA	Palmiet Pumped Storage		
13990	0783292	MOTOR ELEC:3.7 KW;1420 RPM;112M;7.6 A;28	2	EA	Palmiet Pumped Storage		
TBC	TBC	Adhoc Supply of Motors (Unlisted Items): (Supply of Motors or related components not listed in the price schedule, based on defined cost supported by invoices, plus the percentage (%) fee. Cost includes procurement and handling as required and instructed by the <i>Purchaser</i>)	1	% fee	Various sites		
TBC	TBC	Transport and Delivery cost per KM travelled	per km	R			

The total of the Prices (Supply)

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PART 3: SCOPE OF WORK

Document reference	Title	Pages
	This cover page	30
C3.1	<i>Purchaser's Goods</i> Information	31 - 43
	Total number of pages	

C3.1: PURCHASER'S GOODS INFORMATION

1. Overview and purpose of the Goods and Services

Different types of motors as described in the "**C2.2 the Price Schedule**" and "**Specification and description of the Goods**" are required at various Eskom Peaking Power Stations for maintenance purposes over a period of 5 years.

2. Specification and description of the Goods

All motors shall comply with the applicable SANS/IEC/SABS and Eskom standards (or higher where mandated). The *Supplier* provides test reports/CoCs with each delivery.

The supply and delivery of the following *Goods* are required in terms of this contract:

ERP Number	Short Format Description	Purchase Order Description
0179127	MOTOR ELEC:7.5 KW;960 RPM;15.5 A;380 VAC	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 960 RPM; CURRENT: 15.5 A; POTENTIAL: 380 VAC; MOUNTING: FOOT; SHAFT SIZE: DIA 42 MM; INSULATION CLASS: B; PHASE: 3; SERVICE FACTOR: CONTINUOUS; CONNECTION STAR, 50 HZ
0720772	MOTOR ELEC:45 KW;980 RPM;0;47.4 A;690;1	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 980 RPM; FRAME: 0; CURRENT: 47.4 A; POTENTIAL: 690 VAC; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 1; CONNECTION LOCATION: 0; CLASSIFICATION: S1; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: 45 DEG C; SPECIFICATION: EN 60034; TYPE: BGVOL280SM/6; MANUF P/N: 3~MOT-NR.7669919
0783050	MOTOR ELEC:3 KW;2850 RPM;100L;6,6 A;380	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 2850 RPM; FRAME: 100L; CURRENT: 6,6 A; POTENTIAL: 380 V; MOUNTING: B3; ENCLOSURE RATING: IPP5; SHAFT SIZE: DIA 28; HT 100 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 2 POLES; INSULATION CLASS: CLASS F; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: CLASS B DEG C; DIRECTION: BI-DIRECTION; TYPE: THREE-PHASE SQUIRREL-CAGE INDUCTION M; MANUF P/N: 100L/-75
0256984	MOTOR ELEC:11 KW;2940 RPM;IM B5 160M;20	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2940 RPM; FRAME: IM B5 160M; CURRENT: 20 A; POTENTIAL: 400 VAC; MOUNTING: FLANGE; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 45 X LG 110 MM; CONNECTION LOCATION: FRONT TOP; POLES: 2; INSULATION CLASS: 155(F)-130(B); PHASE: 3; CASING MATERIAL: ALUMINIUM; TEMPERATURE CLASS: F; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC; TYPE: 3 PHASE MOTOR; SUPPL P/N: 1LA71632AA61-Z; FOR USE AT ANKERLIG 1 LUBE OIL (MBV) COOLING SYSTEM
0663579	MOTOR ELEC:22 KW;1470 RPM;FF300;41 A;400	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 1470 RPM; FRAME: FF300; CURRENT: 41 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 180 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: LUBE OIL MBV; POLES: 4; INSULATION CLASS: 155F TO 130B; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: -20 TO 40 DEG C; DIRECTION: BI-DIRECTIONAL; TYPE: IEC SQUIRREL CAGE ROTOR; SUPPL P/N: 1LE1503-1EB43-4JA4; PG0033221500,

		A2A50340366; SELF VENTILATED, 3 AC 50 HZ 400 VDC/690 VY; 3 AC 60 HZ 460VD IM B 35
0754765	MOTOR ELEC:75 KW;2929 RPM;280S/2;138 A	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 2929 RPM; FRAME: 280S/2; CURRENT: 138 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP54; SHAFT SIZE: 65 MM; CONNECTION LOCATION: SV OIL PUMP
0772105	MOTOR ELEC:0.25 KW;1400 RPM;LS 63 L1;380	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 1400 RPM; FRAME: LS 63 L1; CURRENT: 0.82 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 14 MM; CONNECTION LOCATION: TAILRACE ACCESS TUNNEL GATE; TAILRACE ACCESS TUNNEL GATE
0771871	MOTOR ELEC:0.55 KW;1425 RPM;80;1.5 A;380	MOTOR, ELECTRIC: POWER: 0.55 KW; SPEED: 1425 RPM; FRAME: 80; CURRENT: 1.5 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 19 MM; CONNECTION LOCATION: BUSBAR FANS; SUPPL P/N: 1509421; BUSBAR FANS
0772058	MOTOR ELEC:52 KW;725 RPM;280M;117 TO 128	MOTOR, ELECTRIC: POWER: 52 KW; SPEED: 725 RPM; FRAME: 280M; CURRENT: 117 TO 128 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 50 MM; CONNECTION LOCATION: MACHINE HALL CRANE 250 TON HOIST; MACHINE HALL CRANE 250 TON HOIST
0756023	MOTOR ELEC:0.25 KW;1380 RPM;63MM;0.85 A	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 1380 RPM; FRAME: 63MM; CURRENT: 0.85 A; POTENTIAL: 380 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 11 MM; CONNECTION LOCATION: MAIN CW
0620404	MOTOR ELEC:11 KW;945 RPM;TF0A;21 A;400 V	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 945 RPM; FRAME: TF0A; CURRENT: 21 A; POTENTIAL: 400 V; MOUNTING: BASE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 X LG 120 MM; CONNECTION LOCATION: RIGHT; POLES: 6; PHASE: 3; CASING MATERIAL: STEEL; SERVICE FACTOR: S1; TEMPERATURE CLASS: 80 K; DIRECTION: CLOCKWISE; TYPE: INDUCTION
0141347	MOTOR ELEC:1 HP;2800 RPM;3-1.7-2.4-1.2 A	MOTOR, ELECTRIC: POWER: 1 HP; SPEED: 2800 RPM; CURRENT: 3-1.7-2.4-1.2 A; POTENTIAL: 220/380 VAC; MOUNTING: FLANGE; SHAFT SIZE: DIA 16 X LG 47 MM; POLES: 2; INSULATION CLASS: E; PHASE: 3; CONNECTION STAR/DELTA, 50 HZ
0721438	MOTOR ELEC:100 KW;2924 RPM;250D;55 A;60	MOTOR, ELECTRIC: POWER: 100 KW; SPEED: 2924 RPM; FRAME: 250D; CURRENT: 55 A; POTENTIAL: 1994 V; MOUNTING: VERTICAL; ENCLOSURE RATING: IP68; SHAFT SIZE: 60 MM; CONNECTION LOCATION: BOREHOLE; POLES: 2; SPECIFICATION: IE60034; TYPE: UPA250C-150/5Q; SUPPL P/N: UPA250-150/50+UMA250-110/22; SUBMERSABLE BOREHOLE PUMP: 100 KW; 2924 RPM; 2 POLE; 1994 A; TYPE: UPA250C-150/5Q: 400 V; 50 HZ; IP68; ORIENTATION VERTICAL; UPA250-150/5Q+UMA250-110/22
0782914	MOTOR ELEC:15 KW;1445 RPM;DX 160L;29.8;4	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 1445 RPM; FRAME: DX 160L; CURRENT: 29.8 AC; POTENTIAL: 380 VAC; MOUNTING: B3 FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 42 MM; CONNECTION LOCATION: TOP MOUNTED; POLES: 4; INSULATION CLASS: CLASS F; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: B DEG; DIRECTION: CW; TYPE: INDUCTION ELECTRIC MOTOR
0727069	MOTOR ELEC:4 KW;1460/182 RPM;IEC 60034;3	MOTOR, ELECTRIC: POWER: 4 KW; SPEED: 1460/182 RPM; FRAME: IEC 60034; CURRENT: 8.20 A; POTENTIAL: 400 V; MOUNTING: IMB5 FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: MAIN SHAFT 27 MM; CONNECTION

		LOCATION: FRAME; PHASE: 3; DIRECTION: CLOCKWISE; FAN: 23 MM
0730709	MOTOR ELEC:7.7 KW;1451 RPM;W4/220/150;30	MOTOR, ELECTRIC: POWER: 7.7 KW; SPEED: 1451 RPM; FRAME: W4/220/150; CURRENT: 13.2 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP54; SHAFT SIZE: 30 MM; CONNECTION LOCATION: TOP VIEW; POLES: 2; PHASE: 3; DIRECTION: CLOCKWISE; TYPE: L/22/150; GEN TRANSFORMER OIL COOLING PUMP 7.7 KW, 400 V, 13.2 A, SQUIRREL CAGE MOTOR IP54
0746842	MOTOR:GEARED;0.09 KW	MOTOR: TYPE: GEARED; RATING: 0.09 KW; MANUF P/N: 615 244/0048; 50NB PN40 AUTOMATIC SELF-CLEANING STRAINER; CONTROL VOLTAGE: 220 V; INSULATION CLASS: B; ENCLOSURE: IP44;
0782659	MOTOR ELEC:45 KW;1485 RPM;225S/M;88.5 A	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 1485 RPM; FRAME: 225S/M; CURRENT: 88.5 A; POTENTIAL: 380 V; MOUNTING: V1; ENCLOSURE RATING: IP66; SHAFT SIZE: 60 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 4 POLES; INSULATION CLASS: H; PHASE: 3 PHASE; CASING MATERIAL: CASING IRON; SERVICE FACTOR: 1.15; DIRECTION: BI- DIRECTION; TYPE: 3-PHASE SQUIRREL CAGE INDUCTION MOTOR; MANUF P/N: 12862502 W22 - IE3; MOTOR, ELECTRIC (088104): 45KILOWATT, 1485 REVOLUTIONS PER MINUTE, FRAME SIZE 225S/M,CURRENT:88,5A, 380VOLT, V1, IP66, DIA ;60MM LG 140MM, TERMINAL BOX CONNECTION, 4 POLES, INSULATION CLASS: H, 3 PHASE, CASING IRON, SERVICE FACTOR :1.15, BI- DIRECTION, 3-PHASE SQUIRREL CAGE INDUCTION MOTOR
0775963	MOTOR ELEC:15 KW;2945 RPM;160M-02;28.4 A	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 2945 RPM; FRAME: 160M-02; CURRENT: 28.4 A; POTENTIAL: 380 V; MOUNTING: FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 60.4 MM; CONNECTION LOCATION: GEN MOTOR FANS
0782397	MOTOR ELEC:132 KW;1487 RPM;D315MXL;29.6	MOTOR, ELECTRIC: POWER: 132 KW; SPEED: 1487 RPM; FRAME: D315MXL; CURRENT: 29.6 A; POTENTIAL: 3300 V; MOUNTING: B3; ENCLOSURE RATING: IP55; SHAFT SIZE: OD 75 SHAFT EXTENSION LG 140 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 4; INSULATION CLASS: CLASS F; PHASE: 3 PHASE; CASING MATERIAL: CAST IRON; SERVICE FACTOR: 1.0; TEMPERATURE CLASS: CLASS B AT 120 DEG C; DIRECTION: BI -DIRECTIONAL; TYPE: 3 PHASE SQUIRREL CAGE INDUCTION MOTOR; MOTOR,ELCTRIC
0756021	MOTOR ELEC:5.5 KW;2940 RPM;132MM;10.6 A	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 2940 RPM; FRAME: 132MM; CURRENT: 10.6 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP66; SHAFT SIZE: 38 MM; CONNECTION LOCATION: AIR BLOWER
0782601	MOTOR ELEC:15 KW;2940 RPM;160M;31 A;380	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 2940 RPM; FRAME: 160M; CURRENT: 31 A; POTENTIAL: 380 V; MOUNTING: B3 (FOOT MOUNTED); ENCLOSURE RATING: IP55; SHAFT SIZE: 42 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 2; INSULATION CLASS: F; PHASE: 3 PHASE; CASING MATERIAL: CAST IRON; DIRECTION: CW; TYPE: 3PH SQUIRREL - CAGE INDUCTION MOTOR; MANUF P/N: LA3164-2YA40; BEARINGS: 6309C3 / Z DE - 6309C3V N.D.E - LOCATION: SHAFT SEAL PUMP
0772119	MOTOR ELEC:66 KW;730 RPM;315 S;380 V;55	MOTOR, ELECTRIC: POWER: 66 KW; SPEED: 730 RPM; FRAME: 315 S; CURRENT: 145 TO 154 A; POTENTIAL: 380

		V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: SPHERICAL VALVE CRANE HOIST; SPHERICAL VALVE CRANE HOIST
0721441	MOTOR ELEC:175 KW;2963 RPM;300D;41.3 A	MOTOR, ELECTRIC: POWER: 175 KW; SPEED: 2963 RPM; FRAME: 300D; CURRENT: 41.3 A; POTENTIAL: 33000 V; MOUNTING: VERTICAL; ENCLOSURE RATING: IP68; SHAFT SIZE: 300 MM; CONNECTION LOCATION: BOREHLOE; SPECIFICATION: IE60034; TYPE: UPA300-65/6Q; SUPPL P/N: UPA300-65/6Q+UMA300/300/22+TCD; EMERGENCY PUMP; 50 HZ; SUBMERSIBLE
0727234	MOTOR ELEC:0.75 KW;2840 RPM;CAST IRON;1	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 2840 RPM; FRAME: CAST IRON; CURRENT: 4.8 A; POTENTIAL: 240 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP44; SHAFT SIZE: DIA 16 MM; CONNECTION LOCATION: TOP; PHASE: 1; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: 60 DEG C; DIRECTION: CLOCKWISE; SUPPL P/N: 209.0160.838; SPECK: AQUADRIVE 1100; MODULE: 6452QTH-A28X;N693
0771869	MOTOR ELEC:1.7 KW;2850 RPM;905;3.7 A;380	MOTOR, ELECTRIC: POWER: 1.7 KW; SPEED: 2850 RPM; FRAME: 905; CURRENT: 3.7 A; POTENTIAL: 380 V; MOUNTING: BRACKET; ENCLOSURE RATING: IP66; SHAFT SIZE: 24 MM; CONNECTION LOCATION: PONY MOTOR FANS; SUPPL P/N: SERIAL NO: 128704/12PI; PONY MOTOR FANS
0721443	MOTOR ELEC:37 KW;985 RPM;100;68.1 A;400	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 985 RPM; FRAME: 100; CURRENT: 68.1 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 1; CONNECTION LOCATION: FRESH AIR UNIT; INSULATION CLASS: S1; SPECIFICATION: IE60034-1; TYPE: ESHE 250-6; SUPPL P/N: ESHE 250M-6
0726657	MOTOR ELEC:0.18 KW;1350 RPM;ET63B-44;0.7	MOTOR, ELECTRIC: POWER: 0.18 KW; SPEED: 1350 RPM; FRAME: ET63B-44; CURRENT: 0.7 A; POTENTIAL: 400 VAC; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 14 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: NON-HAZARDOUS; PHASE: 3; CASING MATERIAL: CAST IRON; DIRECTION: CLOCKWISE; TYPE: ET63B-44; SUPPL P/N: 91S03039; TURBINE GREASE PUMP MOTOR; MFV80 AP 101
0718467	MOTOR ELEC:2,2 KW;1435 RPM;4,56 A;400 V	MOTOR, ELECTRIC: POWER: 2,2 KW; SPEED: 1435 RPM; FRAME: BAA10 GH GH010; CURRENT: 4,56 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; CONNECTION LOCATION: BUSDUCT COMPRESSOR; PHASE: 3; CASING MATERIAL: CAST IRON; TYPE: 100L-04; SUPPL P/N: 11749694 /1016428393; FOOT MOUNTED MOTOR, BAA10GH010 BUSDUCT COMPRESSOR,2,2KW, 50HZ,1435RPM,3PHASE JNS CL=F,4,56A, DT=80K,IP55
0664500	MOTOR ELEC:2.2 KW;1430 RPM;DX100LD;5.3 A	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1430 RPM; FRAME: DX100LD; CURRENT: 5.3 A; POTENTIAL: 380 V; MOUNTING: FLANGE B5; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: LEFT HAND SIDE; PHASE: 3; CASING MATERIAL: CAST IRON; TYPE: SQUIRREL CAGE; REFERENCE NO: 0181890/005/0A; U1-U3 BFP FILLING OIL PUMP MOTOR
0727068	MOTOR ELEC:2.2 KW;1435 RPM;100L -04;4.64	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1435 RPM; FRAME: 100L -04; CURRENT: 4.64 A; POTENTIAL: 400 V; MOUNTING: IBB5/FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 25 MM; CONNECTION LOCATION: FRAME; PHASE: 3; DIRECTION: CLOCK WISE; FAN: 23 MM
0234506	MOTOR ELEC:5.5 KW;1450 RPM;132S;11.5 A;F	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1450 RPM; FRAME: 132S; CURRENT: 11.5 A; POTENTIAL: 380 VAC;

		MOUNTING: FOOT; ENCLOSURE RATING: TEFC; INSULATION CLASS: F; PHASE: 3; AC SEAL OIL PUMP FOR TURBINE, CONNECTION DELTA, 0.83 SERVICE FACTOR, 50HZ
0782912	MOTOR ELEC:15 KW;965 RPM;180L;22.5 A;380	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 965 RPM; FRAME: 180L; CURRENT: 22.5 A; POTENTIAL: 380 VAC; MOUNTING: B3 FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 48 MM; CONNECTION LOCATION: TOP MOUNTED; POLES: 6; PHASE: 3; CASING MATERIAL: CAST IRON; TYPE 1LG4186-6AA90-Z-PURPOSE:LIFT ROOM MOTOR
0772353	MOTOR ELEC:0.37 KW;24 R/S;380 M 28;1.2 A	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 24 R/S; FRAME: 380 M 28; CURRENT: 1.2 A; POTENTIAL: 380 V; MOUNTING: DUCT; ENCLOSURE RATING: IP65; SHAFT SIZE: 2.4 MM; CONNECTION LOCATION: SPHERICAL VAVE; SPHERICAL VALVE EXTRACTION FAN, DUCT MOUNTED
0726459	MOTOR ELEC:0.12 KW;1335 RPM;SK63S/4 MS	MOTOR, ELECTRIC: POWER: 0.12 KW; SPEED: 1335 RPM; FRAME: SK63S/4 MS; CURRENT: 0.55 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 14 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: NON-HAZARDOUS; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: 40 DEG C; DIRECTION: CLOCKWISE; SUPPL P/N: SK63S/4 MS
0756029	MOTOR ELEC:3 KW;1440 RPM;100MM;6.15 A;28	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1440 RPM; FRAME: 100MM; CURRENT: 6.15 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP66; SHAFT SIZE: 28 MM; CONNECTION LOCATION: RAW METER
0256983	MOTOR ELEC:22 KW;1465 RPM;IEC 60034	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 1465 RPM; SPECIFICATION: IEC 60034; TYPE: LUBE OIL SKID
0727067	MOTOR ELEC:1.5 KW;1440 RPM;90L -04;3.26	MOTOR, ELECTRIC: POWER: 1.5 KW; SPEED: 1440 RPM; FRAME: 90L -04; CURRENT: 3.26 A; POTENTIAL: 400 V; MOUNTING: IMB5 FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 20; CONNECTION LOCATION: FRAME; PHASE: 3; TEMPERATURE CLASS: 40 DEG C; DIRECTION: CLOCKWISE; FAN SHAFT 15 MM
0725185	PUMP:SUBMERSIBLE;80 MM;12 L/S;2905 RPM	PUMP: TYPE: SUBMERSIBLE; SIZE: 80 MM; CAPACITY: 12 L/S; SPEED: 2905 RPM; RATING: 11 KW; POTENTIAL: 400 V; FURNISHED ITEMS: 30M CABLE; CASING MATERIAL: HARD IRON; SUPPL P/N: NP 3153.181 SH 273; WET PIT(P): SEMI PERMANENT, SUBMERSIBLE PUMP INSTALLATION. WET PIT ARRANGEMENT WITH THE PUMP INSTALLED; CABLE TO BE CONTINUOUS AND NOT JOINT; PUMP PERFORMANCE TEST RESULTS TO BE SUPPLIED UPON DELIVERY. OPERATIONS AND MAINTENANCE INSTRUCTION MANUALS TO BE SUPPLIED UPON DELIVERY
0720824	MOTOR ELEC:11 KW;1475 RPM;0;21.5 A;400 V	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1475 RPM; FRAME: 0; CURRENT: 21.5 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 1 M; CONNECTION LOCATION: TRANSFORMER FANS; CLASSIFICATION: IEC 60034; POLES: 3; INSULATION CLASS: IP55; PHASE: 3; CASING MATERIAL: CAST IRON; SPECIFICATION: IEC60034; TYPE: 160M4HW; SUPPL P/N: 185742/0003H1E2; SFC TRANSFORMER FANS MOTOR; 122 KG; VEM MOTOR; KKS:00BPT10A501
0728167	MOTOR ELEC:11 KW;1470 RPM;160M;21 A;400	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1470 RPM; FRAME: 160M; CURRENT: 21 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP;

		CLASSIFICATION: NON-HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: -20/+40 DEG; DIRECTION: CLOCKWISE; SPECIFICATION: IEC 60034
0782913	MOTOR ELEC:5.5 KW;1445 RPM;132S;11.4 AC	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1445 RPM; FRAME: 132S; CURRENT: 11.4 AC; POTENTIAL: 380 V; MOUNTING: B3; ENCLOSURE RATING: IP55; SHAFT SIZE: 38 MM; CONNECTION LOCATION: TOP MOUNTED TERMINAL BOX; POLES: 4; INSULATION CLASS: CLASS F; PHASE: 3; CASING MATERIAL: CAST IRON; DIRECTION: CW; SPECIFICATION: IEC 60072; TYPE: INDUCTION MOTOR - SQUIRREL CAGE ROTORS; MOTOR TYPE: ALS 132S
0140922	MOTOR ELEC:7.5 KW;1435 RPM;DX132M;FOOT;F	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1435 RPM; FRAME: DX132M; CURRENT: 15-8.64 A; POTENTIAL: 380/660 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 X LG 80 MM; CONNECTION LOCATION: LEFT; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: STEEL; DIRECTION: ANTI- CLOCKWISE; 4 X 13 MM DIA; MTG CENTRES 1.35 M X 2.1 M; BASE TO SHAFT CENTRE 1.35 M; CONNECTION DELTA/STAR; 50 HZ
0756715	MOTOR ELEC:7.5 KW;1000 RPM;160;15.8 A;42	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1000 RPM; FRAME: 160; CURRENT: 15.8 A; POTENTIAL: 380 VAC; MOUNTING: B30 PAD MOUNT; ENCLOSURE RATING: IP55; SHAFT SIZE: 42 MM; CONNECTION LOCATION: JUNCTION BOX; CLASSIFICATION: IEC 60034-1; POLES: 6; INSULATION CLASS: H RISE F; PHASE: 3; CASING MATERIAL: CAST IRON; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80 K; DIRECTION: ANTI CLOCK FROM DE; SPECIFICATION: (IE1) W22; TYPE: LUBE OIL COOLER FAN; ASSEMBLY DRAWING OF MOTOR TO BE PROVIDED; PROVIDE ELECTRICAL TEST CERTIFICATES
0726460	MOTOR ELEC:0.12 KW;1335 RPM;SK63S/4;0.55	MOTOR, ELECTRIC: POWER: 0.12 KW; SPEED: 1335 RPM; FRAME: SK63S/4; CURRENT: 0.55 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 14 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: NON-HAZARDOUS; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: 40 DEG C; DIRECTION: CLOCKWISE; TYPE: SK63S/4; SUPPL P/N: SK63S/4 ; LABYRINTH CW FILTER MOTOR
0783292	MOTOR ELEC:3.7 KW;1420 RPM;112M;7.6 A;28	MOTOR, ELECTRIC: POWER: 3.7 KW; SPEED: 1420 RPM; FRAME: 112M; CURRENT: 7.6 A; POTENTIAL: 380 V; MOUNTING: B3 FOOT MOUNTED; ENCLOSURE RATING: IP44; SHAFT SIZE: 28 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 4 POLES; INSULATION CLASS: CLASS F; PHASE: 3 PHASE; CASING MATERIAL: CAST IRON; SERVICE FACTOR: 1.0; TEMPERATURE CLASS: CLASS B DEG C; DIRECTION: BI- DIRECTIONAL; TYPE: THREE PHASE INDUCTION MOTOR; MANUF P/N: 112M MLA 3115A; MOTOR, ELECTRIC (088104): POWER:3,7KILOWATT, SPEED:1420RPM, FRAME SIZE: 112M, 7.6AMPERE, 380VOLT, B3 (FOOT MOUNTED), IP44, SHAFT SIZE:OD 28MM LG 60MM, TERMINAL BOX CONNECTION, 4 POLES, CLASS F, 3 PHASE, CAST IRON, 1.0, CLASS BDEGREE CENTIGRADE, BI- DIRECTIONAL, THREE PHASE INDUCTION MOTOR.PLANT CODE PALMIET 3560: APPLICATION :BRAKE AIR COMPRESSOR. ITEMS SHOULD BE INDIVIDUALLY PACKED AND WRAPPED TO PREVENT DAMAGE DURING TRANSPORTATION.

0772338	MOTOR ELEC:370 W;1440 RPM;380 M/28 MAJAX	MOTOR, ELECTRIC: POWER: 370 W; SPEED: 1440 RPM; FRAME: 380 M/28 MAJAX; CURRENT: 1.2 A; POTENTIAL: 380 V; MOUNTING: DUCT; ENCLOSURE RATING: IP65; SHAFT SIZE: 14 - 28 MM; CONNECTION LOCATION: SURFACE RETURN AIR FAN; SURFACE RETURN AIR FAN
0725844	MOTOR ELEC:0.12 KW;1335 RPM;SK63S/4;0.09	MOTOR, ELECTRIC: POWER: 0.12 KW; SPEED: 1335 RPM; FRAME: SK63S/4; CURRENT: 0.09 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 14 MM; CONNECTION LOCATION: SIDE CONNECTION; CLASSIFICATION: NON HAZARDOUS; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: -20 TO 40 DEG C; DIRECTION: CLOCKWISE; TYPE: SK63S/4; SUPPL P/N: 200745164-100
0720332	MOTOR ELEC:106.7 KW;1490 RPM;1500M;FOOT	MOTOR, ELECTRIC: POWER: 106.7 KW; SPEED: 1490 RPM; FRAME: 1500M; CURRENT: 190.0/110.0 A; POTENTIAL: D/Y 400/690 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: A/T 1500 M; CONNECTION LOCATION: UNIT COOLING WATER PUMP; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CAST IRON; TYPE: 16BG310-4MA B3; SUPPL P/N: 4030674; UNIT COOLING WATER PUMP MOTOR
0724862	MOTOR ELEC:15 KW;1450 RPM;DZ160L;30 A;42	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 1450 RPM; FRAME: DZ160L; CURRENT: 30 A; POTENTIAL: 380 V; MOUNTING: B3 FOOT; ENCLOSURE RATING: IP44; SHAFT SIZE: 42 MM; CONNECTION LOCATION: RIGHT HAND SIDE; PHASE: 3 PHASE; TYPE: STOP LOG
0772090	MOTOR ELEC:7 KW;920 RPM;160 M;21 TO 24.5	MOTOR, ELECTRIC: POWER: 7 KW; SPEED: 920 RPM; FRAME: 160 M; CURRENT: 21 TO 24.5 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 42 MM; CONNECTION LOCATION: SPHERICAL VALVE CRANE LONG TRAVEL; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; SPHERICAL VALVE CRANE LONG TRAVEL
0756019	MOTOR ELEC:55 KW;980 RPM;250M;114 A;380	MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 980 RPM; FRAME: 250M; CURRENT: 114 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 250 MM; CONNECTION LOCATION: HP PUMP
0772335	MOTOR ELEC:15.3 KW;1100/1500 RPM;160L	MOTOR, ELECTRIC: POWER: 15.3 KW; SPEED: 1100/1500 RPM; FRAME: 160L; CURRENT: 37.7 A; POTENTIAL: 380 V; MOUNTING: FOOT MOUNTED; ENCLOSURE RATING: IP65; SHAFT SIZE: 30-42 MM; CONNECTION LOCATION: BATTERY ROOM AIRCON; SUPPL P/N: 50 BMO2019300PA; BATTERY ROOM AIRCON SUPPLY FAN
0746849	MOTOR:GEARED;0.18 KW;380V/50HZ	MOTOR: TYPE: GEARED; RATING: 0.18 KW; SPECIFICATION: 380V/50HZ; 300NB PN16 AUTOMATIC SELF-CLEANING STRAINER; STRAINER: AUTOMATIC SELF-CLEANING STRAINER;MAKE: AUGUST KOCH; CONTROL VOLTAGE: 220 V; INSULATION CLASS: B; ENCLOSURE: IP44
0718468	MOTOR ELEC:200 KW;1485 RPM;377 A;400 V;3	MOTOR, ELECTRIC: POWER: 200 KW; SPEED: 1485 RPM; FRAME: 315S/M-04; PF=081; CURRENT: 377 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; CONNECTION LOCATION: BLOW DOWN SYSTEM AIR COMPRESSOR; PHASE: 3; CASING MATERIAL: CAST IRON; TYPE: 315S/M-04; SUPPL P/N: 1008507838; 50HZ; WEG; DUTYS1; WEIGHT=1065KG; BLOW DOWN SYSTEM AIR COMPRESSOR
0720769	MOTOR ELEC:0.014 KW;1390 RPM;0.09 A;1;0	MOTOR, ELECTRIC: POWER: 0.014 KW; SPEED: 1390 RPM; FRAME: WO 366956/027; CURRENT: 0.09 A; POTENTIAL: 1 VAC; MOUNTING: FLANGE; ENCLOSURE RATING: IP54;

		SHAFT SIZE: 1 M; CONNECTION LOCATION: 0; CLASSIFICATION: CLASS F; INSULATION CLASS: 1A; CASING MATERIAL: CAST IRON; SPECIFICATION: IEC60034; TYPE: AEPP56B4-ER-TFSN4/SN5; SUPPL P/N: AEPP56B4-EP-TFSN/SN5; TYPE: AEPP56B4-ER-TFSN4/SN5 1 MOT WO 366956; TH.CL.F + IP54 + S1 + IEC60034; 50 HZ: 230 V + 0.09 KW + 1 A; 1390 RPM + COS - 0,97 + CB = 8MF + 030519
0239818	MOTOR ELEC:35.5 KW;2955 RPM;200L;63 A;55	MOTOR, ELECTRIC: POWER: 35.5 KW; SPEED: 2955 RPM; FRAME: 200L; CURRENT: 63 A; POTENTIAL: 460 V 60 HZ; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: IP55; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 0.88; TEMPERATURE CLASS: 45 DEG C; TYPE: LUBE OIL SKID; SUPPL P/N: 1LA52072AA64-Z; 120 MM LG SHAFT, DELTA CONNECTION
0754837	MOTOR ELEC:22 KW;2950 RPM;180M;0.09 A;48	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 2950 RPM; FRAME: 180M; CURRENT: 0.09 A; POTENTIAL: 380 V; MOUNTING: FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 48 MM; CONNECTION LOCATION: AL RIGHT HAND SIDE T/BOX
0140500	MOTOR ELEC:15 KW;970 RPM;180M;30 A;380;6	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 970 RPM; FRAME: 180M; CURRENT: 30 A; POTENTIAL: 380 VAC; MOUNTING: FOOT; POLES: 6; INSULATION CLASS: B; PHASE: 3; DRAWING NO: M9617628/23P1 REV 1; REFERENCE NO: A7108030Y1; MLA3185A; 50HZ
0727233	MOTOR ELEC:1,5 KW;1440 RPM;1212048;3,4 A	MOTOR, ELECTRIC: POWER: 1,5 KW; SPEED: 1440 RPM; FRAME: 1212048; CURRENT: 3,4 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; INSULATION CLASS: F; PHASE: 3; DIRECTION: CLOCKWISE; 3 PH.MOT; IP55; NR:1212048; EN60034; TYP: 9AA90L - 4 B5; 50 HZ; KW: 1,5/1,75 S1; V: D/Y 230/400; A: 5,7 / 3,3 RPM: 1440/1755; COS FI: 0,77/0,76; ISOL.KL.F: 4020740
0756051	MOTOR ELEC:0.75 KW;1400 RPM;AD80H;2.1 A	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 1400 RPM; FRAME: AD80H; CURRENT: 2.1 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 19 MM; CONNECTION LOCATION: GOVERNOR
0635022	MOTOR ELEC:KE 94-60K;660 W;8000-20000;1	MOTOR, ELECTRIC: POWER: 660 W; SPEED: 8000-20000 RPM; FRAME: CAGE; CURRENT: 2.64 A; POTENTIAL: 220- 250 VDC; MOUNTING: FLANGE; ENCLOSURE RATING: IP00; SHAFT SIZE: DIA 12 X LG 35 MM; CONNECTION LOCATION: OPEN; INSULATION CLASS: KL.B; PHASE: 1; CASING MATERIAL: ALUMINIUM; SERVICE FACTOR: S2; DIRECTION: BI-DIRECTIONAL; TYPE: UNIVERSAL; OEM P/N: KE 94-60K, OEM: GROSCHOFF; COMPLETE WITH HELICAL GEAR
0772350	MOTOR ELEC:0.55 KW;24 R/S;480 M 26;1.6 A	MOTOR, ELECTRIC: POWER: 0.55 KW; SPEED: 24 R/S; FRAME: 480 M 26; CURRENT: 1.6 A; POTENTIAL: 380 V; MOUNTING: DUCT MOUNT; ENCLOSURE RATING: IP55; SHAFT SIZE: 2.4 MM; CONNECTION LOCATION: TRANSFORMER HALL; TRANSFORMER HALL, DUCT MOUNTED FAN: EXTRACTION FAN
0593043	MOTOR ELEC:185 KW;2980-3575 RPM;BASE;S1	MOTOR, ELECTRIC: POWER: 185 KW; SPEED: 2980-3575 RPM; FRAME: 1R315S/M3-2PTC; CURRENT: 304-264.6 A; POTENTIAL: 460 VAC; 400 VDC; MOUNTING: BASE; ENCLOSURE RATING: S1; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP DE; CLASSIFICATION: IP55; POLES: 2; INSULATION CLASS: F; PHASE: 3; DIRECTION:

		UNI DIRECTIONAL; TYPE: STAR/DELTA INDUCTION; BEARINGS: D/E = 6317C3; ND/E = 6317C3
0771856	MOTOR ELEC:5.5 KW;1440 RPM;112M;12 A;380	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1440 RPM; FRAME: 112M; CURRENT: 12 A; POTENTIAL: 380 V; MOUNTING: DUCT; ENCLOSURE RATING: IP65; SHAFT SIZE: 24 MM; CONNECTION LOCATION: EXTRACTION FAN CABLE SPREAD; SUPPL P/N: SERIAL NO: J18592/2; EXTRACTION FAN CABLE SPREADER ROOM
0754776	MOTOR ELEC:0.37 KW;1345 RPM;B56;1.09 A	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 1345 RPM; FRAME: B56; CURRENT: 1.09 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP65; SHAFT SIZE: 11 MM; CONNECTION LOCATION: OIL SEPERATOR
0771870	MOTOR ELEC:0.55 KW;2740 RPM;71;1.33 A	MOTOR, ELECTRIC: POWER: 0.55 KW; SPEED: 2740 RPM; FRAME: 71; CURRENT: 1.33 A; POTENTIAL: 380 V; MOUNTING: BRACKET; ENCLOSURE RATING: IP55; SHAFT SIZE: 14 TO 20 MM; CONNECTION LOCATION: SUP RING FANS; SUPPL P/N: CA0305B150A10A005523PA; SUP RING FANS
0756024	MOTOR ELEC:0.25 KW;1400 RPM;71MM;1.42 A	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 1400 RPM; FRAME: 71MM; CURRENT: 1.42 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP44; SHAFT SIZE: 14 MM; CONNECTION LOCATION: TAILRACE GATE
0782395	MOTOR ELEC:15 KW;1480 RPM;160L;28 A;400	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 1480 RPM; FRAME: 160L; CURRENT: 28 A; POTENTIAL: 400 V; MOUNTING: B3 (FOOT MOUNTED); ENCLOSURE RATING: IP55; SHAFT SIZE: OD 42 LG EXTENSION 110 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 4; INSULATION CLASS: CLASS F; PHASE: 3-PHASE; CASING MATERIAL: CAST IRON; SERVICE FACTOR: 1; TEMPERATURE CLASS: CLASS B DEG C; DIRECTION: BI- DIRECTIONAL; TYPE: THREE-PHASE ASYNCHRONOUS MOTOR; MANUF P/N: IE2-WE2R 160L 4 KV PT HW; MOTOR, ELECTRIC (088104): 15 KILOWATT, 1480REVOLUTIONS PER MINUTE, 160, 28AMPERE, 400VOLT, B3, IP55, OD 42 LG EXTENSION 110MILLIMETER, TERMINAL BOX CONNECTION, 4, CLASS F, 3, CASING IRON, 1, CLASS BDEGREE CENTIGRADE, BI, THREE-PHASE ASYNCHRONOUS MOTOR
0772104	MOTOR ELEC:30 KW;2965 RPM;LS 6206-2AH;52	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 2965 RPM; FRAME: LS 6206-2AH; CURRENT: 52 A; POTENTIAL: 400 V; MOUNTING: FOOT MOUNTED; ENCLOSURE RATING: IP66; SHAFT SIZE: 55 MM; CONNECTION LOCATION: WATER PLANT - S/FLTR PUMP; WATER PLANT SUPPLY PUMPS JAGERSRUST - S/FLTR PUMP
0772056	MOTOR ELEC:17 KW;950 RPM;200;11 V;FOOT	MOTOR, ELECTRIC: POWER: 17 KW; SPEED: 950 RPM; FRAME: 200; CURRENT: 39.8 TO 40.4 A; POTENTIAL: 11 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: TAILRACE GATE; TAILRACE GATE MOTOR HOIST
0724304	MOTOR ELEC:37 KW;980 RPM;IEC34-5;0.82 A	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 980 RPM; FRAME: IEC34-5; CURRENT: 0.82 A; POTENTIAL: 380 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP 55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: GEARBOX; CASING MATERIAL: CAST IRON; TYPE: MOT.3-FCP250MT-6; 50 HZ; ICL-F S1; EFF 92.2 PCT; TERMISTOR 1
0756046	MOTOR ELEC:15 KW;1455 RPM;MK213056-AB;30	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 1455 RPM; FRAME: MK213056-AB; CURRENT: 30 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 42 MM; CONNECTION LOCATION: S/V COMPRESSOR

0772122	MOTOR ELEC:1,5 TO 0.35 KW;700 L/MIN;380	MOTOR, ELECTRIC: POWER: 1,5 TO 0.35 KW; SPEED: 700 L/MIN; FRAME: PK 10N-F; CURRENT: 3.9 TO 3.7 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP54; SHAFT SIZE: 24 MM; CONNECTION LOCATION: TRANSFORMER HALL CRANE DRIVE SMALL HOIST; TRANSFORMER HALL CRANE DRIVE SMALL HOIST
0783049	MOTOR ELEC:0.09 KW;2800 RPM;56A;220/380	MOTOR, ELECTRIC: POWER: 0.09 KW; SPEED: 2800 RPM; FRAME: 56A; CURRENT: 0.51/0.29 A; POTENTIAL: 220/380 V; MOUNTING: B FOOT; ENCLOSURE RATING: IP54; SHAFT SIZE: DIA 9; LG 20 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 2 POLE; INSULATION CLASS: CLASS F; PHASE: SINGLE PHASE/ 3 PHASE; CASING MATERIAL: ALUMINIUM; SERVICE FACTOR: 1; TEMPERATURE CLASS: CLASS B; DIRECTION: BI-DIRECTION; TYPE: SINGLE OR THREE PHASE MOTOR DEPENDS ON THE MODEL; MANUF P/N: DPIN 56A-2; APPLICATION: GREASE PUMP CHANGE OVER MOTOR.ITEMS SHOULD BE INDIVIDUALLY PACKED AND WRAPPED TO PREVENT DAMAGE DURING TRANSPORTATION.
0772339	MOTOR ELEC:3 KW;1400 RPM;251<10;7.3 A	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1400 RPM; FRAME: 251<10; CURRENT: 7.3 A; POTENTIAL: 380 V; MOUNTING: DUCT; ENCLOSURE RATING: IP65; SHAFT SIZE: 2.4 MM; CONNECTION LOCATION: CHILLER PLANT; SUPPLY FAN, DUCT MOUNTED
0725655	MOTOR ELEC:147 KW;860 RPM;CAST IRON;45 A	MOTOR, ELECTRIC: POWER: 147 KW; SPEED: 860 RPM; FRAME: CAST IRON; CURRENT: 45 A; POTENTIAL: 230 V; MOUNTING: FOOT; ENCLOSURE RATING: IP32; SHAFT SIZE: 30 MM; CONNECTION LOCATION: NON DRIVE END; CLASSIFICATION: NON HAZARDOUS; POLES: 6; INSULATION CLASS: F; PHASE: SINGLE; CASING MATERIAL: ALUMINIUM; DIRECTION: CLOCKWISE
0772044	MOTOR ELEC:25 KW;965 RPM;TYP 6/2486P;56	MOTOR, ELECTRIC: POWER: 25 KW; SPEED: 965 RPM; FRAME: TYP 6/2486P; CURRENT: 56 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 65 MM; CONNECTION LOCATION: SPHERICAL VALVE CRANE HOIST; SPHERICAL VALVE CRANE SMALL HOIST
0239790	MOTOR ELEC:13.8 KW;2940 RPM;14.4 A;690 V	MOTOR, ELECTRIC: POWER: 13.8 KW; SPEED: 2940 RPM; FRAME: 1LA71642AA61-2; CURRENT: 14.4 A; POTENTIAL: 690 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP67; SHAFT SIZE: 40 MM; CONNECTION LOCATION: HORIZONTAL; CLASSIFICATION: HAZARDOUS; POLES: 2; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 0.88; DIRECTION: CONVENTIONAL; SPECIFICATION: F120R35 HF; 120 MM LG SHAFT, STAR CONNECTION
0782920	MOTOR ELEC:11 KW;1450 RPM;160M;22.3 A;42	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1450 RPM; FRAME: 160M; CURRENT: 22.3 A; POTENTIAL: 380 V; MOUNTING: B3- FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 42 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 4 POLE; INSULATION CLASS: CLASS F; PHASE: 3 PHASE; CASING MATERIAL: CAST IRON; SERVICE FACTOR: 1; TEMPERATURE CLASS: CLASS B DEG C; DIRECTION: BI; TYPE: THREE-PHASE SQUIRREL-CAGE INDUCTION MOTOR; MANUF P/N: DX 160M; MOTOR, ELECTRIC: POWER 11 KILOWATT, 1450 REVOLUTIONS PER MINUTE, FRAME: DX 160M, 22,3AMPERE, 380VOLT, B3 FOOT MOUNTED, IP55, OD 42; HT 160MILLIMETER, TERMINAL BOX CONNECTION, 4 POLE, CLASS F, 3 PHASE, CAST

		IRON, 1, CLASS B DEGREE CENTIGRADE, BI, THREE-PHASE SQUIRREL-CAGE INDUCTION MOTOR. ITEMS SHOULD BE INDIVIDUALLY PACKED AND WRAPPED TO PREVENT DAMAGED DURING TRANSPORTATION.
0756034	MOTOR ELEC: 2.2 KW; 1500 RPM; 100MM; 5.1 A	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1500 RPM; FRAME: 100MM; CURRENT: 5.1 A; POTENTIAL: 380 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP44; SHAFT SIZE: 100 MM; CONNECTION LOCATION: ROTOR JACKING
0756026	MOTOR ELEC: 7.5 KW; 960 RPM; 160MM; 15.5 A	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 960 RPM; FRAME: 160MM; CURRENT: 15.5 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 42 MM; CONNECTION LOCATION: P/T GUIDE
0772355	MOTOR ELEC: 18.5 KW; 24 R/S; 965 M; 36.1 A	MOTOR, ELECTRIC: POWER: 18.5 KW; SPEED: 24 R/S; FRAME: 965 M; CURRENT: 36.1 A; POTENTIAL: 380 V; MOUNTING: DUCTING; ENCLOSURE RATING: IP55; SHAFT SIZE: 60 MM; CONNECTION LOCATION: PENSTOCK EXTRACTION FAN; DUCT MOUNTED FAN, PENSTOCK EXTRACTION FAN
0756035	MOTOR ELEC: 0.25 KW; 2750 RPM; 71MM; 0.93 A	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 2750 RPM; FRAME: 71MM; CURRENT: 0.93 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 14 MM; CONNECTION LOCATION: TAILRACE BRAKE
0251096	MOTOR ELEC: 30 KW; 2945 RPM; 200L; 53 A; 400	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 2945 RPM; FRAME: 200L; CURRENT: 53 A; POTENTIAL: 400 VAC; MOUNTING: FLANGE; ENCLOSURE RATING: IP65; SHAFT SIZE: 55 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; DIRECTION: ANTI CLOCKWISE; TYPE: INDUCTION; SUPPL P/N: 1LA52062AA61-Z; REFERENCE NO: E0604/491159 01001 EC/EN 60034; 50 HZ; FOR USE ON COOLING PLANT MPR
0772046	MOTOR ELEC: 30 KW; 965 RPM; TP 36/24 K6P; 63	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 965 RPM; FRAME: TP 36/24 K6P; CURRENT: 63 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: MACHINE HALL CRANE DRIVE; MACHINE HALL CRANE DRIVE - 10 TON HOIST (SLIP RING MOTOR)
0767213	MOTOR ELEC: 37 KW; 970 RPM; DPC 225M/2; 76.9	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 970 RPM; FRAME: DPC 225M/2; CURRENT: 76.9 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP67; SHAFT SIZE: 83 MM; CONNECTION LOCATION: BLOWDOWN COMPRESSOR
0772114	MOTOR ELEC: 3 KW; 1430 RPM; 100L; 6.26 A; 380	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1430 RPM; FRAME: 100L; CURRENT: 6.26 A; POTENTIAL: 380 V; MOUNTING: FOOT MOUNTED; ENCLOSURE RATING: IP66; SHAFT SIZE: 28 MM; CONNECTION LOCATION: WATER PLANT - RAW WATER; WATER PLANT SUPPLY PUMPS JAGERSRUST - RAW WATER
0772349	MOTOR ELEC: 110 KW; 1480 RPM; 280 M; 205 A	MOTOR, ELECTRIC: POWER: 110 KW; SPEED: 1480 RPM; FRAME: 280 M; CURRENT: 205 A; POTENTIAL: 380 V; MOUNTING: FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 80 MM; CONNECTION LOCATION: MAIN SUPPLY; FOOT MOUNTED MOTOR, MAIN SUPPLY
0772032	MOTOR ELEC: 5.5 KW; 2940 RPM; 132; 10.6 A; 38	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 2940 RPM; FRAME: 132; CURRENT: 10.6 A; POTENTIAL: 400 V; MOUNTING: FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 38 MM; CONNECTION LOCATION: WATER PLANT - PRESSURE REGULATOR; WATER PLANT SUPPLY PUMPS JAGERSRUST - PRESSURE REGULATOR

0617849	MOTOR ELEC:400 W;1730 RPM;71M;1.2 A;BASE	MOTOR, ELECTRIC: POWER: 400 W; SPEED: 1730 RPM; FRAME: 71M; CURRENT: 1.2 A; POTENTIAL: 380-460 VAC; MOUNTING: BASE; ENCLOSURE RATING: IP43; SHAFT SIZE: DIA 14 X LG 40 MM; CONNECTION LOCATION: TOP RH; POLES: 4; PHASE: 3; CASING MATERIAL: STEEL; SERVICE FACTOR: S1; DIRECTION: BI-DIRECTIONAL; TYPE: INDUCTION; DRAWING NO: M792-518644C2P2 REV 0; REFERENCE NO: 1211G002651
0746846	MOTOR:GEARED;220 V 50 HZ 0.09 KW	MOTOR: TYPE: GEARED; RATING: 220 V 50 HZ 0.09 KW; SPECIFICATION: 0.09KW/380V/50HZ; 100NB PN40 AUTOMATIC SELF-CLEANING STRAINER; MOTOR TYPE: GEARED MOTOR; INSULATION CLASS: B; ENCLOSURE: IP44
0772109	MOTOR ELEC:0.75 KW;14 RPM;80-4;2.15 A;19	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 14 RPM; FRAME: 80-4; CURRENT: 2.15 A; POTENTIAL: 380 V; MOUNTING: FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 19 MM; CONNECTION LOCATION: BUS DUCT SUPPLY FAN; BUS DUCT SUPPLY FAN
0720333	MOTOR ELEC:1.5 KW;1400 RPM;01LN;3.49 A	MOTOR, ELECTRIC: POWER: 1.5 KW; SPEED: 1400 RPM; FRAME: 01LN; CURRENT: 3.49 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP 66; SHAFT SIZE: 100 MM; CONNECTION LOCATION: MOTOR POWER PACK; CASING MATERIAL: CAST IRON; TYPE: Y2E2-90L-4; SUPPL P/N: Y2E2-90L-4; 1400 RPM; 400 V; 3.49 A; IP66; WEIGHT 26 KG; INS CLASS H; DUTY S1; SERIAL NO: I002104-01/0365 SLEEVE V/V P/P MOTOR POWER PACK. 01LNX12AP101
0754840	MOTOR ELEC:75 KW;2920;280S-2;138 A;380 V	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 2920; FRAME: 280S-2; CURRENT: 138 A; POTENTIAL: 380 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP54; SHAFT SIZE: 65 MM; CONNECTION LOCATION: GOVERNOR OIL
0730707	MOTOR ELEC:2.2 KW;700 RPM;5AP132S-8;3.3	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 700 RPM; FRAME: 5AP132S-8; CURRENT: 3.3 A; POTENTIAL: 400 V; MOUNTING: IMB5 / FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 32 MM; CONNECTION LOCATION: TOP; PHASE: 3; DIRECTION: CLOCK WISE; TYPE: 1325-8; STATION OIL SYSTEM FIXED PURIFICATION PLANT 00QSA30AT501, 2.2 KW
0728330	MOTOR ELEC:15 KW;2960 RPM;160M;27 A;400	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 2960 RPM; FRAME: 160M; CURRENT: 27 A; POTENTIAL: 400 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 30 MM; CONNECTION LOCATION: TOP VIEW; POLES: 2; INSULATION CLASS: F; PHASE: 3; TEMPERATURE CLASS: -20 TO 40 DEG C; DIRECTION: CLOCKWISE; SUPPL P/N: 1LE10003DA334AB4-Z; SURGE CHAMBER AIR COMPRESSOR MOTOR; 50-00LQC12AN101
0782660	MOTOR ELEC:185 KW;1436 RPM;D355LD;41 A;F	MOTOR, ELECTRIC: POWER: 185 KW; SPEED: 1436 RPM; FRAME: D355LD; CURRENT: 41 A; POTENTIAL: 3300 V; MOUNTING: V1; ENCLOSURE RATING: IP55; SHAFT SIZE: 120 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 4 POLES; INSULATION CLASS: F; PHASE: 3 PHASE; SERVICE FACTOR: 1; TEMPERATURE CLASS: CLASS B DEG; DIRECTION: BI DIRECTION; TYPE: THREE PHASE INDUCTION MOTOR; MANUF P/N: D355LD
0624213	MOTOR:OIL COOLER;1500 RPM	MOTOR: TYPE: OIL COOLER; RATING: 1500 RPM; OEM P/N: A2A50303448; SUPPL P/N: PG0030412800
0772352	MOTOR ELEC:55 KW;24 R/S;1220 M 30;130 A	MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 24 R/S; FRAME: 1220 M 30; CURRENT: 130 A; POTENTIAL: 380 V; MOUNTING: DUCTING; ENCLOSURE RATING: IP65; SHAFT

		SIZE: 80 MM; CONNECTION LOCATION: MACHINE HALL; MACHINE HALL EXTRACTION FAN, DUCT MOUNTED
0720773	MOTOR ELEC:15 KW;1460 RPM;S1;29.50/17.20	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 1460 RPM; FRAME: S1; CURRENT: 29.50/17.20 A; POTENTIAL: 380/420 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP 55; SHAFT SIZE: 1 M; CONNECTION LOCATION: COUPLED TO PUMP; CLASSIFICATION: S1; INSULATION CLASS: 155(F); CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: E; SPECIFICATION: 3~IEC60034; TYPE: RX97DRS180S4; MANUF P/N: RX97DRS180S4; RX97DRS180S4; 71.7173630902.0001.14; INVERTER DUTY: VPWM; IEC60034; HZ:50; RPM: 1460/442; V: 380-420/660-725 Y; KW: 15 S1; A: 29.50/17.20; EFF PCT: 89.5 IE1; COS 0: 0,83; IP55; TH.CL.155(F); KG: 182,772; NM: 325; L: 3.30; CLP 220 MINER OIL / 2.10 L
0756047	MOTOR ELEC:17 KW;950 RPM;200L;39.8 A;380	MOTOR, ELECTRIC: POWER: 17 KW; SPEED: 950 RPM; FRAME: 200L; CURRENT: 39.8 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: REELING METER
0729671	MOTOR ELEC:0.75 KW;2840 RPM;80M;1.5 A;3	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 2840 RPM; FRAME: 80M; CURRENT: 1.5 A; POTENTIAL: 400 V; MOUNTING: IMB5 / FLANGE; ENCLOSURE RATING: IP43; SHAFT SIZE: DIA 16 MM; CONNECTION LOCATION: FRAME; PHASE: 3; DIRECTION: CLOCKWISE; TYPE: MLD8085P; EFF 0,85 RATING S1, INSUL 130 (B), RULE IEC60034-1 (2004)
0758266	MOTOR CHRT DRV:415 To 1024 RPM;24 V;100	MOTOR, CHART DRIVE: SPEED: 415 To 1024 RPM; POTENTIAL: 24 V; CURRENT: 100 MA; POWER: 24 KW; SUPPL P/N: 0607-390; OIL PUMP MOTOR , 24 V FOR INGULA GAS GUARD SYSTEM TM8
0719660	MOTOR ELEC:155.2 KW;1400 RPM;1500 M;FOOT	MOTOR, ELECTRIC: POWER: 155.2 KW; SPEED: 1400 RPM; FRAME: 1500 M; CURRENT: 270.0/157.0 A; POTENTIAL: D/Y 400/690 V; MOUNTING: FOOT; ENCLOSURE RATING: A/T1500M; SHAFT SIZE: 0.87 M; CONNECTION LOCATION: COMMON COOLING WATER PUMP; PHASE: 3; CASING MATERIAL: CAST IRON; TYPE: 16BG316-4MA B3; SUPPL P/N: 4030673; FOOT MOUNTED MOTOR, 3 PH MOTOR, COMMON COOLING WATER PUMP MOTOR
0754801	MOTOR ELEC:300 KW;1488 RPM;355VD;66 A	MOTOR, ELECTRIC: POWER: 300 KW; SPEED: 1488 RPM; FRAME: 355VD; CURRENT: 66 A; POTENTIAL: 3300 V; MOUNTING: FLANGE MOUNTED; ENCLOSURE RATING: IP44; SHAFT SIZE: 100 MM; CONNECTION LOCATION: D&D PUMP
0771852	MOTOR ELEC:0.25 KW;1380 RPM;80;0.7 A;380	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 1380 RPM; FRAME: 80; CURRENT: 0.7 A; POTENTIAL: 380 V; MOUNTING: FOOTING; ENCLOSURE RATING: IP55; SHAFT SIZE: 19 MM; CONNECTION LOCATION: COMMON SERVICE STRAINER; SUPPL P/N: M1081745
0720754	MOTOR ELEC:2.2 KW;935 RPM;S1;9.35/5.38 A	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 935 RPM; FRAME: S1; CURRENT: 9.35/5.38 A; POTENTIAL: 220-240/380-420 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 1; CONNECTION LOCATION: FLANGE; INSULATION CLASS: 155(F); CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: 77,7 (100 PCT F.L) DEG C; SPECIFICATION: SANS 1804: 1&2; TYPE: MART 112M-6; SUPPL P/N: 10220/16146; R/MIN: 935; AS: 9,35/5,38; VOLTS: 220-240/380- 420; CONN.Y: HZ: 50; IP55; EFF%: 77,7 (100% F.L); 77,7 (75% F.L); 76.1 (50% F.L); COS 0: 0.76; AMB.T: 40; INS.C1: F; MASS: 41

0739174	MOTOR ELEC:37 KW;1500 RPM;D2255;73 A;380	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 1500 RPM; FRAME: D2255; CURRENT: 73 A; POTENTIAL: 380 V; MOUNTING: VERTICAL FLANGE; ENCLOSURE RATING: CLASS F; SHAFT SIZE: 30; CONNECTION LOCATION: 3 PHASE; POLES: 4; INSULATION CLASS: F; PHASE: 3; TYPE: SQUARREL CAGE; TYPE SQUIRREL-CAGE, INDUCTION. WARRANTY ON THE MOTOR IS MINIMUM 1 YEAR ON DELIVERY OR 6 MONTHS AFTER INSTALLATION WHICHEVER IS LONGER. THE FULL LOAD CURRENT SHOULD NOT EXCEED THE EXISTING MOTOR PROTECTION AND SWITCHGEAR. USES WITCH: 315 ; FUSE RATING: 160 A THERMAL OVERLOAD SETTING RANGE 75 – 90 SPECIFICATION AS PER ESKOM SCHEDULE A IN ATTACHED LOW VOLTAGE INDUCTION MOTORS TECHNICAL EVALUATION SCHEDULE A&B MOTOR SUPPLIED TO MATCH SUPPLIED VERTICAL PUMP
0613639	MOTOR ELEC:A2A50313198;3 KW;2800 RPM;90	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 2800 RPM; FRAME: 90; CURRENT: 8 A; POTENTIAL: 400 V; MOUNTING: BOLTED; ENCLOSURE RATING: IP67; SHAFT SIZE: 90 MM; CONNECTION LOCATION: LH SIDE; POLES: 2; PHASE: 3; OEM P/N: A2A50313198; SUPPL P/N: 799.010.010.0395
0579893	MOTOR:SPRING LOADING GEAR;220 VAC 50 HZ	MOTOR: TYPE: SPRING LOADING GEAR; RATING: 220 VAC 50 HZ; MANUF P/N: 369811948; FOR SACE HA1-HA2 CIRCUIT BREAKER
0756036	MOTOR ELEC:0.37 KW;1445 RPM;71;1.2 A;380	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 1445 RPM; FRAME: 71; CURRENT: 1.2 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 14 MM; CONNECTION LOCATION: TUNNEL METER
0666340	MOTOR ELEC:0.75 KW;2850 RPM;80;5.2-3 A;B	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 2850 RPM; FRAME: 80; CURRENT: 5.2-3 A; POTENTIAL: 380 VAC; MOUNTING: FLANGE/FOOT; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 14 X LG 29 MM; CONNECTION LOCATION: STAR/DELTA; CLASSIFICATION: ZONE 2; INSULATION CLASS: B; PHASE: 3; TEMPERATURE CLASS: T3; SPECIFICATION: EXD IIC T3GB; MATERIAL CERTIFICATE AND MANUALS REQUIRED ON EVERY DELIVERY
0775300	MOTOR ELEC:390 KW;2980 RPM;40 A;6600 V	MOTOR, ELECTRIC: POWER: 390 KW; SPEED: 2980 RPM; FRAME: 1LA4 352-2AN70-Z; CURRENT: 40 A; POTENTIAL: 6600 V; MOUNTING: FOOT; ENCLOSURE RATING: IP 55; SHAFT SIZE: 90 MM; CONNECTION LOCATION: SQUARREL CAGE; CLASSIFICATION: EX DE IIC T4 GB
0754798	MOTOR ELEC:110 KW;1480 RPM;280M;192 A;80	MOTOR, ELECTRIC: POWER: 110 KW; SPEED: 1480 RPM; FRAME: 280M; CURRENT: 192 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 80 MM; CONNECTION LOCATION: MAIN CW
0568194	MOTOR ELEC:30 KW;1465 RPM;200L;32.5 A;55	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1465 RPM; FRAME: 200L; CURRENT: 32.5 A; POTENTIAL: 690 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP65; SHAFT SIZE: 55 MM; CONNECTION LOCATION: LHS FROM NDE; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: 155 DEG F; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: 1LG4 207-4AA60-Z; TYPE: SQUIRREL CAGE INDUCTION; MANUF P/N: 33207437320310; ALL TENDERS/QUOTES TO BE ACCOMPANIED BY APPLICABLE DATA SHEETS AND/OR DRAWINGS OF ITEM(S) TENDERED ON; TENDERS WITHOUT DATA SHEETS AND/OR DRAWINGS WILL BE

		REJECTED; EXT IIIC T135 DEG C DB; IA CERTIFICATE TO BE SUPPLIED WITH MOTOR; MOTOR TO BE FITTED WITH COOLING FAN UNIT
0644796	MOTOR:PUMP MOTOR;2/3 MIN	MOTOR: TYPE: PUMP MOTOR; RATING: 2/3 MIN; SPECIFICATION: ABB BREAKER HECS-805; SUPPL P/N: GPFX052220R0002; VOLTAGE 220-250 VDC; POWER 660W
0756054	MOTOR ELEC:4 KW;1440 RPM;L12M;8.2 A;380	MOTOR, ELECTRIC: POWER: 4 KW; SPEED: 1440 RPM; FRAME: L12M; CURRENT: 8.2 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 27 MM; CONNECTION LOCATION: GOV COMPRESSOR
0754827	MOTOR ELEC:0.37 KW;1750 RPM;B56;0.8 A;11	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 1750 RPM; FRAME: B56; CURRENT: 0.8 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 11 MM; CONNECTION LOCATION: OIL SEPARATOR
0721442	MOTOR ELEC:385 KW;2931 RPM;385D;85 A;33	MOTOR, ELECTRIC: POWER: 385 KW; SPEED: 2931 RPM; FRAME: 385D; CURRENT: 85 A; POTENTIAL: 33 KV; MOUNTING: VERTICAL; ENCLOSURE RATING: IP68; SHAFT SIZE: 100 MM; CONNECTION LOCATION: BOREHOLE; SPECIFICATION: IE60034; TYPE: UPA350-180/4; SUPPL P/N: UPA350-180/4+VBD 11040-335; SUBMERSIBLE (DEWATERING PUMP); 50 HZ; TYPE: UPA350-180/4+VBD 11040-335; 540 M
0783052	MOTOR ELEC:7.5 KW;1435 KW;DX132MD;6.6 A	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1435 KW; FRAME: DX132MD; CURRENT: 6.6 A; POTENTIAL: 380 V; MOUNTING: B5; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TERMINAL; POLES: 4; INSULATION CLASS: F; PHASE: 3 PHASE; CASING MATERIAL: ALUMINIUM; TEMPERATURE CLASS: CLASS B; DIRECTION: CW; TYPE: SQUIRREL CAGE INDUCTION MOTOR; PURPOSE: EMERGENCY GATE HYDRAULIC HOIST PUMP/MOTOR.
0772095	MOTOR ELEC:110 W;30 SEC 1/4 S;0.50 A;220	MOTOR, ELECTRIC: POWER: 110 W; SPEED: 30 SEC 1/4 S; FRAME: 70-0201-113R4-536/L; CURRENT: 0.50 A; POTENTIAL: 220 V; MOUNTING: FOOT; ENCLOSURE RATING: 4.4X; SHAFT SIZE: 1 - 4 MM; CONNECTION LOCATION: WATERPLANT - FLOW CONTROL; SUPPL P/N: 70-0201-113R4-536/L; WATER PLANT SUPPLY PUMPS JAGERSRUST - FLOW CONTROL (MOTORIZED VALVE)
0728329	MOTOR ELEC:3 KW;1400 RPM;100M;6.5 A;400	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1400 RPM; FRAME: 100M; CURRENT: 6.5 A; POTENTIAL: 400 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 20; CONNECTION LOCATION: SIDE; POLES: 4; INSULATION CLASS: F; PHASE: 3; DIRECTION: CLOCKWISE; SUPPL P/N: 71.7173630901.0001
0772073	MOTOR ELEC:0.25 KW;2750 RPM;B01379;0.7 A	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 2750 RPM; FRAME: B01379; CURRENT: 0.7 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP65; SHAFT SIZE: 11 MM; CONNECTION LOCATION: TAILRACE GATE MOTOR; TAILRACE GATE MOTOR - BRAKE MOTOR
0252085	MOTOR ELEC:30 KW;2950 RPM;200L;53 A;400	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 2950 RPM; FRAME: 200L; CURRENT: 53 A; POTENTIAL: 400 VAC; MOUNTING: B3 FOOT; ENCLOSURE RATING: IP65; SHAFT SIZE: 55 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; DIRECTION: ANTI CLOCKWISE; TYPE: INDUCTION; 50 HZ; COS 0 = 0.89, SPACE HEATER ELECTRIC RATING 230 VAC, FOR USE ON COOLING PLANT MRP
0772337	MOTOR ELEC:4 KW;960 RPM;112 M/ P132;9.2	MOTOR, ELECTRIC: POWER: 4 KW; SPEED: 960 RPM; FRAME: 112 M/ P132; CURRENT: 9.2 A; POTENTIAL: 380 V;

		MOUNTING: DUCT; ENCLOSURE RATING: IP65; SHAFT SIZE: 28 MM; CONNECTION LOCATION: LIFT SHAFT FAN; SUPPL P/N: J18595; LIFT SHAFT FAN
0238904	MOTOR ELEC:0.16 KW;2800 RPM;SD50/SK5C;10	MOTOR, ELECTRIC: POWER: 0.16 KW; SPEED: 2800 RPM; FRAME: SD50/SK5C; CURRENT: 0.6 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP67; SHAFT SIZE: 10 MM; CONNECTION LOCATION: MBV-BASE PIPING; CLASSIFICATION: IP67; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CAST IRON; SERVICE FACTOR: S2-15 MIN; TYPE: VALVE ACTUATOR; SUPPL P/N: 2024.212; REFERENCE NO: 2024.212; 3507NM73093; HORSEPOWER, USED ON GAS 1 PLANT
0772033	MOTOR ELEC:7 KW;920 RPM;160;21 TO 24.5 A	MOTOR, ELECTRIC: POWER: 7 KW; SPEED: 920 RPM; FRAME: 160; CURRENT: 21 TO 24.5 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 42 MM; CONNECTION LOCATION: MACHINE HALL CRANE FAN; MACHINE HALL CRANE DRIVE- ACROSS DRIVE
0756027	MOTOR ELEC:7.5 KW;1450 RPM;132MM;15.7 A	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1450 RPM; FRAME: 132MM; CURRENT: 15.7 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP44; SHAFT SIZE: 132 MM; CONNECTION LOCATION: BRINE PUMP
0772063	MOTOR ELEC:4 KW;1410 RPM;132;8.8 A;400 V	MOTOR, ELECTRIC: POWER: 4 KW; SPEED: 1410 RPM; FRAME: 132; CURRENT: 8.8 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 28 MM; CONNECTION LOCATION: HEADRACE COMPRESSOR MOTOR; HEADRACE COMPRESSOR MOTOR
0140789	MOTOR ELEC:FLANGE;DIA 38 X LG 100 MM	MOTOR, ELECTRIC: MOUNTING: FLANGE; SHAFT SIZE: DIA 38 X LG 100 MM; IPA 4063-4
0756053	MOTOR ELEC:1.1 KW;2900 RPM;90MM;2.4 A;24	MOTOR, ELECTRIC: POWER: 1.1 KW; SPEED: 2900 RPM; FRAME: 90MM; CURRENT: 2.4 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 24 MM; CONNECTION LOCATION: JACKING COMPRESSOR
0238835	MOTOR ELEC:3.7 KW;2100 RPM;GNRFZE112M/3	MOTOR, ELECTRIC: POWER: 3.7 KW; SPEED: 2100 RPM; FRAME: GNRFZE112M/3; CURRENT: 0.79 A; POTENTIAL: 220 VAC; MOUNTING: BASE; ENCLOSURE RATING: IP54; SHAFT SIZE: DIA 28 MM; INSULATION CLASS: H; PHASE: 1; 65 MM LG SHAFT, FLANGED CONNECTION, USED ON GAS 1 PLANT
0756050	MOTOR ELEC:75 KW;725 RPM;315S;150 A;380	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 725 RPM; FRAME: 315S; CURRENT: 150 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 85 MM; CONNECTION LOCATION: THURTS
0620796	MOTOR ELEC:45 KW;2960 RPM;225M;78 A;400	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 2960 RPM; FRAME: 225M; CURRENT: 78 A; POTENTIAL: 400 V; MOUNTING: FLANGE DE; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: EX11; POLES: 2; INSULATION CLASS: IMVI; PHASE: 3; CASING MATERIAL: CAST IRON; DIRECTION: CLOCK WISE; TYPE: INDUCTION; MANUF P/N: 1LA52232AA64-Z
0771872	MOTOR ELEC:0.25 KW;1380 RPM;80;0.7 A;380	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 1380 RPM; FRAME: 80; CURRENT: 0.7 A; POTENTIAL: 380 V; MOUNTING: FOOTING; ENCLOSURE RATING: IP55; SHAFT SIZE: 19 MM; CONNECTION LOCATION: MAIN CW STRAINER MOTOR; SUPPL P/N: SERIAL: V981737; MAIN CW STRAINER MOTOR

0756028	MOTOR ELEC:2.2 KW;925 RPM;DZ112M;5.6 A	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 925 RPM; FRAME: DZ112M; CURRENT: 5.6 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 28 MM; CONNECTION LOCATION: HEADRACE OIL
0782910	MOTOR ELEC:0.25 KW;910 RPM;71B;220-380 V	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 910 RPM; FRAME: 71B; CURRENT: 1,62 - 0.9 A; POTENTIAL: 220-380 V; MOUNTING: B3 FOOT MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 14 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 6; INSULATION CLASS: CLASS F; PHASE: 3; CASING MATERIAL: ALUMINIUM OR CAST IRON; TEMPERATURE CLASS: -20 to 40 DEG; DIRECTION: CCW; TYPE: INDUCTION MOTOR; TYPE DPIN 71B-6. GREASE PUMP/MOTOR.
0721330	MOTOR ELEC:30 KW;2960 RPM;3~ MOT;54 A;1	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 2960 RPM; FRAME: 3~ MOT; CURRENT: 54 A; POTENTIAL: 220 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 1; CONNECTION LOCATION: TOP; SPECIFICATION: 3~MOT; TYPE: IEC/EN60034; SUPPL P/N: 01372248; DE - 6212-ZC3; NE - 6212-ZC3; IP55; IE2; 215KG; - 20<=TAMB<=40
0728169	MOTOR ELEC:4 KW;1460 RPM;112M;8.5 A;400	MOTOR, ELECTRIC: POWER: 4 KW; SPEED: 1460 RPM; FRAME: 112M; CURRENT: 8.5 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 22 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; PHASE: 3; CASING MATERIAL: CAST IRON; DIRECTION: CLOCKWISE; TYPE: KTE 2W
0179015	MOTOR ELEC:45 KW;1465 RPM;D225M;89 A;380	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 1465 RPM; FRAME: D225M; CURRENT: 89 A; POTENTIAL: 380 VAC; MOUNTING: B3 FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 60 X LG 140 MM; INSULATION CLASS: F; PHASE: 3; REFERENCE NO: D225M; CONNECTION DELTA; 50 HZ
0239819	MOTOR ELEC:11 KW;2940 RPM;160M;20 A;IP65	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2940 RPM; FRAME: 160M; CURRENT: 20 A; MOUNTING: FLANGE; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 42 MM; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 0.88; SUPPL P/N: 1LA71632AA61-Z; 120 MM LG SHAFT, DELTA CONNECTION
0728800	MOTOR ELEC:22 KW;1456 RPM;41.7 A;400 V;4	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 1456 RPM; FRAME: CAST IRON 180L; CURRENT: 41.7 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 50 MM; CONNECTION LOCATION: TOP VIEW; POLES: 4; PHASE: 3; DIRECTION: CLOCKWISE; SUPPL P/N: 320080YB002; FOOT MOUNTED MOTOR, 3 PHASE, EPB DIESEL GENERATOR RADIATOR FAN MOTOR; 22 KW, 50 HZ, 1456 RPM; 41.7 A, IP 55 IK08, 112 KG; DE:6310 ZZC3, NDE:6210 ZZCE
0756033	MOTOR ELEC:30 KW;2965 RPM;200MM;52 A;400	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 2965 RPM; FRAME: 200MM; CURRENT: 52 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP66; SHAFT SIZE: 55 MM; CONNECTION LOCATION: MTR
0665013	MOTOR ELEC:3 KW;2800 RPM;AL;7.6 A;400 V	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 2800 RPM; FRAME: ALUMINIUM; CURRENT: 7.6 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP67; SHAFT SIZE: 33 MM; CONNECTION LOCATION: INTERNAL CONNECTOR; CLASSIFICATION: ATEX-T3; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: S4-S5-25 PCT ED; TEMPERATURE CLASS: 1K-155; SUPPL P/N: Z041.491; ARTICLE NO: Z041.491; TYPE DESIGNATION: ADOB 90-

		2/85; TYPE OF CURRENT: 3 PH-AC; 400 V; 50 HZ; 3 KW, PF0.83; 38 A (STARTING CURRENT)
0771855	MOTOR ELEC:55 KW;980 RPM;280;108 A;380 V	MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 980 RPM; FRAME: 280; CURRENT: 108 A; POTENTIAL: 380 V; MOUNTING: B3; ENCLOSURE RATING: IP54; SHAFT SIZE: 80 MM; CONNECTION LOCATION: COMMON SERVICE MOTOR; SUPPL P/N: SERIAL: K47308; COMMON SERVICE MOTOR
0772079	MOTOR ELEC:0.75 KW;2850 RPM;1.83 A;380 V	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 2850 RPM; FRAME: 2489226301006; CURRENT: 1.83 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP44; SHAFT SIZE: 19 MM; CONNECTION LOCATION: MACHINE HALL CRANE FAN; MACHINE HALL CRANE FAN
0782396	MOTOR ELEC:45 KW;2960 RPM;225S/M-2;78 A	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 2960 RPM; FRAME: 225S/M-2; CURRENT: 78 A; POTENTIAL: 400 V; MOUNTING: B3 MOUNT FOOTED; ENCLOSURE RATING: IP55; SHAFT SIZE: OD 60; EXTENSION LG 110 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 2; INSULATION CLASS: CLASS F; PHASE: 3; CASING MATERIAL: CAST IRON; SERVICE FACTOR: 1; TEMPERATURE CLASS: CLASS B DEG C; DIRECTION: BI-DIRECTION; TYPE: THREE-PHASE INDUCTION MOTOR; MANUF P/N: Y3 225S/M-2; MOTOR, ELECTRIC (088104): 45 KILOWATT, 2960REVOLUTIONS PER MINUTE, 225S/M-2, 78AMPERE, 400VOLT, B3 MOUNT FOOTED, IP55, OD 60; EXTENSION LG 110MILLIMETER, TERMINAL BOX CONNECTION, 2, CLASS F, 3, CAST IRON, 1, CLASS BDEGREE CENTIGRADE, BI- DIRECTION, THREE-PHASE INDUCTION MOTOR
0772336	MOTOR ELEC:220 KW;590 RPM;355 LL;466 A	MOTOR, ELECTRIC: POWER: 220 KW; SPEED: 590 RPM; FRAME: 355 LL; CURRENT: 466 A; POTENTIAL: 380 V; MOUNTING: FOOTING; ENCLOSURE RATING: IP56; SHAFT SIZE: 35-55 MM; CONNECTION LOCATION: BLOWDOWN COMPRESSOR; SUPPL P/N: SERIAL: 7910130; BLOWDOWN COMPRESSOR MOTOR
0756052	MOTOR ELEC:0.18 KW;1340 RPM;MS632-4;0.75	MOTOR, ELECTRIC: POWER: 0.18 KW; SPEED: 1340 RPM; FRAME: MS632-4; CURRENT: 0.75 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 11 MM; CONNECTION LOCATION: GRREASE PUMP
0782353	MOTOR ELEC:35 KW;1470 RPM;225S;68 A;380	MOTOR, ELECTRIC: POWER: 35 KW; SPEED: 1470 RPM; FRAME: 225S; CURRENT: 68 A; POTENTIAL: 380 V; MOUNTING: VERTICAL, FLANGE SHAFT DOWN (IM V1); ENCLOSURE RATING: IP54; SHAFT SIZE: 60 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; CLASSIFICATION: IEC 60034-1; POLES: 4; INSULATION CLASS: F; PHASE: THREE PHASE; CASING MATERIAL: CAST IRON; SERVICE FACTOR: 1.0; TEMPERATURE CLASS: 115 DEG C; DIRECTION: CLOCKWISE; SPECIFICATION: 1LA6- IEC; TYPE: THREE PHASE SQUIRREL CAGE INDUCTION MOTOR; MANUF P/N: 1LA6 220-4AA94Z 225S; MOTOR ELECTRIC; POWER: 35KW; MOUNTING: VERTICAL,FLANGE
0772117	MOTOR ELEC:1.5 KW;1460 RPM;DZ100KAS;38 A	MOTOR, ELECTRIC: POWER: 1.5 KW; SPEED: 1460 RPM; FRAME: DZ100KAS; CURRENT: 38 A; POTENTIAL: 380 V; MOUNTING: FLANGE MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 28 MM; CONNECTION LOCATION: KILBURN COMPRESSOR MOTOR; KILBURN COMPRESSOR MOTOR
0239788	MOTOR ELEC:15 KW;585 RPM;19.6 A;400-690	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 585 RPM; FRAME: 16BA223-3ZZ99-Z 225M; CURRENT: 19.6 A;

		POTENTIAL: 400-690 V; MOUNTING: B3 FOOT; ENCLOSURE RATING: IP67; SHAFT SIZE: 60 MM; CONNECTION LOCATION: TERMINAL BOX; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 0.72; 140 MM LG SHAFT, STAR CONNECTION. THE MOTOR HAS A 230 V HEATER. SUPPLY CABLE IS FROM THE NON-DRIVE END SIDE. THE TERMINAL BOX IS ON THE OPPOSITE SIDE OF THE FOOT MOUNTING OF THE MOTOR
0772348	MOTOR ELEC:5.5 KW;1455 RPM;IMB 35;11 A	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1455 RPM; FRAME: IMB 35; CURRENT: 11 A; POTENTIAL: 400 V; MOUNTING: FLANGE MOUNT; ENCLOSURE RATING: IP55; SHAFT SIZE: 40 MM; CONNECTION LOCATION: STORES / STM SEWERAGE PLANT; EARRATOR MOTOR, SEWERAGE PLANT, FLANGE MOUNT BEARINGS BOTH 6308
0772128	MOTOR ELEC:0.2 TO 0.8 KW;590 TO 2520;380	MOTOR, ELECTRIC: POWER: 0.2 TO 0.8 KW; SPEED: 590 TO 2520 L/MIN; FRAME: TYP KBF 90LA 8/2; CURRENT: 1.5 TO 2.5 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP54; SHAFT SIZE: 24 MM; CONNECTION LOCATION: SPHERICAL VALVE CRANE HOIST; SPHERICAL VALVE CRANE ACROSS TRAVEL
761371	MOTOR ELEC:11 KW;2940 RPM;160M;20 A;400	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2940 RPM; FRAME: 160M; CURRENT: 20 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP65; SHAFT SIZE: 42 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: ALLUMINIUM, CAST IRON; DIRECTION: ANTI CLOCKWISE; TYPE: INDUCTION
0257027	MOTOR ELEC:3.5 KW;3545 RPM;55.0-52 A;LH	MOTOR, ELECTRIC: POWER: 3.5 KW; SPEED: 3545 RPM; FRAME: ILA52062AA60/Z; CURRENT: 55.0-52 A; POTENTIAL: 440-460 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 55 X LG 110 MM; CONNECTION LOCATION: LH; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: MILD STEEL; TYPE: GENERATOR COOLING SYSTEM MPR
0775053	MOTOR ELEC:440 KW;2983 RPM;45 A;6600 V	MOTOR, ELECTRIC: POWER: 440 KW; SPEED: 2983 RPM; FRAME: 1MS4 354-2AN70-Z; CURRENT: 45 A; POTENTIAL: 6600 V; MOUNTING: B FOOT; ENCLOSURE RATING: IP 55; SHAFT SIZE: 90 MM; CONNECTION LOCATION: 3 PHASE
0772051	MOTOR ELEC:4 KW;1425 RPM;DZ112M;8.8 A;28	MOTOR, ELECTRIC: POWER: 4 KW; SPEED: 1425 RPM; FRAME: DZ112M; CURRENT: 8.8 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 28 MM; CONNECTION LOCATION: CONTROL BLOCK SUPPLY FAN; CONTROL BLOCK SUPPLY FAN
0716874	MOTOR ELEC:30 KW;1475 RPM;200L;52.7 A;55	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1475 RPM; FRAME: 200L; CURRENT: 52.7 A; POTENTIAL: 400 V; MOUNTING: B3 FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: TERMINAL BOX TOP; POLES: 4 POLES; PHASE: 3; MOTOR IS FITTED WITH A 230 V HEATER AND MAUFACTURED BY MOTORELLI
0772347	MOTOR ELEC:0.37 KW;24 R/S;480 M 11;1.2 A	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 24 R/S; FRAME: 480 M 11; CURRENT: 1.2 A; POTENTIAL: 380 V; MOUNTING: DUCTING; ENCLOSURE RATING: IP55; SHAFT SIZE: 2.4 MM; CONNECTION LOCATION: DRAINAGE; EACH UNIT HAS TWO DUCT MOUNTED FANS, DRAINAGE SUPPLY FAN, DUCT MOUNTED
0242378	MOTOR ELEC:132 KW;2978 RPM;1L315;218 A;F	MOTOR, ELECTRIC: POWER: 132 KW; SPEED: 2978 RPM; FRAME: 1L315; CURRENT: 218 A; POTENTIAL: 400-690 V; MOUNTING: BASE; ENCLOSURE RATING: IP55; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: STL; SERVICE FACTOR: 0.92; SPECIFICATION: IEC 60034/60072;

		SABS 1804-1/2; TYPE: STAR INDUCTION; REFERENCE NO: 8201; WEIGHT 1130 KG, DE AND NDE BEARINGS 6316C3
0783233	MOTOR ELEC:0.37 KW;650 RPM;56S;3.7 A;230	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 650 RPM; FRAME: 56S; CURRENT: 3.7 A; POTENTIAL: 230 V; MOUNTING: B3; ENCLOSURE RATING: IP55; SHAFT SIZE: 15.88 MM; CONNECTION LOCATION: TERMINAL BOX CONNECTION; POLES: 8 POLES; INSULATION CLASS: CLASS F; PHASE: SINGLE; CASING MATERIAL: CAST ALUMINIUM; SERVICE FACTOR: 1; TEMPERATURE CLASS: CLASS B DEG C; DIRECTION: BI-DIRECTION; TYPE: AC INDUCTION; MANUF P/N: 56S P56SSX 109; MOTOR, ELECTRIC (088104): POWER:0.37 KILOWATT, SPEED:650REVOLUTIONS PER MINUTE, 56S, 3.7AMPERE, 230VOLT, B3, IP55, DIA 15,88MILLIMETER, TERMINAL BOX CONNECTION, 8 POLES, CLASS F, SINGLE, CAST ALUMINIUM, 1, CLASS BDEGREE CENTIGRADE, BI-DIRECTION, AC INDUCTION
0756037	MOTOR ELEC:0.06 KW;1380 RPM;56MM;0.24 A	MOTOR, ELECTRIC: POWER: 0.06 KW; SPEED: 1380 RPM; FRAME: 56MM; CURRENT: 0.24 A; POTENTIAL: 380 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: 9 MM; CONNECTION LOCATION: SHAFT STRAINER
0140499	MOTOR ELEC:11 KW;970 RPM;160L;23 A;380;6	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 970 RPM; FRAME: 160L; CURRENT: 23 A; POTENTIAL: 380 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP44; POLES: 6; INSULATION CLASS: B; PHASE: 3; SUPPL P/N: A7180209Y1; DRAWING NO: M096-8417628/23P2 REV 1; REFERENCE NO: MLA3167A; 11KV, OIL PUMP SET FOR MAGNETIC SET BEARING, 50HZ, SHAFT ENCLOSED
0720833	MOTOR ELEC:5.5 KW;2930 RPM;0;11.2 A;415	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 2930 RPM; FRAME: 0; CURRENT: 11.2 A; POTENTIAL: 415 V; MOUNTING: FLANGE VERTICAL; ENCLOSURE RATING: 3P; SHAFT SIZE: 1 M; CONNECTION LOCATION: SFC UNIT; POLES: 3; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: 90 DEG C; SPECIFICATION: IEC60034; TYPE: 38FF265D1; SUPPL P/N: MG132SC2-38FF265D1; SFC UNIT MOTOR; 50 HZ; 90 PCT EFF
0772034	MOTOR ELEC:90 W;1200 RPM;GX12;0.33 A;230	MOTOR, ELECTRIC: POWER: 90 W; SPEED: 1200 RPM; FRAME: GX12; CURRENT: 0.33 A; POTENTIAL: 230 V; MOUNTING: WALL MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 6 MM; CONNECTION LOCATION: MMD EXTRACTION FAN; MMD EXTRACTOR FAN
0239817	MOTOR ELEC:22 KW;1465 RPM;180L;41.5 A;F	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 1465 RPM; FRAME: 180L; CURRENT: 41.5 A; MOUNTING: BASE; ENCLOSURE RATING: IP67; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 0.84; SUPPL P/N: 1LG41861AA66-Z; DELTA CONNECTION
0671896	MOTOR ELEC:3 KW;2800 RPM;90-IM B9;7.6 A	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 2800 RPM; FRAME: 90-IM B9; CURRENT: 7.6 A; POTENTIAL: 400 VAC; MOUNTING: FLANGE; ENCLOSURE RATING: IP67; SHAFT SIZE: DIA 25 MM; CONNECTION LOCATION: PLUG-SOCKET DE; CLASSIFICATION: NON HAZARDOUS; POLES: 3; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: ALUMINIUM; TEMPERATURE CLASS: 140 DEG C; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: ACTUATOR; SUPPL P/N: ADOB 90-2/85; POWER FACTOR: 0.83.S4-S5-25ED 200C/H, THERM PROTECTED, PTC; PART OF THE AUMA IGV ACTUATOR
0781134	MOTOR ELEC:41.4 KW;1475 RPM;225M;75 A;60	MOTOR, ELECTRIC: POWER: 41.4 KW; SPEED: 1475 RPM; FRAME: 225M; CURRENT: 75 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT

		SIZE: 60 MM; CONNECTION LOCATION: TERMINAL BOX; POLES: 4; PHASE: 3
0684712	MOTOR ELEC:15 KW;2934 RPM;1L160 M/2-2;2	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 2934 RPM; FRAME: 1L160 M/2-2; CURRENT: 26.5 A; POTENTIAL: 400 VAC; MOUNTING: B3 FOOT; ENCLOSURE RATING: IP 55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TERMINAL BOX; CLASSIFICATION: EX ZONE2; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CAST IRON; TEMPERATURE CLASS: S1; SPECIFICATION: ISO
0672609	MOTOR:INDUCTION;400VAC 3 PH 7.5 KW	MOTOR: TYPE: INDUCTION; RATING: 400VAC 3 PH 7.5 KW; SPECIFICATION: ISO 9001, 1400 TUV; REFERENCE NO: UD0601/240313-001-19
0772067	MOTOR ELEC:0.37 KW;2750 RPM;B22280;1.2 A	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 2750 RPM; FRAME: B22280; CURRENT: 1.2 A; POTENTIAL: 380 V; MOUNTING: FLANGE MOUNTED; ENCLOSURE RATING: IP55; SHAFT SIZE: 19 MM; CONNECTION LOCATION: PART OF GOLIATH CRANE DRIVE; PART OF GOLIATH CRANE DRIVE - BRAKE MOTOR
0239711	PROTECTOR OVRLD:1.1-1.6 A;3;600 V;MOTOR	PROTECTOR, OVERLOAD: CURRENT: 1.1-1.6 A; POLE: 3; POTENTIAL: 600 V; TYPE: MOTOR; SUPPL P/N: 3RV1421-1AA0; INTERRUPT CAPACITY: 30 KA
0772127	MOTOR ELEC:0.4 KW;1290 RPM;XX2104889;1.3	MOTOR, ELECTRIC: POWER: 0.4 KW; SPEED: 1290 RPM; FRAME: XX2104889; CURRENT: 1.3 A; POTENTIAL: 380 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 14 MM; CONNECTION LOCATION: TRANSFORMER HALL CRANE ACROSS TRAVEL; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; TRANSFORMER HALL CRANE ACROSS TRAVEL
0721446	MOTOR ELEC:30 KW;1470 RPM;200L;53.9 A;1	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1470 RPM; FRAME: 200L; CURRENT: 53.9 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 1; CONNECTION LOCATION: AIR HANDLING UNIT; SPECIFICATION: IE60034-1; TYPE: ACM 200L-4/HF; SUPPL P/N: ACM 200L-4/HF; 92.3 PCT; 250 KG
0140498	MOTOR ELEC:3.7 KW;960 RPM;132S;8.3 A;380	MOTOR, ELECTRIC: POWER: 3.7 KW; SPEED: 960 RPM; FRAME: 132S; CURRENT: 8.3 A; POTENTIAL: 380 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP44; SHAFT SIZE: DIA 38 X LG 90 MM; INSULATION CLASS: B; PHASE: 3; 50 HZ
0727274	MOTOR ELEC:7.5 KW;1460 RPM;132M;FLANGE;4	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1460 RPM; FRAME: 132M; CURRENT: 14.2/8.21 A; POTENTIAL: 400 / 690 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: SIDE; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CAST IRON; SERVICE FACTOR: 1.00; TEMPERATURE CLASS: -20 TO +40 DEG C; DIRECTION: CLOCKWISE AND ANTI-CLOCKWISE
0772346	MOTOR ELEC:0.75 KW;24 R/S;610M16;2.15 A	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 24 R/S; FRAME: 610M16; CURRENT: 2.15 A; POTENTIAL: 380 V; MOUNTING: DUCTING; ENCLOSURE RATING: IP65; SHAFT SIZE: 2.4 MM; CONNECTION LOCATION: CHILLER EXTRACTION; EXTRACTION FAN, DUCT MOUNTED
0782394	MOTOR ELEC:7.5 KW;2850 RPM;132S;14 A;B3	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 2850 RPM; FRAME: 132S; CURRENT: 14 A; POTENTIAL: 400/690 V; MOUNTING: B3; ENCLOSURE RATING: IP55; SHAFT SIZE: OD 38; LG 80 MM; CONNECTION LOCATION: TERMINAL; POLES: 2 POLE; INSULATION CLASS: CLASS F; PHASE: 3 PHASE; CASING MATERIAL: ALUMINIUM OR CAST IRON; SERVICE FACTOR: 1.0; DIRECTION: BI- DIRECTIONAL;

		MANUF P/N: MEC132S2-2; MOTOR, ELECTRIC): 7,5KILOWATT, 2850REVOLUTIONS PER MINUTE, 132S, 14AMPERE, 400/690VOLT, B3, IP55, OD 38; LG 80MILLIMETER, TERMINAL, 2 POLE, CLASS F, 3 PHASE, ALUMINIUM OR CAST IRON, 1.0, BI- DIRECTIONAL
0257028	MOTOR ELEC:15 KW;585 RPM;16BA2233Z299/Z	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 585 RPM; FRAME: 16BA2233Z299/Z; CURRENT: 34 A; POTENTIAL: 400 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 58 X LG 140 MM; CONNECTION LOCATION: REAR SIDE NDE; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: STEEL; TYPE: FIN FAN COOLING
0674203	MOTOR ELEC:15 KW;2940 RPM;160 M;27 A;400	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 2940 RPM; FRAME: 160 M; CURRENT: 27 A; POTENTIAL: 400 V; MOUNTING: IMV1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: HAZARDOUS EXDE 11BT4; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CAST IRON; SERVICE FACTOR: S1; TEMPERATURE CLASS: B; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: SQUIRREL CAGE INDUCTION; MOTOR TO BE SUPPLIED WITH IA CERTIFICATE

2.1 Product conformity and quality standards

The *Goods* shall be standard commercial products manufactured in accordance with applicable industry standards and shall comply with the applicable SANS/ IEC/ SABS/ Eskom specifications, safety data sheet requirements, and all applicable regulatory requirements.

2.1.1 X17 – Low Performance Damages (Performance Quality of Motors)

1. The *Supplier* pays low performance damages where the *Goods* supplied do not meet the performance quality requirements stated in the *Scope of Work*, *Goods Information* and *Contract Data*.
2. Low performance damages apply separately to each motor per Purchase Order (PO) and do not limit Eskom's right to claim actual loss under clause 83.
3. The Supplier to bear all transport/logistics costs for replacements.

Low Performance Damages Table

Performance Quality Obligation	Description of Failure	Low Performance Damages
Compliance with Motor Standards	Motor does not comply with SANS/IEC/ SABS or other mandatory Eskom specifications.	R 3 000 per non-compliant motor, plus replacement of the motor at Supplier's cost.
Correct Motor Supplied	Motor delivered does not match the ordered SAP specification, including power rating, voltage, frame size, RPM, mounting, enclosure rating, or shaft dimensions.	R 2 000 per incorrect item, plus return and replacement at Supplier's cost.
Motor Quality Documentation	Missing or incorrect documentation: Certificate of Conformance, test results, inspection certificates, nameplate data, or manuals required under the Scope.	R 1 000 per missing/incorrect document (max R 5 000 per Purchase Order).
Damage-Free Motor Delivery	Motor arrives damaged due to inadequate packaging, handling, or transport. Motor cannot be accepted as per the Goods Information.	R 1 500 per damaged motor, plus replacement or repair at Supplier's cost.

Performance Verification Failure	Motor fails electrical or mechanical testing (where applicable) on arrival, including insulation resistance, no-load run tests, or other functional checks.	R 2 500 per failed motor, plus corrective action or replacement at Supplier's cost.
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3.1 Quality assurance inspection and testing

1. The *Purchaser* may, on reasonable notice, inspect the *Supplier's* manufacturing and quality control facilities and may require access to batch test results and certificates of analysis for the *Goods* before delivery.
2. Minimum checks on arrival (as applicable):
 - a. Insulation resistance,
 - b. No-load run,
 - c. Vibration,
 - d. Terminal integrity,
 - e. Rotation (where safe),
 - f. Match to ordered SAP specification (rating, voltage, frame, RPM, mounting, enclosure, shaft).
3. The Supplier attends (on request) or supports remotely, at no additional cost, and bears logistics for rectification/replacement where Goods fail acceptance checks.

4. Supply Requirements

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

Note:

1. Adhoc items are unlisted motors or directly related components that the *Purchaser* instructs in writing and that are not priced elsewhere in the Price Schedule.
2. The Price for an Adhoc item equals Defined Cost (supported by third-party invoices, freight and insurance documents, customs entries where applicable) plus the percentage fee.
3. The Supplier must seek three written quotations where reasonably practicable. If not practicable (e.g., OEM sole source, emergency), the Supplier records the reason and provides available evidence.
4. No additional margins may be embedded in sub-supplier invoices beyond the percentage fee stated.
5. The *Purchaser* may reject an Adhoc proposal that is not adequately substantiated or not aligned with the Goods Information.
6. All Adhoc deliveries are subject to the same acceptance, documentation, packaging and testing requirements as listed in C3.1.

5. Specification of the Goods

All *Goods* must comply with the relevant SANS/IEC/SABS/Eskom specifications, Eskom standards and applicable regulatory requirements.

6. Constraints on how the Supplier Provides the Goods

6.1 Programming constraints

All *Goods* shall be securely packaged for transport in accordance with applicable safety, hazardous materials and transport regulations. Any *Goods* damaged due to inadequate packaging or protection will not be accepted at the site.

6.2 Marking the Goods

THE SUPPLY AND DELIVERY OF MOTORS TO VARIOUS PEAKING POWER STATIONS ON AN "AS AND WHEN REQUIRED BASIS" FOR A PERIOD OF 5 YEARS

All packages shall be clearly marked with the relevant *Purchase Order* number and delivery address. Each package shall include a description of the *Goods*, quantity and unit of measure. The *Goods* delivered shall correspond with the Delivery Note and the applicable *Purchase Order*.

6.3 Constraints at the delivery place and the place of use

1. Unless otherwise stated in a *Purchase Order*, and subject to emergency or outage requirements, the *Goods* shall be delivered to the designated receiving stores at the relevant Peaking Power Station during the applicable delivery times notified by the *Purchaser*.
2. Delivery time: 09:00 to 15:00 (Mondays to Thursdays)
3. Delivery time: 09:00 and 11:30 (Fridays)
4. An on-time delivery of all orders is of the utmost importance.
5. Items ordered must be delivered at the Power Station main store receiving only, accompanied by a delivery note and a certificate of conformance/compliance.
6. All contractors are subject to breathalyser tests, and access will be denied if results are positive for alcohol consumption.
7. Proof of identification should always be produced on arrival.

7.1 Cooperating with Others

The *Supplier* shall ensure safe loading/offloading conditions and assist where required.

The *Supplier* must fully cooperate with the *Purchaser's* team during off-loading at the project site.

The *Supplier* always adheres to the Power Station's rules and regulations.

7.2 Management meetings

Periodic contract management meetings may be convened by the *Supply Manager* as required to review risk matters, performance and contract administration. Meetings may be held in person or virtually. Minutes shall be recorded but shall not constitute contractual instructions, which must be issued in accordance with the conditions of the contract.

7.3 Documentation control

All documentation from the *Supplier* shall be provided electronically in the format and manner notified by the *Purchaser*. Hard copies shall be provided only where expressly required. Examples of documents required include, but are not limited to:

- a) Factory test sheets
- b) FAT (where applicable) requirements
- c) Motor drawings (GA/Dimensions)
- d) Electrical diagrams (star/delta, wiring diagrams)
- e) Any other documents required by the *Employer*

7.4 Health and safety risk management

1. The *Supplier* shall comply with the Occupational Health and Safety Act 85 of 1993 requirements and all applicable procedures and standards in their recent revisions, as well as Eskom Life Saving Rules and other Eskom safety rules and requirements.
2. The *Supplier* shall comply with the health and safety requirements contained in the Purchaser's SHE Specification.
3. Below are the minimum Safety requirements to be adhered to by contractors/service providers to gain access to Eskom Power Stations:
 - a) Valid Medical fitness certificate
 - b) Clearance from SAPS or an accredited service provider linked to the SAPS AFIS system, not older than thirty (30) days
 - c) Identification document (RSA ID or equivalent)
 - d) National Driver's Licence (applicable to drivers)
 - e) Adherence to the Eskom Life-saving rules 3 Buckle up and 4, Be Sober
 - f) Applicable risk-based Personal Protective Equipment

- g) Valid letter of good standing (COIDA or equivalent). Access to the site to perform work will be denied should the Letter of Good Standing have expired.
 - h) Induction will only be conducted after all documents have been submitted and accepted by Eskom.
4. The contractor/supplier/consultant who is working alone and not eligible to register with the compensation fund shall provide Eskom with the member benefit statement of the insurance cover, which includes life and disability cover to the minimum fund of R500 000.
5. **Note:** Induction will only be done after the above documents have been submitted and accepted by Eskom.

7.5 Environmental constraints and management

The *Supplier* shall comply with all applicable environmental, health and safety legislation and with the *Purchaser's* SHE Specification, as amended from time to time.

7.6 Quality

The *Supplier* shall maintain a quality management system compliant with ISO 9001 (or equivalent) and shall comply with the *Purchaser's* quality requirements and specifications, as amended from time to time. The *Supplier* shall, where required, provide quality records demonstrating conformity of the *Goods*.

7.7 Invoicing and payment

1. Following delivery and acceptance of the *Goods* under a *Purchase Order*, the *Supplier* shall submit a tax invoice to the *Purchaser* for the amount due in respect of that *Purchase Order* in accordance with the *Price Schedule* and clause 50 of the contract.
2. The *Supplier* shall address the tax invoice to the *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) *Supplier's* VAT registration number;
 - d) The *Purchaser's* VAT registration number.
 - e) Description of *Goods* and *Services* provided for each item invoiced based on the *Price Schedule*;
 - f) Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;

Detailed tax invoice, clearly showing: Eskom Holdings SOC LTD
Electronic copy to Finance Shared Services
Megawatt Park

7.8 Insurance provided by the Purchaser

7.8.1 All other insurance

As required by clause 84, the *Supplier* shall maintain all insurance required for its risks under this contract.

7.9 Contract change management

Clause 6 Compensation events of the NEC3 Supply Contract will apply to all changes in this contract.

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

All records and quality documentation must be provided in hard copy and must be electronically emailed to the *Supply Manager and the relevant site representative*.

C3.2 *SUPPLIER'S GOODS* INFORMATION

Not applicable