



NEC3 Supply Contract (SC3)

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

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

for **SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS
FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED
BASIS AT MATLA POWER STATION**

Contents:	No of pages
Part C1 Agreements & Contract Data	[•]
Part C2 Pricing Data	[•]
Part C3 Scope of Work	[•]

CONTRACT No. [Insert at award stage]

PART C1: AGREEMENTS & CONTRACT DATA

Contents:	No of pages
C1.1 Form of Offer and Acceptance	[•]
[to be inserted from Returnable Documents at award stage]	
C1.2a Contract Data provided by the <i>Purchaser</i>	[•]
C1.2b Contract Data provided by the <i>Supplier</i>	[•]
[to be inserted from Returnable Documents at award stage]	
C1.3 Proforma Guarantees	[•]

C1.1 Form of Offer & Acceptance

Offer

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

Supply and Delivery of Bolts, Nuts and Washers for a period of five (5) years contract on as and when required basis for Matla Power Station.

The tenderer, identified in the Offer signature block, has

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

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

	The offered total of the Prices exclusive of VAT is	
	Value Added Tax @ 15% is	
	The offered total of the amount due inclusive of VAT is ¹	
	(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

Acceptance

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*.

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

The terms of the contract, are contained in:

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

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

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

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

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

Signature(s)

Name(s) _____

Capacity _____

**for the
Purchaser**

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

(Insert name and address of organisation)

Name &
signature of
witness

Date

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

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

Note:

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

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

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

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

For the tenderer:

For the Purchaser

Signature _____

Name _____

Capacity _____

On behalf of *(insert name and address of organisation)* _____

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

Name & signature of witness _____

Date _____



C1.2 SC3 Contract Data

Part one - Data provided by the *Purchaser*

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

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

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

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	W1: Dispute resolution procedure X1: Price adjustment for inflation X2: Changes in the law X7: Delay damages X17: Low Service damages Z: Additional conditions of contract
	of the NEC3 Supply Contract (April 2013) ²	(If the December 2009 edition is to be used delete April 2013 and replace by December 2013)
10.1	The <i>Purchaser</i> is (name):	Eskom Holdings SOC Ltd (reg no: 2002/015527/30), a state owned company incorporated in terms of the company laws of the Republic of South Africa
	Address	Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg
	Tel No.	[•]
	Fax No.	[•]
10.1	The <i>Supply Manager</i> is (name):	Mulatedzi Mugwena
	Address	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
	Tel	+27 17 615 2255

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

e-mail

MugwenMZ@eskom.co.za

11.2(13)	The <i>goods</i> are	Bolts, Nuts and Washers	
11.2(13)	The <i>services</i> are	Supply and Delivery of Bolts, Nuts and Washers for a period of five (5) years contract on as and when required basis for Matla Power Station	
11.2(14)	The following matters will be included in the Risk Register	Unforeseen circumstances Lead time Any matter that has cost implication outside agreed terms. Access to Site due to road closure Material preservation Unavailability of resources for offloading Industrial Action onsite	
11.2(15)	The Goods Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.	
11.2(15)	The Supply Requirements as part of the Goods Information is in	Annexure A to this Contract Data	
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa	
13.1	The <i>language of this contract</i> is	English	
13.3	The <i>period for reply</i> is	Three (3) working days after notification	
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 Contract Data.	
3	Time		
30.1	The <i>starting date</i> is.	TBC	
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	1 Supply and Delivery of Bolts, Nuts and Washers for a period of five (5) years contract on as and when required basis for Matla Power Station	As per purchase order
30.2	The <i>Supplier</i> does not bring the <i>goods</i> to the Delivery Place more than one week before the Delivery Date.	To be agreed by both parties as and when events arise	
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	1 weeks of the Contract Date.	
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	1 week.	

4 Testing and defects

42	The <i>defects date</i> is	52 weeks after Delivery or where delivery is delayed, then from date of delivery of the Supplier’s notice of readiness to deliver, whichever occurs first.”
43.2	The <i>defect correction period</i> is	“from date of receipt by the Supplier of the Purchaser’s written notification of Defect, the written notification itself being delivered no later than 7 (seven) days from the date upon which the Purchaser discovers the Defect. Supplier shall either correct the Defect within such period or where the notified Defect is not capable of correction within such period, then the Supplier shall put a plan in place indicating how the Defect will be corrected.
	except that the <i>defect correction period</i> for	The Defects provisions shall not apply to, and the Supplier shall not be liable in respect of:
	and the <i>defect correction period</i> for	5 Working Days
42.2	The <i>defects access period</i> is	“Should the Purchaser fail to notify Supplier in writing of any Defects before the Defects Date it shall be deemed that all Defects have been corrected and that no further Defects exist.”
	except that the <i>defect access period</i> for	[•] is [•]
	and the <i>defect access period</i> for	If the Supplier is not given access in order to correct a notified Defect before the defects date, then it shall be deemed that no Defect exist and Supplier shall have no further liability in respect of such Defect. Purchaser may elect to instruct a third party to correct the Defect after the defects date, but shall not be entitled to claim any costs or compensation from Supplier. Supplier shall not be liable in any way in respect of any work carried out by third parties. The Goods Information shall be treated as having been changed to accept the Defect.
5	Payment	
50.1	The <i>assessment interval</i> is	25 days after Quality Control the payment will be processed
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	30 days.
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

6	Compensation events	Refer to Clause 6 of the NEC3 SC.
7	Title	Refer to Clause 7 of the NEC3 SC.
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional <i>Purchaser's</i> risks	1. Termination of contract by supplier 2. Change in works information
88.1	The <i>Supplier's</i> liability to the <i>Purchaser</i> for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	R0.0 (zero Rand)
88.2	For any one event, the <i>Supplier's</i> liability to the <i>Purchaser</i> for loss of or damage to the <i>Purchaser's</i> property is limited to	(1) for the <i>Purchaser's</i> existing and surrounding property in the care, custody and control of the <i>Supplier</i> the amount of the deductible (first amount payable) relevant to the event and (2) for all other existing <i>Purchaser's</i> property the applicable deductible as at contract date
88.3	The <i>Supplier's</i> liability for Defects due to his design which are not notified before the last <i>defects date</i> is limited to:	Total of the Prices
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	Total of the Prices
88.5	The <i>end of liability date</i> is	One year after Delivery of the whole of the goods and services.
9	Termination and dispute resolution	
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 Johannesburg
	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	Prices are fixed and firm for the first year and CPA will kick in for subsequent years as follows		
X1.1	The <i>base date</i> for indices is	[●].		
	The proportions used to calculate the Price Adjustment Factor are:	proportion	linked to index for	Index prepared by
		15%	Non-Adjustable	
		5%	Transport	SEIFSA L1(B)
		10%	Labour	SEIFSA C-3A
		70%	Material	SEIFSA EA0 Galvanised
X2	Changes in the law	Refer to Clause X2 of the NEC3 SC		
X2.1	A change in the law of	The Republic of South Africa		
X7	Delay damages	2% per day up to a maximum of 5% per purchase order price		
X7.1	Delay damages for Delivery are	Delivery of	amount per day	
		Supply and Delivery of Bolts, Nuts and Washers for a period of five (5) years contract on as and when required basis for Matla Power Station	R100 per day	
X17	Low performance damages			

X17.1	The amounts for low performance damages are:	amount	performance level
		R [●]	for delivery of wrong specification (Material)
		R [●]	for not meeting quality standards including submission of documents
		R [●]	for [●]
		R [●]	for [●]
Z	The additional conditions of contract are	Z1 to Z15 always apply for Eskom	

Z1 Cession delegation and assignment

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

Z2 Joint ventures

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

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

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

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

Z4 Confidentiality

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

Z5 Waiver and estoppel: Add to core clause 12.3:

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

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

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

Without limitation the *Supplier*:

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

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

Supplier's direction and control, likewise observe and comply with the foregoing.

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

- Z7.1 Within one week of receiving a payment certificate from the *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice in accordance with the *Purchaser's* procedures stated in the Goods Information, showing the amount due for payment equal to that stated in the payment certificate.
- Z7.2 If the *Supplier* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Purchaser* is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice. Interest due by the *Purchaser* in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.
- Z7.3 The *Supplier* (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the *Purchaser's* VAT number 4740101508 on each invoice he submits for payment.

Z8 Notifying compensation events

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

Z9 Purchaser's limitation of liability

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

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

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

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

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

Z12 Ethics

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

Affected Party means, as the context requires, any party, irrespective of whether it is the *Supplier* or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all of these parties' relatives or friends,

Coercive Action	means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
Collusive Action	means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,
Committing Party	means, as the context requires, the <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.

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

Z13 Insurance

Z 13.1 Replace core clause 84 with the following:

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

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><i>Purchaser's</i> property</u> The replacement cost where not covered by the <i>Purchaser's</i> insurance. The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance. <u>Other property</u> The replacement cost <u>Death of or bodily injury</u> The amount required by the applicable law.
Liability for death of or bodily injury to employees of the <i>Supplier</i> arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law

Z 13.2 Replace core clause 87 with the following:

Insurance by the *Purchaser*

87

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

INSURANCE TABLE B

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

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

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

Z15 Asbestos

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

- 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.

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

Annexure A: Supply Requirements

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

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

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

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

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

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

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

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

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

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

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

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

The Supply Requirements for this contract are as follows:

[Use these when INCOTERMS do not apply].

1. The requirements for the supply are	[State the constraints on how the <i>Supplier</i> manufactures, prototypes, tests and stores the <i>goods</i> including order and timing]	
2. The requirements for transport are	[State the extent to which the <i>Supplier</i> transports the <i>goods</i> and the mode of transport]	
3. The delivery place is	[State the location where the <i>goods</i> are to be placed by the <i>Supplier</i> , such as whether it is a dispatch department at the <i>Supplier's</i> premises, the <i>Purchaser</i> is to collect or other location the <i>Purchaser</i> may require. If the delivery place for the <i>services</i> is different to the <i>goods</i> state it here]	
4. Actions of the Parties during supply	Action	Party which does it
	Giving notice of Delivery	
	Checking packing and marking before dispatch	
	Contracting for transport	
	Pay costs of transport	
	Arrange access to delivery place	
	Loading the <i>goods</i>	
	Unloading the <i>goods</i>	
For international procurement	Undertake export requirements	
	Undertake import requirements	
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	
	The Bill of Entry endorsed by the importation authority	
	Customs work sheets, showing tax, duties and surcharges which the law of the country into which the <i>goods</i> are being imported requires the importer to pay	
	Invoice from the importation clearing agent showing airline fees, landing charges, wharfage and dock dues as applicable	
	Specify other import documents required by authorised officials.	

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

C1.2 Contract Data

Part two - Data provided by the *Supplier*

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

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

Notes to a tendering supplier:

1. Please read both the NEC3 Supply Contract (SC3)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 Goods Information for the <i>Supplier's</i> design is in:													
11.2(11)	The tendered total of the Prices is	R , (in words)												
11.2(12)	The <i>price schedule</i> is in:													
11.2(14)	The following matters will be included in the Risk Register													
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are													
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<table border="1"> <thead> <tr> <th></th> <th><i>goods and services</i></th> <th><i>delivery date</i></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[•]</td> <td>[•]</td> </tr> <tr> <td>2</td> <td>[•]</td> <td>[•]</td> </tr> <tr> <td>3</td> <td>[•]</td> <td>[•]</td> </tr> </tbody> </table>		<i>goods and services</i>	<i>delivery date</i>	1	[•]	[•]	2	[•]	[•]	3	[•]	[•]
	<i>goods and services</i>	<i>delivery date</i>												
1	[•]	[•]												
2	[•]	[•]												
3	[•]	[•]												
31.1	The programme identified in the Contract Data is contained in:													

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

C2.1 Pricing assumptions

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

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

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

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

Function of the Price Schedule

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

Preparing the *price schedule*

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

It will be assumed that the tendering supplier has

- Read Pages 8, 11, 12 and Appendix 5 of the SC3 Guidance Notes before preparing the *price schedule*;
- Included in his Prices and rates for correction of Defects (core clause 43.1) as there is no compensation event for this unless the Defect is due to a *Supplier's* risk;
- Spread the cost of doing work he chooses not to list as separate items in the *price schedule* across other Prices and rates in order to fulfil the obligation to Provide the Goods and Services for the tendered total of the Prices;
- Understood that there is no adjustment to lump sum prices in the *price schedule* if the amount, or quantity, of work within that lump sum item later turns out to be different to that which the *Supplier* estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event per clause 60.1;

- Understood that the *Supplier* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event.

Format of the *price schedule*

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

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

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

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

C2.2 the *price schedule*

Item nr	Description	Unit	Quantity	Rate	Price
0001092	BOLT, MACHINE: DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931; TYPE: ANCHOR; SUPPL P/N: M16; DOUBLE HEAT TREATED; COARSE THREAD; MEDIUM FIT; EFP BALANCE LINE ROUND FLANGE; LAC; APOOL	EA	1 200		
0036865	BOLT: TYPE: WEAR PLATE; DIAMETER: M20; LENGTH: 92 MM; HEAD: CSK KEYED; MATERIAL: EN9; COUNTERSUNK KEYED HEAD WITH ANTI-ROTATION PIN, MATERIAL HIGH ENSILE H10-G IN ACCORDANCE TO ESKOM DRAWING NUMBER:0.47 /53755 REV0, DRAWING AVAILABLE FROM MATLA POWER STATION	EA	24 000		
0036866	BOLT: TYPE: WEAR PLATE; DIAMETER: M20; LENGTH: 150 MM; HEAD: CSK KEYED; MATERIAL: EN9; COUNTERSUNK KEYED HEAD WITH ANTI-ROTATION PIN, MATERIAL HIGH TENSILE H10-G, IN ACCORDANCE TO ESKOM DRAWING NUMBER: 0.47/53754 REV 0, DRAWING AVAILABLE FROM MATLA POWER STATION	EA	24 000		
0039161	BOLT, MACHINE: DIAMETER: 7/8 IN; LENGTH: 5 IN; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: 9BSW; TYPE: ASH CRUSHER; MANUF P/N: 45074EAA1039EAEA; APPLICATION: TO JOIN SEGMENTS TO DRUM; ITEM 36; SPARGO BIN NO 416026; NYLOCK NUT PER BOLT; SQUARE WASHER MUST BE WELDED ON THE BOLT; ARNOT SOLE SOURCE APPROVED: WEIR MINERALS VENDOR NO: 11007742 AND WILL EXPIRE ON: 2019/02/20	EA	120		
0048824	BOLT, ASSEMBLY: TYPE: COUPLING; NOMINAL DIAMETER: M20; LENGTH: 98 MM; HEAD: HEX; MATERIAL: GR 8.8; THREAD LENGTH: 30 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: NYLOCK; NUT GRADE: 8.8; SPECIAL FEATURES: MACHINED BOLT; DRAWING NO: 0.47/57444 REV 0; USED ON THE INDUCED DRAUGHT FAN	EA	240		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

	COMPLETE; COMPLETE WITH NYLOC NUTS, TO BE MACHINED IN ACCORDANCE TO ESKOM DRAWING AVAILABEL FROM MATLA POWER STATION; MATERIAL CERTIFICATE REQUIRED ON DELIVERY				
0080733	SCREW, CAP: DIAMETER: M6; LENGTH: 50 MM; THREAD: 1 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: SABS 136-TABLE 1	EA	240		
0080742	SCREW, CAP: DIAMETER: M12; LENGTH: 25 MM; THREAD: 1.75 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	60		
0080921	SCREW, MACHINE: DIAMETER: M5; LENGTH: 40 MM; THREAD: 0.8 MM; HEAD: HEX; MATERIAL: MS; GRADE: 4.6	EA	24		
0081445	SCREW, MACHINE: DIAMETER: M16; LENGTH: 110 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	180		
0081513	SCREW, MACHINE: DIAMETER: M8; LENGTH: 25 MM; THREAD: 1.25 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	300		
0081522	SCREW, MACHINE: DIAMETER: M22; LENGTH: 45 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: HTS	EA	6 000		
0082140	SCREW, CAP: DIAMETER: M16; LENGTH: 50 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: SABS 136-TABLE 1; REFERENCE NO: 2115-5305	EA	7 200		
0082141	SCREW, MACHINE: DIAMETER: M27; LENGTH: 65 MM; THREAD: 3 MM; HEAD: HEX; MATERIAL: HTS	EA	7 200		
0082856	SCREW, MACHINE: DIAMETER: 19 MM; LENGTH: 300 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: STAINLESS STEEL; TAKE-UP CLEAN-OUT CONVEYOR	EA	36		
0082858	SCREW, MACHINE: DIAMETER: M10; LENGTH: 25 MM; THREAD: 1.5 MM; HEAD: HEX; MATERIAL: HTS	EA	120		
0082860	SCREW, CAP: DIAMETER: M12; LENGTH: 100 MM; THREAD: 1.75 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: SABS 136; COARSE THREAD; MEDIUM FIT; ISO METRIC FULL THREAD TO THE LATEST EDITION OF SABS 136	EA	3 600		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

0082861	SCREW, CAP: DIAMETER: M16; LENGTH: 100 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: SABS 136-1985 TABLE 1; 800MPA TENSILE STRENGTH; COARSE THREAD; MEDIUM FIT; ISO METRIC FULL THREAD	EA	3 600		
0082862	SCREW, SET: NOMINAL THREAD DIAMETER: 23.82 MM; THREAD: 2.5 MM; THREAD LENGTH: 95 MM; HEAD STYLE: HEX; MATERIAL: HTS; SPECIFICATION: SABS136-1985 TABLE 1; 800MPA TENSILE STRENGTH; COARSE THREAD; MEDIUM FIT; ISO METRIC FULL THREAD	EA	240		
0082863	SCREW, MACHINE: DIAMETER: M24; LENGTH: 100 MM; THREAD: 3 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: ISO 1700-4017	EA	2 400		
0082865	SCREW, CAP: DIAMETER: M8; LENGTH: 100 MM; THREAD: 1.25 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; 12.9	EA	12		
0082893	SCREW, MACHINE: DIAMETER: M2.5; LENGTH: 20 MM; THREAD: 0.45 MM; HEAD: CHEESE; MATERIAL: STL	EA	120		
0082942	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 40 MM; HEAD STYLE: HEX; MATERIAL: HTS; WITH CAP NUT	EA	300		
0082944	SCREW, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 45 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; WITH CAP NUT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3 600		
0082945	SCREW, MACHINE: DIAMETER: M16; LENGTH: 30 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; WITH CAP NUT	EA	720		
0082969	SCREW, MACHINE: DIAMETER: M12; LENGTH: 140 MM; THREAD: 1.75 MM; HEAD: HEX; MATERIAL: MS; SPECIFICATION: BLK	EA	60		
0082979	SCREW, MACHINE: DIAMETER: M10; LENGTH: 25 MM; THREAD: 1.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	120		
0082982	SCREW, MACHINE: DIAMETER: M12; LENGTH: 25 MM; THREAD: 1.75 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	60		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

0082983	SCREW, MACHINE: DIAMETER: M12; LENGTH: 40 MM; THREAD: 1.75 MM; HEAD: CSK FLAT SLOTTED; MATERIAL: STL	EA	12		
0082985	SCREW, MACHINE: DIAMETER: M16; LENGTH: 50 MM; THREAD: 2 MM; HEAD: CSK SLOTTED; MATERIAL: STL; END DETAIL DESCRIPTION	EA	12 000		
0082986	SCREW, MACHINE: DIAMETER: M16; LENGTH: 75 MM; THREAD: 2 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	384		
0083207	SCREW, CAP: DIAMETER: M20; LENGTH: 50 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	24		
0083563	BOLT, MACHINE: DIAMETER: M10; LENGTH: 15 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	144		
0083574	BOLT, MACHINE: DIAMETER: M10; LENGTH: 30 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	8 400		
0083583	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT, ISOMETRIC; SPECIFICATION: SABS135	KG	3000		
0083584	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; SPECIFICATION: SABS 135	KG	4000		
0083585	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	2 000		
0083588	BOLT, ASSEMBLY: TYPE: GENERAL	KG	2 800		

	PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; SPECIFICATION: SABS 135				
0083591	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 30 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	200		
0083593	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 20 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 20 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75		
0083594	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; PROTECTIVE COATING: BLACK; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135: 1985	KG	25		
0083597	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 140 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75		
0083598	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 45 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	2 050		
0083599	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 50 MM; HEAD: HEX; GRADE:	KG	2 400		

	4.6; MATERIAL: MS; THREAD LENGTH: 33 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135				
0083600	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 55 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	375		
0083601	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	725		
0083602	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75		
0083624	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 22 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	150		
0083625	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 30 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 27 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75		
0083627	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 90 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; ISO METRIC THREAD, COARSE THREAD FREE FIT, TO THE LATEST EDITION OF SABS135 AND BEARING THE SABS MARK OF APPROVAL; SPECIFICATION: SABS135	KG	7 200		
0083651	BOLT, MACHINE: DIAMETER: M6;	EA	360		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

	LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: SABS 136; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT				
0083654	BOLT, MACHINE: DIAMETER: M8; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	300		
0083655	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 50 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	240		
0083656	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; SPECIFICATION: DIN 931	EA	120		
0083657	BOLT, ASSEMBLY: NOMINAL DIAMETER: M8; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	5		
0083658	BOLT, MACHINE: DIAMETER: M10; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; TYPE: HEX	EA	1 320		
0083659	BOLT, MACHINE: DIAMETER: M10; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; THREAD LENGTH: 48 MM; SPECIFICATION: DIN 931; PROTECTIVE COATING: BLACK	EA	480		
0083660	BOLT, MACHINE: DIAMETER: M10; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931	EA	12		
0083661	BOLT, MACHINE: DIAMETER: M10; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; THREAD LENGTH: 30 MM; SPECIFICATION: SABS 136; PROTECTIVE COATING: BLACK	EA	240		
0083662	BOLT, MACHINE: DIAMETER: M12; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; THREAD LENGTH: 30 MM; SPECIFICATION: DIN 931; PROTECTIVE	EA	1 560		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

	COATING: BLACK; WITHOUT NUT				
0083663	BOLT, MACHINE: DIAMETER: M12; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED , METRIC COARSE THREAD, MEDIUM FIT	EA	480		
0083664	BOLT, MACHINE: DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; THREAD LENGTH: 30 MM; SPECIFICATION: DIN 931; PROTECTIVE COATING: BLACK; TYPE: DIAPHRAGM SUSPENSION; OEM P/N: 3940-056, OEM: GE STEAM POWER SERVICE; WITHOUT NUT; FOR HP/IP/LP TURBINE	EA	780		
0083665	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 65 MM; THREAD: 2 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931; WITH NUTS	EA	4 800		
0083666	BOLT, MACHINE: DIAMETER: M12; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; TYPE: HEX; DOUBLE HEAT TREATED , COURSE THREAD	EA	300		
0083667	BOLT, ASSEMBLY: TYPE: HTS; NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 50 MM; THREAD: 2 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	5 040		
0083670	BOLT, MACHINE: DIAMETER: M20; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	3 120		
0083674	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 57 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS; NUT GRADE: 8.8; DOUBLE HEAT TREATED, METRIC COARSE THREAD MEDIUM FIT; SPECIFICATION: SABS 136	EA	6 000		
0083693	BOLT, MACHINE: DIAMETER: M10; LENGTH: 25 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; THREAD LENGTH: 23 MM; SPECIFICATION: DIN 931; PROTECTIVE	EA	2 400		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

	COATING: BLACK; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT				
0083695	BOLT, MACHINE: DIAMETER: M12; LENGTH: 30 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; METRIC COARSE THREAD, MEDIUM FIT	EA	240		
0083699	BOLT, MACHINE: DIAMETER: M20; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	360		
0083700	BOLT, MACHINE: DIAMETER: M20; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	1 200		
0083701	BOLT, MACHINE: DIAMETER: M20; LENGTH: 125 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	600		
0083710	BOLT, MACHINE: DIAMETER: M6; LENGTH: 25 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	120		
0083711	BOLT, MACHINE: DIAMETER: M8; LENGTH: 25 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	600		
0083713	BOLT, MACHINE: DIAMETER: M20; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; THREAD LENGTH: 45 MM; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	360		
0083715	BOLT, MACHINE: DIAMETER: M24; LENGTH: 120 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	300		
0083931	BOLT, MACHINE: DIAMETER: M36; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 4 MM; PROTECTIVE COATING: BLACK; WITHOUT NUT	KG	240		
0083936	BOLT, MACHINE: DIAMETER: M16;	EA	660		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

	LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931				
0083938	BOLT, MACHINE: DIAMETER: M12; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; THREAD LENGTH: 32 MM; SPECIFICATION: SABS 136; PROTECTIVE COATING: BLACK; METRIC COARSE THREAT, MEDIUM FIT, DOUBLE HEAT TREATED	EA	600		
0083940	BOLT, MACHINE: DIAMETER: M10; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; TYPE: MACHINE	EA	180		
0083941	BOLT, MACHINE: DIAMETER: M16; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931	EA	24		
0083942	BOLT, MACHINE: DIAMETER: M20; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	120		
0083944	BOLT, MACHINE: DIAMETER: M20; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	120		
0083962	BOLT, MACHINE: DIAMETER: M8; LENGTH: 75 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1.25 MM	EA	600		
0083963	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 150 MM; HEAD: HEX; MATERIAL: STAINLESS STEEL; THREAD: 2 MM; NUT QUANTITY: 1	EA	120		
0083986	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 12.5 MM; MATERIAL: STL; GRADE: 10; SPECIFICATION: DIN 6915; PLATED	EA	60		
0084380	BOLT, ASSEMBLY: NOMINAL DIAMETER: 3/4 IN; LENGTH: 2-1/2 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 10BSW; NUT QUANTITY: 1	EA	120		
0084399	BOLT, MACHINE: DIAMETER: M12; LENGTH: 30 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1.75 MM	EA	180		
0084401	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12;	EA	240		

	LENGTH: 50 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: STAINLESS STEEL; COARSE THREAD MEDIUM FIT; SPECIFICATION: SABS136: TABLE 11, MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT				
0084410	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 2 IN; HEAD: HEX; MATERIAL: STL; THREAD: 14BSF	EA	36		
0084416	BOLT, ASSEMBLY: NOMINAL DIAMETER: 1/2 IN; LENGTH: 2 IN; HEAD: HEX; GRADE: 4.6; MATERIAL: HTS; THREAD: 6BSF; TYPE THREADED	EA	120		
0084530	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 100 MM; HEAD: HEX; GRADE: 1; MATERIAL: MS; THREAD LENGTH: 1; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: GALV; HOT DIP TO SABS763:1984, COARSE THREAD FREE FIT	EA	120		
0084536	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 45 MM; HEAD: HEX; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; COARSE THREADED, FREE FIT, SPECIFICATION: SABS 135	KG	700		
0084554	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75		
0084555	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	25		
0084557	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 75 MM; HEAD: HEX; GRADE:	KG	125		

	4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135				
0084563	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	25		
0084564	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	250		
0084565	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	200		
0084567	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 27 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	25		
0084571	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT; SPECIFICATION: SABS 135	KG	75		
0084572	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE	KG	10 800		

	COATING: BLACK; SPECIFICATION: SABS 135				
0084573	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 45 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135: 1985	KG	750		
0084574	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	6 000		
0084575	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 33 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1 325		
0084576	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 35 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	450		
0084578	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 35 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1000		
0084582	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS BLACK; THREAD LENGTH: 35 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135, COARSE THREAD FREE FIT	KG	25		
0084584	BOLT, ASSEMBLY: NOMINAL	KG	25		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

	DIAMETER: M12; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135				
0084587	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 255 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	100		
0084588	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 70 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT; SPECIFICATION: SABS 135	KG	2000		
0084589	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 38 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	2 400		
0084590	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	6 000		
0084591	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	250		
0084592	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT; SPECIFICATION: SABS 135	KG	1000		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

0084593	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 45 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	375		
0084594	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	200		
0084595	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 47 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	125		
0084596	BOLT, MACHINE: DIAMETER: M16; LENGTH: 225 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; PROTECTIVE COATING: BLACK; WITHOUT NUT	KG	25		
0084597	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 230 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	600		
0084600	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 48 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	6 000		
0084601	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	7 200		
0084602	BOLT, ASSEMBLY: TYPE: GENERAL	KG	300		

	PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 115 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 48 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135				
0084603	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS1 35	KG	200		
0084605	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1 500		
0084606	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; NUT PROTECTIVE COATING: BLACK	KG	500		
0084608	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 255 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 70 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	50		
0084611	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 75 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	200		
0084613	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 100 MM; HEAD: HEX; GRADE:	KG	7 200		

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	4.6; MATERIAL: MS; THREAD LENGTH: 57 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT.; SPECIFICATION: SABS 135				
0084615	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 60 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	500		
0084616	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 65 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1 450		
0084617	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 180 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 65 MM; THREAD: 3 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	2 400		
0084618	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 23 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	50		
0084620	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 20 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	50		
0084624	BOLT, ASSEMBLY: NOMINAL DIAMETER: M6; LENGTH: 90 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; ISO METRIC COARSE THREAD FREE FIT, TO THE LATEST EDITION OF SABS135 AND BEARING THE SABS MARK OF APPROVAL; SPECIFICATION: SABS135: 1985	KG	125		

0084625	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 22 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	50		
0084641	BOLT, MACHINE: DIAMETER: M30; LENGTH: 130 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; SPECIFICATION: DIN 931; SUPPL P/N: AN001MG01; DOUBLE HEAT TREATED, ACC FAN OUTPUT COUPLING HUB BOLTS, MAG	EA	60		
0084642	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M30; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 73 MM; THREAD: 3.5 MM; NUT QUANTITY: 1; DOUBLE HEAT TREATED, WITH NUT; SPECIFICATION: DIN 931	EA	2 400		
0084645	BOLT, MACHINE: DIAMETER: M30; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED	EA	36		
0085371	BOLT, MACHINE: DIAMETER: 19 MM; LENGTH: 470 MM; HEAD: HEX; GRADE: 304; MATERIAL: STAINLESS STEEL; THREAD: 2.5 MM; THREAD LENGTH: 280 MM; TYPE: MILL; TAKE-UP, 10 THREADS PER INCH, 32MM	EA	2 400		
0085407	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 60 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2 MM; NUT QUANTITY: 1	EA	60		
0085408	SCREW: LENGTH: 75 MM; HEAD: HEX; MATERIAL: SS GR 316; WITH NUT; NOMINAL DIAMETER: M16; NUT QUANTITY: 1	EA	72		
0085410	BOLT, MACHINE: DIAMETER: M16; LENGTH: 85 MM; HEAD: HEX; MATERIAL: STAINLESS STEEL; THREAD: 2 MM	EA	300		
0085411	BOLT, MACHINE: DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; MATERIAL: STAINLESS STEEL; THREAD: 2 MM	EA	1 440		
0085412	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 50 MM; HEAD	EA	600		

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	STYLE: HEX; MATERIAL: SS 316				
0085413	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 45 MM; HEAD STYLE: HEX; MATERIAL: SS 316	EA	360		
0085417	BOLT: DIAMETER: M20; LENGTH: 90 MM; MATERIAL: STL; THREAD: 2.5 MM; THREAD LENGTH: 23 MM; OEM P/N: 5620-071, OEM: GE STEAM POWER SERVICE; DRAWING NO: MATLA 5620-071	EA	1 320		
0085427	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 250 MM; MATERIAL: STL; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: GALV; HALF CUP SQUARE, FOR VIKING JOHNSON COUPLING	EA	60		
0085429	BOLT, MACHINE: DIAMETER: M10; LENGTH: 70 MM; HEAD: HEX; MATERIAL: HTS; THREAD: 1.5 MM	EA	240		
0085431	BOLT, MACHINE: DIAMETER: M33; LENGTH: 120 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; SPECIFICATION: DIN 931	EA	2 400		
0085432	BOLT, MACHINE: DIAMETER: M22; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 316; WITHOUT NUT	EA	1 200		
0085436	BOLT, MACHINE: DIAMETER: 7/8 IN; LENGTH: 4 IN; HEAD: SQ; GRADE: 8.8; MATERIAL: HTS; THREAD: 9BSW	EA	720		
0085438	BOLT, MACHINE: DIAMETER: M30; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 3.5 MM; PROTECTIVE COATING: BLACK	KG	3 600		
0085439	BOLT, MACHINE: DIAMETER: M33; LENGTH: 110 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; THREAD LENGTH: 80 MM; SPECIFICATION: DIN 931; WITHOUT NUT, 1 KILOGRAM = 1 EACH	KG	50		
0085440	BOLT, MACHINE: DIAMETER: M24; LENGTH: 275 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; THREAD LENGTH: 75 MM; SPECIFICATION: DIN 931	EA	2 400		
0085441	BOLT, MACHINE: DIAMETER: M16; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; USED ON STATOR COOLER	EA	300		

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0085442	BOLT, MACHINE: DIAMETER: M27; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD: 3 MM; THREAD LENGTH: 60 MM; PROTECTIVE COATING: BLACK	EA	840		
0085457	BOLT, MACHINE: DIAMETER: M24; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; TYPE: LP1, 2 SHAFT GLAND; OEM P/N: 2880-018, OEM: GE STEAM POWER SERVICE; DRAWING NO: 2880-018 REV 0; FOR LP TURBINE	EA	600		
0085463	SCREW, MACHINE: DIAMETER: M16; LENGTH: 75 MM; THREAD: 2 MM; HEAD: CSK FLAT SLOTTED; MATERIAL: STL	EA	1 200		
0085464	BOLT, MACHINE: DIAMETER: M10; LENGTH: 50 MM; HEAD: HEX; MATERIAL: ALUMINIUM; THREAD: 1.5 MM	EA	1 200		
0085467	BOLT, MACHINE: DIAMETER: M30; LENGTH: 315 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; SPECIFICATION: DIN 931	EA	120		
0085468	BOLT, MACHINE: DIAMETER: M12; LENGTH: 75 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1.75 MM	EA	30		
0085470	BOLT, MACHINE: DIAMETER: M30; LENGTH: 120 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	1 560		
0085477	BOLT, T: DIAMETER: M16; LENGTH: 100 MM; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: DIN 931	EA	480		
0085483	SCREW, MACHINE: DIAMETER: M10; LENGTH: 40 MM; THREAD: 1.5 MM; HEAD: CSK FLAT SLOTTED; MATERIAL: SS GR 304; GDE 30.4	EA	72		
0085485	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 35 MM; HEAD STYLE: HEX; MATERIAL: STL; SPECIFICATION: DIN931; DOUBLE HEAT TREATED; WITHOUT NUT; GRADE: 8.8	EA	480		
0085489	BOLT, MACHINE: DIAMETER: M16; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	60		

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0085491	SCREW, SET: NOMINAL THREAD DIAMETER: M20; THREAD: 2.5 MM; THREAD LENGTH: 40 MM; HEAD STYLE: HEX; MATERIAL: HTS; SPECIFICATION: DIN931; PROTECTIVE COATING: BLK; GRADE 8.8	EA	6 000		
0085492	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 55 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 45 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS; PROTECTIVE COATING: BLACK; DOUBLE HEAT TREATED	EA	360		
0085493	BOLT, MACHINE: DIAMETER: M20; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	120		
0085496	BOLT, MACHINE: DIAMETER: M12; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931	EA	360		
0085498	BOLT, MACHINE: DIAMETER: M12; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931	EA	60		
0085508	BOLT, MACHINE: DIAMETER: 1-1/4 IN; LENGTH: 5 IN; HEAD: HEX; MATERIAL: STL BRIGHT; THREAD: 7BSW	EA	24		
0085541	BOLT, MACHINE: DIAMETER: M16; LENGTH: 100 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2 MM; SPECIFICATION: SABS 136; COARSE THREAD MEDIUM FIT, MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT	EA	2 400		
0085621	BOLT: DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2.5 MM; SPECIFICATION: SABS 136; MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT	EA	240		
0085651	BOLT, MACHINE: DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2.5 MM; SPECIFICATION: SABS 136	EA	300		
0086596	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 9BSW; THREADS-B: 9BSW; THREAD LENGTH-A: 1.187 IN; THREAD LENGTH-B: 7/8 IN	EA	12		

0086620	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 1/2-IN- BSF; THREADS-B: 1/2-IN-BSF; THREAD LENGTH-A: 1.596 IN; THREAD LENGTH- B: 0.66 IN; SPECIFICATION: BS 2693; GRADE: 4.6; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; BARREL	EA	120		
0086622	STUD, DOUBLE ENDED: LENGTH: 3-1/2 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 9BSW; THREADS-B: 9BSW; THREAD LENGTH-A: 1.6929 IN; THREAD LENGTH-B: 7/8 IN; 3.500	EA	18		
0086625	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: STL; THREADS-A: 14BSF; THREADS-B: 14BSF; THREAD LENGTH-A: 1-1/4 IN; THREAD LENGTH- B: 5/8 IN; (28TONS TS) 11TPI BSF THD; 0.625IN.TH D ONE END 1.250IN THD OTHER END	EA	60		
0086638	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: STL; THREADS-A: 11BSW; THREADS-B: 11BSW; THREAD LENGTH-A: 1-3/4 IN; THREAD LENGTH- B: 5/8 IN; REFERENCE NO: 3X5- 8INBSWHT; 50 TO 60 TON TENSILE STRENGTH; FULL THREAD	EA	12		
0086647	STUD, DOUBLE ENDED: LENGTH: 150 MM; DIAMETER-A: M24; DIAMETER-B: M24; MATERIAL: HTS; THREADS-A: 3 MM; THREADS-B: 3 MM; THREAD LENGTH-A: 54 MM; THREAD LENGTH-B: 54 MM; WITH NUT	EA	12		
0087082	STUD, ASSEMBLY: DIAMETER: M30; THREAD: 3.5 MM; LENGTH: 150 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS60; HEXAGON; FULL THREAD	EA	12		
0087088	STUD, DOUBLE ENDED: LENGTH: 44 MM; DIAMETER-A: M12; DIAMETER-B: M12; MATERIAL: HTS; THREADS-A: 1.75 MM; THREADS-B: 1.75 MM; THREAD LENGTH-A: 16.5 MM; THREAD LENGTH- B: 16.5 MM; GRADE: 8.8	EA	60		
0087515	WASHER, LOCK: INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 24.3 MM; THICKNESS: 3.6 MM; NOMINAL SIZE: M16; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT	EA	4 800		
0087516	WASHER, LOCK: INSIDE DIAMETER: 21	EA	840		

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	MM; OUTSIDE DIAMETER: 30.5 MM; THICKNESS: 4.3 MM; NOMINAL SIZE: M20; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT; GRADE 4.6				
0087518	WASHER, LOCK: INSIDE DIAMETER: 25 MM; OUTSIDE DIAMETER: 35.7 MM; THICKNESS: 4.8 MM; NOMINAL SIZE: M24; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT	EA	1 320		
0087520	WASHER, LOCK: INSIDE DIAMETER: 31.5 MM; OUTSIDE DIAMETER: 43.9 MM; THICKNESS: 5.8 MM; NOMINAL SIZE: M30; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT; GRADE: 4.6	EA	2 400		
0087634	NUT, HEX: DIAMETER: M6; THREAD: 1 MM; NUT HEIGHT: 5 MM; MATERIAL: MS BLACK; GRADE: 4.8; SPECIFICATION: SABS 1143-1977	KG	75		
0087635	NUT, HEX: DIAMETER: M8; THREAD: 1.25 MM; NUT HEIGHT: 6.3 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	75		
0087636	NUT, HEX: DIAMETER: M10; THREAD: 1.5 MM; NUT HEIGHT: 8 MM; MATERIAL: MS BLACK; GRADE: 4.8; SPECIFICATION: SABS 1143	KG	75		
0087637	NUT, HEX: DIAMETER: M12; THREAD: 1.75 MM; NUT HEIGHT: 10 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	125		
0087638	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 13 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	2 400		
0087639	NUT, HEX: DIAMETER: M20; THREAD: 2.5 MM; NUT HEIGHT: 15.5 MM; MATERIAL: MS BLACK; GRADE: 4.6	KG	2 400		
0087640	NUT, HEX: DIAMETER: M24; THREAD: 3 MM; NUT HEIGHT: 18 MM; MATERIAL: MS BLACK; SPECIFICATION: SABS 1143	KG	2000		
0087641	NUT, HEX: DIAMETER: M30; THREAD: 3.5 MM; NUT HEIGHT: 24 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143-1977	KG	125		
0087660	NUT, HEX: DIAMETER: M8; THREAD: 1.25 MM; NUT HEIGHT: 6 MM; MATERIAL: HTS GR 40; GRADE: 8.8; SPECIFICATION: DIN 934	EA	180		
0087661	NUT, HEX: DIAMETER: M10; THREAD: 1.5 MM; NUT HEIGHT: 8 MM; MATERIAL:	EA	612		

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	HTS; GRADE: 8.8; DIN931; DOUBLE CHAMFERED; COARSE THRD; MEDIUM FIT; QUENCHED AND TEMPERED				
0087662	NUT, HEX: DIAMETER: M12; THREAD: 1.75 MM; NUT HEIGHT: 10 MM; MATERIAL: HTS; GRADE: 8.8	EA	1 200		
0087663	NUT, HEX: DIAMETER: M6; THREAD: 1 MM; NUT HEIGHT: 5 MM; MATERIAL: HTS; GRADE: 8.8; DIN931; DOUBLE CHAMFERED; COURSE THREAD MEDIUM FIT	EA	240		
0087679	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 12.5 MM; MATERIAL: HTS; GRADE: 8; SPECIFICATION: SABS 136	EA	1 800		
0087681	NUT, HEX: DIAMETER: M20; THREAD: 2.5 MM; NUT HEIGHT: 17 MM; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: DIN 934	EA	1 200		
0087700	WASHER, FLAT: NOMINAL SIZE: M10; INSIDE DIAMETER: 12 MM; OUTER SIZE: 21 MM; THICKNESS: 2 MM; MATERIAL: STL; SPECIFICATION: SABS 4320-1968 TABLE 3 FORM E	KG	250		
0087701	WASHER, FLAT: NOMINAL SIZE: M12; INSIDE DIAMETER: 13.5 MM; OUTER SIZE: 24 MM; THICKNESS: 2.5 MM; MATERIAL: MS BLACK; SPECIFICATION: BS 1449 PART 3B	KG	500		
0087702	WASHER, FLAT: NOMINAL SIZE: M16; INSIDE DIAMETER: 17 MM; OUTER SIZE: 35 MM; THICKNESS: 3 MM; MATERIAL: MS BLACK	KG	750		
0087703	WASHER, FLAT: NOMINAL SIZE: M20; INSIDE DIAMETER: 21 MM; OUTER SIZE: 37 MM; THICKNESS: 3 MM; MATERIAL: MS BLACK BS 1449PT3B	KG	9 600		
0087704	WASHER, FLAT: NOMINAL SIZE: M24; INSIDE DIAMETER: 25 MM; OUTER SIZE: 44 MM; THICKNESS: 4.5 MM; MATERIAL: MILD STEEL	KG	6 000		
0088894	NUT, HEX: DIAMETER: M36; THREAD: 4 MM; NUT HEIGHT: 29 MM; MATERIAL: MS BLACK; REFERENCE NO: M36	KG	125		
0089266	NUT, HEX: DIAMETER: M33; THREAD: 3.5 MM; NUT HEIGHT: 25 MM; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: DIN 931	EA	8 400		
0089519	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 12.5 MM; MATERIAL:	EA	312		

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	STAINLESS STEEL; GRADE: 316; SPECIFICATION: SABS 136; OEM P/N: 5160-250, OEM: GE STEAM POWER SERVICE				
0089621	NUT, HEX: DIAMETER: M24; THREAD: 3 MM; NUT HEIGHT: 19 MM; MATERIAL: HTS; GRADE: 8.8	EA	660		
0089623	NUT, HEX: DIAMETER: M30; THREAD: 3.5 MM; NUT HEIGHT: 22 MM; MATERIAL: HTS; GRADE: 8.8; SUPPL P/N: M30; ACC FAN OUTPUT COUPLING HUB BOLT NUTS	EA	264		
0089751	NUT, HEX: DIAMETER: M27; THREAD: 3 MM; NUT HEIGHT: 21 MM; MATERIAL: MS BLACK	KG	500		
0091061	WASHER, LOCK: INSIDE DIAMETER: 36 MM; OUTSIDE DIAMETER: 55 MM; THICKNESS: 7.5 MM; MATERIAL: STL; TYPE: HELICAL SPRING; SIZE 50MM O.D	EA	10 800		
0091202	WASHER, FLAT: NOMINAL SIZE: 33 MM; INSIDE DIAMETER: 33 MM; OUTER SIZE: 66 MM; THICKNESS: 5 MM; MATERIAL: MS	KG	125		
0091209	NUT, HEX: DIAMETER: 1-1/2 IN; THREAD: 16BSF; NUT HEIGHT: 1.34 IN; MATERIAL: HTS GR 40; END DETAIL DESCRIPTION	EA	4		
0091867	NUT, HEX: DIAMETER: M27; THREAD: 3 MM; NUT HEIGHT: 21 MM; MATERIAL: HTS GR 40; GRADE: 8	EA	1 680		
0219343	BOLT, MACHINE: DIAMETER: M24; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 3 MM; SPECIFICATION: DIN 931	EA	72		
0237154	WASHER, LOCK: INSIDE DIAMETER: 36 MM; THICKNESS: 1.6 MM; MATERIAL: MS GR EN3; TYPE: MILL; DRAWING NO: ESKOM 0.47/53744 REV 1; SPIDER HEAD SPECTACKLE LOCKING PLATE; DRAWING AVAILABLE FROM MATLA POWER STATION	EA	300		
0244048	BOLT: TYPE: MILL GEARBOX OUTPUT COUPLING TO MILL YOKE; DIAMETER: M72; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: CS; THREAD LENGTH: 80 MM; RH P4	EA	840		
0244049	BOLT: TYPE: MILL GEARBOX; DIAMETER: M64; LENGTH: 220 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: CS; THREAD: 6 MM; THREAD LENGTH:	EA	240		

	100 MM				
0555270	BOLT, ASSEMBLY: TYPE: COUPLING; NOMINAL DIAMETER: 16 MM; LENGTH: 84.74 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; NUT QUANTITY: 1; NUT GRADE: 8.8; DRAWING NO: 0.47/57445 REV 1; REFERENCE NO: TYPE A; USED ON FORCED DRAUGHT FAN; COMPLETE WITH NYLOC NUTS; PROTECTIVE COATING REQUIRED ON BOLTS; DRAWING AVAILABLE AT MATLA POWER STATION; MATERIAL CERTIFICATE REQUIRED ON DELIVERY; IN ACCORDANCE TO ESKOM	EA	150		
0555271	BOLT, ASSEMBLY: TYPE: COUPLING; NOMINAL DIAMETER: 14 MM; LENGTH: 74 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: NYLOCK; NUT GRADE: 8.8; DRAWING NO: 0.47/57466 REV 0; USED FOR PRIMARY AIR FAN; COMPLETE WITH NYLOC NUTS PROTECTIVE COATING REQUIRED FOR BOLTS; DRAWING AVAILABLE FROM MATLA POWER STATION; MATERIAL CERTIFICATE REQUIRED ON DELIVERY; IN ACCORDANCE TO ESKOM DRAWING	EA	132		
0648297	SCREW, SET: NOMINAL THREAD DIAMETER: M30; THREAD: METRIC; THREAD LENGTH: 90 MM; HEAD STYLE: HEX; MATERIAL: HTS GR 8.8	KG	2475		
0080548	SCREW, SET: NOMINAL THREAD DIAMETER: 5/8 IN; THREAD: 11BSW; THREAD LENGTH: 2-1/2 IN; HEAD STYLE: HEX; MATERIAL: HTS GR 8.8; POINT STYLE: FLAT; SPECIFICATION: DIN558	EA	48		
0080560	SCREW, CAP: DIAMETER: 1 IN; LENGTH: 2 IN; THREAD: 8BSW; HEAD: HEX; MATERIAL: STL; GRADE: 4.6; SPECIFICATION: DIN 558	EA	48		
0080737	SCREW, SET: NOMINAL THREAD DIAMETER: M8; THREAD: 1.25 MM; THREAD LENGTH: 50 MM; HEAD STYLE: HEX; MATERIAL: HTS; POINT STYLE: FLAT; SPECIFICATION: SABS136-1985 TABLE 1; GRADE 8.8, 800MPA TENSILE STRENGTH	EA	60		
0080746	SCREW, SET: NOMINAL THREAD DIAMETER: M12; THREAD: 1.75 MM; THREAD LENGTH: 50 MM; HEAD	EA	60		

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	STYLE: HEX; MATERIAL: HTS; POINT STYLE: FLAT; SPECIFICATION: DIN931; COURSE THREAD; MEDIUM FIT; GRADE: 8.8				
0081420	SCREW, MACHINE: DIAMETER: M22; LENGTH: 50 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: MS	EA	1 200		
0082102	SCREW, MACHINE: DIAMETER: M20; LENGTH: 40 MM; THREAD: 2.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL; ST	EA	1 200		
0082138	SCREW, MACHINE: DIAMETER: M3.5; LENGTH: 30 MM; THREAD: 0.45 MM; HEAD: PAN SLOTTED; MATERIAL: STL; ST	EA	1 200		
0082165	SCREW, MACHINE: DIAMETER: M20; LENGTH: 95 MM; THREAD: 2.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	1 200		
0082859	SCREW, MACHINE: DIAMETER: M10; LENGTH: 50 MM; THREAD: 1.5 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	1 200		
0082866	SCREW, MACHINE: DIAMETER: M12; LENGTH: 75 MM; THREAD: 1.75 MM; HEAD: HEX; MATERIAL: HTS	EA	600		
0082895	SCREW, MACHINE: DIAMETER: 1 IN; LENGTH: 3 IN; THREAD: 8BSW; HEAD: HEX; MATERIAL: HTS	EA	48		
0082898	SCREW, MACHINE: DIAMETER: M20; LENGTH: 130 MM; THREAD: 2.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	1 200		
0082934	SCREW, MACHINE: DIAMETER: M8; LENGTH: 50 MM; THREAD: 1.25 MM; HEAD: HEX; MATERIAL: SS GR 316	EA	720		
0082943	SCREW, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 40 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; COMPLETE WITH CAP NUT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	12		
0082951	SCREW, MACHINE: DIAMETER: 15/16 IN; LENGTH: 5/8 IN; THREAD: BSFT; HEAD: HEX; MATERIAL: HTS; THREADS: 0.394 IN	EA	12		
0082953	SCREW, CAP: DIAMETER: 1/4 IN; LENGTH: 3/8 IN; THREAD: BSF; HEAD: CSK SOCKET HEX; MATERIAL: MS;	EA	24		

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	FLAT POINT, THREADS 0.394 IN				
0082955	SCREW, MACHINE: DIAMETER: 1/2 IN; LENGTH: 1 IN; THREAD: BSFT; HEAD: CSK SLOTTED; MATERIAL: STL; THREADS 0.4137 IN	EA	12		
0082959	SCREW, CAP: DIAMETER: 5/8 IN; LENGTH: 2 IN; THREAD: BSFT; HEAD: CSK SOCKET; MATERIAL: MS; GRADE: 9.8; FLAT POINT; THREADS 0.4216 IN	EA	24		
0082980	SCREW, MACHINE: DIAMETER: M10; LENGTH: 40 MM; THREAD: 1.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	12		
0082981	SCREW, MACHINE: DIAMETER: M10; LENGTH: 50 MM; THREAD: 1.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	12		
0082984	SCREW, MACHINE: DIAMETER: M12; LENGTH: 50 MM; THREAD: 1.75 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	12		
0082998	SCREW, MACHINE: DIAMETER: M18; LENGTH: 40 MM; THREAD: 2.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	12		
0083154	SCREW, CAP: DIAMETER: M24; LENGTH: 50 MM; THREAD: 3 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	24		
0083575	BOLT, MACHINE: DIAMETER: M10; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931	EA	24		
0083595	BOLT, ASSEMBLY: NOMINAL DIAMETER: M10; LENGTH: 180 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD: 1.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75		
0083596	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD LENGTH: 35 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75		
0083623	BOLT, MACHINE: DIAMETER: M16; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, METRIC COARSE THREAD MEDIUM FIT	EA	60		
0083650	BOLT, MACHINE: DIAMETER: M6; LENGTH: 40 MM; HEAD: HEX; GRADE:	EA	24		

	8.8; MATERIAL: HTS DOUBLE HEAT TREATED; THREAD: 0.5 MM; COLOR: BLACK; SPECIFICATION: DIN 931; COARSE, MEDIUM FIT				
0083652	BOLT, MACHINE: DIAMETER: M6; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED COARSE THREAD, MEDIUM FIT	EA	24		
0083653	BOLT, MACHINE: DIAMETER: M6; LENGTH: 70 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	24		
0083672	BOLT, MACHINE: DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; COARSE THREAD, MEDIUM FIT, DOUBLE HEAT TREATED	EA	60		
0083694	BOLT, ASSEMBLY: NOMINAL DIAMETER: M10; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; NUT QUANTITY: 1; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	24		
0083696	BOLT, MACHINE: DIAMETER: M12; LENGTH: 125 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	18		
0083933	BOLT, MACHINE: DIAMETER: M10; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	24		
0083934	BOLT, MACHINE: DIAMETER: M10; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED	EA	24		
0083937	BOLT, MACHINE: DIAMETER: M12; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, METRIC COARSE THREAD, MEDIUM FIT	EA	18		
0083939	BOLT, MACHINE: DIAMETER: M12; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM;	EA	30		

	SPECIFICATION: DIN 931; DOUBLE HEAT TREATED				
0083964	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 50 MM; HEAD: HEX; GRADE: 316; MATERIAL: STAINLESS STEEL; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT/WASHER	EA	30		
0083965	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2 MM; NUT QUANTITY: 1; WASHER	EA	30		
0083985	BOLT, MACHINE: DIAMETER: M8; LENGTH: 16 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	30		
0084551	BOLT, ASSEMBLY: NOMINAL DIAMETER: M6; LENGTH: 140 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SABS135/DIN555	KG	50		
0084552	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75		
0084556	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	125		
0084561	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75		
0084566	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 90 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.5 MM; NUT	KG	25		

	QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135				
0084569	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 32 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75		
0084570	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	75		
0084579	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	125		
0084580	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75		
0084581	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 140 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75		
0084585	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6 MM; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS135	KG	75		

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0084586	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 230 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75		
0084623	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 20 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	25		
0085430	BOLT, MACHINE: DIAMETER: M10; LENGTH: 60 MM; HEAD: HEX; MATERIAL: HTS; THREAD: 1.5 MM; PROTECTIVE COATING: CR PLTD	EA	24		
0085447	BOLT, MACHINE: DIAMETER: M24; LENGTH: 265 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	144		
0085448	BOLT, MACHINE: DIAMETER: M39; LENGTH: 150 MM; HEAD: HEX; MATERIAL: HTS; THREAD: 4 MM; WITHOUT NUT	EA	144		
0085469	BOLT, MACHINE: DIAMETER: M6; LENGTH: 80 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1 MM	EA	144		
0085478	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 1-3/4 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 14BSF	EA	144		
0085479	BOLT, MACHINE: DIAMETER: 3/8 IN; LENGTH: 1-1/4 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 20BSF	EA	144		
0085480	BOLT, MACHINE: DIAMETER: 1/2 IN; LENGTH: 2-1/2 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 16BSF	EA	144		
0085484	BOLT, MACHINE: DIAMETER: M33; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM	EA	144		
0085486	SCREW, MACHINE: DIAMETER: 3/4 IN; LENGTH: 1 IN; THREAD: 10BSW; HEAD: CSK FLAT SLOTTED; MATERIAL: STL	EA	12		
0085490	BOLT, MACHINE: DIAMETER: M16; LENGTH: 255 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM;	EA	120		

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	SPECIFICATION: DIN 931				
0085494	BOLT, MACHINE: DIAMETER: M10; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931	EA	144		
0085497	BOLT, MACHINE: DIAMETER: M12; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	144		
0085499	BOLT, MACHINE: DIAMETER: M12; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931	EA	144		
0085500	BOLT, MACHINE: DIAMETER: M12; LENGTH: 230 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931	EA	144		
0085501	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 1.5 MM; THREAD LENGTH: 25 MM; HEAD STYLE: HEX; MATERIAL: HTS; SPECIFICATION: DIN931; GRADE: 8.8	EA	60		
0085502	BOLT, J: DIAMETER: M6; LENGTH: 160 MM; THREAD LENGTH: 40 MM; THREAD: 1 MM; MATERIAL: STL; PROTECTIVE COATING: GALV; HOOK, COMPLETE WITH NUT	EA	12		
0085503	BOLT, MACHINE: DIAMETER: M6; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931	EA	144		
0085504	BOLT, MACHINE: DIAMETER: M6; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931	EA	144		
0085505	BOLT, MACHINE: DIAMETER: M6; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	144		
0085506	BOLT, MACHINE: DIAMETER: M6; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931	EA	144		
0085507	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 4 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 14BSF	EA	120		
0085741	STUD, DOUBLE ENDED: LENGTH: 1-1/2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B:	EA	12		

	3/8 IN; MATERIAL: STL; THREADS-A: 16BSW; THREADS-B: 16BSW; THREAD LENGTH-A: 3/8 IN; THREAD LENGTH-B: 7/8 IN; SPECIFICATION: BS 2693; GRADE: 4.6				
0085742	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: STL; THREADS-A: 16BSW; THREADS-B: 16BSW; THREAD LENGTH-A: 3/8 IN; THREAD LENGTH-B: 1-1/4 IN; TYPE: TAP END; SPECIFICATION: BS 2693; 28 TON TENSILE STRENGTH	EA	12		
0086272	STUD, ALL THREAD: DIAMETER: 7/8 IN; LENGTH: 1-1/4 IN; THREAD: 12BSF; MATERIAL: STL; 1.250	EA	12		
0086579	STUD, DOUBLE ENDED: LENGTH: 3-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1 IN; SPECIFICATION: BS 2693; GRADE: 4.6; EACH COMPLETE WITH TWO NUTS, MINIMUM TENSILE STRENGTH OF 55 TON	EA	12		
0086593	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 5/8 IN; THREADS-B: 5/8 IN; THREAD LENGTH-A: 1-3/4 IN; THREAD LENGTH-B: 7/8 IN; SPECIFICATION: BS 2693; GRADE: 4.6; REFERENCE NO: 0.57-815; BARREL	EA	12		
0086595	STUD, DOUBLE ENDED: LENGTH: 1-1/2 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: HTS; THREADS-A: 16BSF; THREADS-B: 16BSF; THREAD LENGTH-A: 3/4 IN; THREAD LENGTH-B: 1/2 IN; REFERENCE NO: 1 1-2X1-2INBSWHT; HT 1.500	EA	12		
0086599	STUD, DOUBLE ENDED: LENGTH: 3-1/2 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 12BSF; THREADS-B: 12BSF; THREAD LENGTH-A: 1-1/2 IN; THREAD LENGTH-B: 7/8 IN; TYPE: BARREL; SPECIFICATION: BS 2693 GR F65; WITH TWO NUTS, 50 - 60 TON TENSILE STRENGTH	EA	12		
0086600	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: HTS; THREADS-A: 16BSF; THREADS-B: 16BSF; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1/2 IN; TYPE: TAP END;	EA	12		

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

	SPECIFICATION: BS 2693; GRADE: 4.6; 50 TO 60 TON TENSILE STRENGTH				
0086601	STUD, ALL THREAD: DIAMETER: 1/2 IN; LENGTH: 3 IN; THREAD: 16BSF; MATERIAL: HTS; 50 TO 60 TON TENSILE STRENGTH	EA	12		
0086602	STUD, DOUBLE ENDED: LENGTH: 1-1/2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: HTS; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 3/4 IN; THREAD LENGTH-B: 3/8 IN; HT 1.500	EA	12		
0086604	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 1.7717 IN; THREAD LENGTH-B: 0.315 IN	EA	24		
0086605	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: MS; THREADS-A: 14BSF; THREADS-B: 14BSF; THREAD LENGTH- A: 3/4 IN; THREAD LENGTH-B: 1-3/4 IN; TYPE: BARREL; SPECIFICATION: BS 2693; GRADE: 4.6	EA	12		
0086617	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: HTS; THREADS-A: 16BSF; THREADS-B: 16BSF; THREAD LENGTH-A: 1-5/8 IN; THREAD LENGTH- B: 1/2 IN; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; BARREL	EA	12		
0086619	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 12BSF; THREADS-B: 12BSF; THREAD LENGTH-A: 2-3/8 IN; THREAD LENGTH- B: 7/8 IN	EA	18		
0086623	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: STL; THREADS-A: 12BSW; THREADS-B: 12BSW; THREAD LENGTH-A: 1-1/16 IN; THREAD LENGTH- B: 1/2 IN; TYPE: TAP END; BARREL 50 TO 60 TON TENSILE STRENGTH	EA	12		
0086646	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 10BSF; THREADS-B: 10BSF; THREAD LENGTH- A: 2 IN; THREAD LENGTH-B: 1 IN; THICK	EA	18		
0086842	STUD, ALL THREAD: DIAMETER: 1/2 IN;	EA	12		

	LENGTH: 3 IN; THREAD: 12BSW; MATERIAL: STL				
0086846	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 10BSW; THREADS-B: 10BSW; THREAD LENGTH-A: 3/4 IN; THREAD LENGTH-B: 1-1/2 IN; TYPE: TAP END; BARREL; 50 TO 60 TON TENSILE STRENGTH	EA	12		
0086847	STUD, DOUBLE ENDED: LENGTH: 3-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 10BSW; THREADS-B: 10BSW; THREAD LENGTH-A: 2.0079 IN; THREAD LENGTH-B: 0.6693 IN	EA	12		
0086850	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 9BSW; THREADS-B: 9BSW; THREAD LENGTH-A: 1.5748 IN; THREAD LENGTH-B: 7/8 IN; COMPLETE WITH TWO HEXAGON NUTS	EA	12		
0087083	STUD, ASSEMBLY: DIAMETER: M16; THREAD: 2 MM; LENGTH: 100 MM; STUD MATERIAL: SS GR 316; NUT QUANTITY: 1; NUT MATERIAL: BRASS; THREAD LENGTH: 30 X 20 MM; DOUBLE ENDED	EA	12		
0087084	STUD, ALL THREAD: DIAMETER: 1/2 IN; LENGTH: 9-7/8 IN; THREAD: 16BSF; MATERIAL: HTS; GRADE: 8.8; NOTE: MUST BE 16 THREADS PER INCH; FOR USE ON SOOTBLOWER	EA	3		
0087087	STUD, ALL THREAD: DIAMETER: 12.5 MM; LENGTH: 127 MM; THREAD: 1.5 MM; MATERIAL: STL; SUPPL P/N: 516; FIG NO: 7869; REFERENCE NO: 34173- 102; CHAIN TENSIONER FOR HOPKINSON SOOTBLOWERS.	EA	12		
0087091	STUD, DOUBLE ENDED: LENGTH: 5 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1- 1/4 IN; MATERIAL: HTS; THREADS-A: 9BSF; THREADS-B: 9BSF; THREAD LENGTH-A: 2.4803 IN; THREAD LENGTH-B: 1.1417 IN	EA	18		
0087092	STUD, DOUBLE ENDED: LENGTH: 5-1/4 IN; DIAMETER-A: 1-1/2 IN; DIAMETER-B: 1-1/2 IN; MATERIAL: STL; THREADS-A: 8BSF; THREADS-B: 8BSF; THREAD LENGTH-A: 2.3622 IN; THREAD LENGTH-B: 1.378 IN; HT 5.250	EA	18		
0087094	STUD, DOUBLE ENDED: LENGTH: 3 IN;	EA	12		

	DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 7BSW; THREADS-B: 7BSW; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1 IN				
0087095	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 7BSW; THREADS-B: 7BSW; THREAD LENGTH-A: 1.4567 IN; THREAD LENGTH-B: 1.1417 IN	EA	18		
0087096	STUD, DOUBLE ENDED: LENGTH: 5 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 7BSW; THREADS-B: 7BSW; THREAD LENGTH-A: 2.5197 IN; THREAD LENGTH-B: 1.2992 IN	EA	18		
0087097	STUD, DOUBLE ENDED: LENGTH: 5-1/4 IN; DIAMETER-A: 1-1/2 IN; DIAMETER-B: 1-1/2 IN; MATERIAL: HTS; THREADS-A: 6BSW; THREADS-B: 6BSW; THREAD LENGTH-A: 2.4803 IN; THREAD LENGTH-B: 1.2992 IN; HT 5.250	EA	18		
0087098	STUD, DOUBLE ENDED: LENGTH: 6 IN; DIAMETER-A: 1-1/2 IN; DIAMETER-B: 1-1/2 IN; MATERIAL: HTS; THREADS-A: 6BSW; THREADS-B: 6BSW; THREAD LENGTH-A: 2.9528 IN; THREAD LENGTH-B: 1.3386 IN	EA	18		
0087099	STUD, DOUBLE ENDED: LENGTH: 1 IN; DIAMETER-A: 1/4 IN; DIAMETER-B: 1/4 IN; MATERIAL: STL; THREADS-A: 26BSF; THREADS-B: 25BSF; THREAD LENGTH-A: 1/2 IN; THREAD LENGTH-B: 1/4 IN; HT	EA	12		
0087100	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 1/4 IN; DIAMETER-B: 1/4 IN; MATERIAL: HTS; THREADS-A: 26BSF; THREADS-B: 26BSF; THREAD LENGTH-A: 1-1/2 IN; THREAD LENGTH-B: 1/4 IN; ENGINEERING	EA	12		
0087101	STUD, DOUBLE ENDED: LENGTH: 1 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: HTS; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 0.3543 IN; THREAD LENGTH-B: 0.3543 IN	EA	12		
0087102	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: HTS GR 60; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 1-1/16 IN; THREAD LENGTH-B: 7/16 IN; BARREL	EA	12		

0087103	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 7/16 IN; DIAMETER-B: 7/16 IN; MATERIAL: HTS; THREADS-A: 18BSF; THREADS-B: 18BSF; THREAD LENGTH-A: 1-1/16 IN; THREAD LENGTH-B: 0.3937 IN	EA	12		
0087104	STUD, DOUBLE ENDED: LENGTH: 1.4961 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: HTS; THREADS-A: 16BSF; THREADS-B: 16BSF; THREAD LENGTH-A: 1/2 IN; THREAD LENGTH-B: 1/2 IN; HT 0.500	EA	12		
0087105	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: STL; THREADS-A: 14BSF; THREADS-B: 14BSF; THREAD LENGTH-A: 0.7087 IN; THREAD LENGTH-B: 9/16 IN; 50 TO 60 TON TENSILE STRENGTH; FULL THREAD	EA	12		
0087106	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: BSF; THREADS-B: BSF; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 0.748 IN; HT 2.500	EA	12		
0087107	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 12BSF; THREADS-B: 12BSF; THREAD LENGTH-A: 0.9055 IN; THREAD LENGTH-B: 0.7087 IN; HT 2.500	EA	12		
0087108	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 10BSF; THREADS-B: 10BSF; THREAD LENGTH-A: 0.9055 IN; THREAD LENGTH-B: 0.9055 IN	EA	12		
0087109	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 10BSF; THREADS-B: 10BSF; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 0.9055 IN	EA	12		
0087110	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 9BSF; THREADS-B: 9BSF; THREAD LENGTH-A: 1.1417 IN; THREAD LENGTH-B: 1 IN	EA	12		
0087111	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 9BSF; THREADS-B: 9BSF; THREAD LENGTH-A: 1.4567 IN; THREAD	EA	18		

	LENGTH-B: 1.1417 IN				
0087112	STUD, ALL THREAD: DIAMETER: M4; LENGTH: 10 MM; THREAD: 0.7 MM; MATERIAL: STL	EA	12		
0087113	STUD, ALL THREAD: DIAMETER: M5; LENGTH: 65 MM; THREAD: 0.8 MM; MATERIAL: STL BRIGHT	EA	2		
0087114	STUD, DOUBLE ENDED: LENGTH: 1 IN; DIAMETER-A: 1/4 IN; DIAMETER-B: 1/4 IN; MATERIAL: HTS; THREADS-A: 20BSW; THREADS-B: 20BSW; THREAD LENGTH-A: 1/2 IN; THREAD LENGTH-B: 1/4 IN	EA	12		
0087115	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 1/4 IN; DIAMETER-B: 1/4 IN; MATERIAL: HTS; THREADS-A: 20BSW; THREADS-B: 20BSW; THREAD LENGTH-A: 1.4961 IN; THREAD LENGTH-B: 0.2756 IN	EA	12		
0087116	STUD, DOUBLE ENDED: LENGTH: 1 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 16BSW; THREADS-B: 16BSW; THREAD LENGTH-A: 0.315 IN; THREAD LENGTH- B: 0.315 IN	EA	12		
0087117	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: HTS; THREADS-A: 16BSW; THREADS-B: 16BSW; THREAD LENGTH-A: 1-3/4 IN; THREAD LENGTH- B: 3/8 IN	EA	120		
0087118	STUD, ALL THREAD: DIAMETER: 7/16 IN; LENGTH: 2 IN; THREAD: 14BSW; MATERIAL: HTS GR 60	EA	12		
0087119	STUD, DOUBLE ENDED: LENGTH: 5 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: STL; THREADS-A: 11BSW; THREADS-B: 11BSW; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 3- 1/4 IN; TYPE: TAP END; BARREL 50 TO 60 TON TENSILE STRENGTH	EA	18		
0087120	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 10BSW; THREADS-B: 10BSW; THREAD LENGTH-A: 1.0236 IN; THREAD LENGTH-B: 0.7087 IN; HT 2.500	EA	12		
0087121	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 9BSW; THREADS-B: 9BSW; THREAD	EA	12		

	LENGTH-A: 7/8 IN; THREAD LENGTH-B: 7/8 IN; HT 2.500				
0087122	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 8BSW; THREADS-B: 8BSW; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1 IN; HT 2.500	EA	12		
0087123	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 8BSW; THREADS-B: 8BSW; THREAD LENGTH- A: 1 IN; THREAD LENGTH-B: 1 IN	EA	12		
0087698	WASHER, FLAT: NOMINAL SIZE: M6; INSIDE DIAMETER: 6.2 MM; OUTER SIZE: 12.5 MM; THICKNESS: 1.6 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: BS 1449 PART 3B; REFERENCE NO: WASHFLBLKM6; APPLICABLE STANDARD TO WHICH THE GOODS SUPPLIED WAS MANUFACTURED	KG	250		
0087699	WASHER, FLAT: NOMINAL SIZE: M8; INSIDE DIAMETER: 8.6 MM; OUTER SIZE: 17 MM; THICKNESS: 1.6 MM; MATERIAL: MS BLACK; SPECIFICATION: BS 1449; GRADE 4.6	KG	25		
0088650	NUT, CAP: DIAMETER: M20; THREAD: 2.5 MM; HEIGHT: 30 MM; MATERIAL: HTS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24		
0091210	NUT, HEX: DIAMETER: 1-3/4 IN; THREAD: 7BSF; NUT HEIGHT: 1.65 IN; MATERIAL: HTS GR 40	EA	60		
0091216	NUT, HEX: DIAMETER: 1-3/4 IN; THREAD: 5BSW; NUT HEIGHT: 1-1/2 IN; MATERIAL: HTS GR 40	EA	60		
84232	Bolt spider: BOLT: DIAMETER: M33; LENGTH: 92 MM; HEAD: SPIDER; MATERIAL: HTS; THREAD: 3.5 MM; SUPPL P/N: ES-1005-32-49031-HT; SPIDER HEAD; 70MM THREAD; BODY TO BE MACHINED TO 32.80MM X 70MM LONG, TOTAL LENGTH OF BOLT TO BE 90.0MM LONG	EA	3000		
91179	(WASHER, FLAT: NOMINAL SIZE: 5/8 IN; INSIDE DIAMETER: 5/8 IN; OUTER SIZE: 1.1024 IN; THICKNESS: 0.1181 IN; MATERIAL: STL; MODEL NO: 35115-105;	EA	200		

	FOR SOOTBLOWER) Washer flat M16				
87475	WASHER, FLAT: NOMINAL SIZE: M27; INSIDE DIAMETER: 27 MM; OUTER SIZE: 50 MM; THICKNESS: 2.5 MM; MATERIAL: STL BRIGHT; SPECIFICATION: BS 1449 PART (WASHER, FLAT: NOMINAL SIZE: M27; INSIDE DIAMETER: 27 MM; OUTER SIZE: 50 MM; THICKNESS: 2.5 MM; MATERIAL: STL BRIGHT; SPECIFICATION: BS 1449 PART 3B) Washer flat M27	EA	2500		
85474	BOLT, T: DIAMETER: M20; LENGTH: 150 MM; THREAD: 2.5 MM; THREAD LENGTH: 110 MM; MATERIAL: HTS; GRADE: 8.8	EA	100		
80781	SCREW, CAP: DIAMETER: M16; LENGTH: 40 MM; THREAD: 2 MM; HEAD: SOCKET HEX; MATERIAL: HTS; GRADE: 12.9; SPECIFICATION: BS 4168-1981 PART 1; KNURLED HEAD, ISO METRIC THREAD	EA	250		
80782	SCREW, CAP: DIAMETER: M16; LENGTH: 50 MM; THREAD: 2 MM; HEAD: SOCKET HEX; MATERIAL: HTS; GRADE: 12.9; SPECIFICATION: BS 4168-1981 PAR	EA	1000		
85473	BOLT, T: DIAMETER: M16; LENGTH: 140 MM; THREAD: 2 MM; MATERIAL: HTS; GRADE: 8.8; FOR VOSA VALVES	EA	150		
82864	SPIDER HEAD: SCREW CAP:M16; LG 75 MM; 2 MM; SOCKET HEX	EA	1000		
85472	Splitterbox bolt: BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M30; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 73 MM; THREAD: 3.5 MM; NUT QUANTITY: 1; DOUBLE HEAT TREATED, WITH NUT; SPECIFICATION: DIN 931	EA	500		
80575	SCREW, CAP: DIAMETER: 3/8 IN; LENGTH: 1-1/2 IN; THREAD: 16BSW; HEAD: SOCKET HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: BS 2470- 1973 Cap screws for Airseal	EA	200		
81491	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 60 MM; HEAD STYLE: SOCKET HEX; MATERIAL: STL; POINT STYLE: CUP; GRUB grub screws	EA	300		
82083	SCREW, CAP: DIAMETER: 3/8 IN; LENGTH: 1-3/4 IN; THREAD: 20BSF;	EA	100		

	HEAD: SOCKET HEX; MATERIAL: HTS				
738121	PLUG: TYPE: BOLT NUT; SIZE: 1 IN; MATERIAL: STEEL; 5MM BY 45 DEGREES CHAMFER FACILITATING EASY INSTALLATION AND CONTRIBUTING TO A SMOOTH OPERATIONAL INTERFACE; OD OF 45MM AND LENGTH OF 32MM TAILORED TO PROVIDE A PERFECT FIT FOR SPECIFIED USES	EA	2000		

The total of the Prices

PART 3: SCOPE OF WORK

NB: Do not tamper with the template.

GENERAL

- Data books, reviews, reports, and diagrams/drawings shall be submitted to Engineering after the completion of the work.
- Engineering to forward the data books to Quality Department (Document Control)
- All QCP's to be submitted to Engineering and Quality for approval prior to outage/project or maintenance work commencement.

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1.1	Occupational Health and Safety	<ul style="list-style-type: none"> Health and safety file should be approved by Safety risk management department prior to any work commences on site All work is to be done in accordance with OHS Act 85 of 1993, Matla plant procedures and Plant Safety Regulations. (240-150642762). Matla power station SHEQ induction must be done before access to site can be granted The contractor should ensure that all employees have acquired the required competency for the task they are performing. The contractor to ensure compliance to updated legal requirements and other requirements 	Eskom to witness.	Contractor
1.2	Environmental Management.	<ul style="list-style-type: none"> All activities listed in the National Environmental Act 107 of 1998, EIA Regulations as amended, must have environmental AUTHORISATION before commencement of work. The contractor shall comply with all applicable legal and other requirements. The polluter pays principle will be applied. The contractor manager shall ensure compliance with Eskom Matla Environmental procedures to ensure the prevention of pollution (refer: OMOP 4090 and 4402). The last payment will be processed based on the status of the last housekeeping check sheet (Annexure C: OMOP 4402) of designated area. 	Eskom to witness.	Contractor

		<ul style="list-style-type: none"> EMS file based on ISO14001 will be required. 		
1.3	Quality Management	<ul style="list-style-type: none"> The contractor/executioner of work will be responsible for drawing up all QCP documentation and this must be approved by engineering and authorised by the Quality Department before commencing with the work. Contractors/executioner to adhere to QM 58 and OMOP4497 requirements Number of NCR issued can affect your next tendering process. The QCP shall be signed progressively by the Engineer/Supervisor, Eskom QC Inspector, Contractor QC Inspector and/or AIA. No procuring of outage items without the approval of scopes by quality All outage scopes creep and scopes addition should be approved by quality No contractor should be in the possession of scopes for execution without the scopes approved by quality The contractor is subjected to quality auditing at any point in time during execution of scope 	Hold point	Contractor
1.4	Inputs from other departments			
1.5	Commissioning reference			

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1.	Supply and deliver Bolts and Nuts to Matla Power Station as per specifications provided below.	Supply Original Equipment Manufacturer (OEM) data sheet or documentation where applicable on every delivery. Spares to be supplied in their original OEM packaging still sealed.	H	Supplier

BILL OF MATERIAL

Item No.	Material Number	Full description of Material/Spares/Equipment	UMC	Required Quantity
1.	0001092	BOLT, MACHINE: DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931; TYPE: ANCHOR; SUPPL P/N: M16; DOUBLE HEAT TREATED; COARSE THREAD; MEDIUM FIT; EFP BALANCE LINE ROUND FLANGE; LAC; APOOL	EA	1 200
2.	0036865	BOLT: TYPE: WEAR PLATE; DIAMETER: M20; LENGTH: 92 MM; HEAD: CSK KEYED; MATERIAL: EN9; COUNTERSUNK KEYED HEAD WITH ANTI-ROTATION PIN, MATERIAL HIGH ENSILE H10-G IN ACCORDANCE TO ESKOM DRAWING NUMBER:0.47 /53755 REV0, DRAWING AVAILABLE FROM MATLA POWER STATION	EA	24 000
3.	0036866	BOLT: TYPE: WEAR PLATE; DIAMETER: M20; LENGTH: 150 MM; HEAD: CSK KEYED; MATERIAL: EN9; COUNTERSUNK KEYED HEAD WITH ANTI-ROTATION PIN, MATERIAL HIGH TENSILE H10-G, IN ACCORDANCE TO ESKOM DRAWING NUMBER: 0.47/53754 REV 0, DRAWING AVAILABLE FROM MATLA POWER STATION	EA	24 000
4.	0039161	BOLT, MACHINE: DIAMETER: 7/8 IN; LENGTH: 5 IN; HEAD: HEX; GRADE: 8.8; MATERIAL: STL; THREAD: 9BSW; TYPE: ASH CRUSHER; MANUF P/N: 45074EAA1039EAEA; APPLICATION: TO JOIN SEGMENTS TO DRUM; ITEM 36; SPARGO BIN NO 416026; NYLOCK NUT PER BOLT; SQUARE WASHER MUST BE WELDED ON THE BOLT; ARNOT SOLE SOURCE APPROVED: WEIR MINERALS VENDOR NO: 11007742 AND WILL EXPIRE ON: 2019/02/20	EA	120
5.	0048824	BOLT, ASSEMBLY: TYPE: COUPLING; NOMINAL DIAMETER: M20; LENGTH: 98 MM; HEAD: HEX; MATERIAL: GR 8.8; THREAD LENGTH: 30 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: NYLOCK; NUT GRADE: 8.8; SPECIAL FEATURES: MACHINED BOLT; DRAWING NO: 0.47/57444 REV 0; USED ON THE INDUCED DRAUGHT FAN COMPLETE; COMPLETE WITH NYLOC NUTS, TO BE MACHINED IN ACCORDANCE TO ESKOM DRAWING AVAILABEL FROM MATLA POWER STATION; MATERIAL CERTIFICATE REQUIRED ON DELIVERY	EA	240
6.	0080733	SCREW, CAP: DIAMETER: M6; LENGTH: 50 MM; THREAD: 1 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: SABS 136-TABLE 1	EA	240
7.	0080742	SCREW, CAP: DIAMETER: M12; LENGTH: 25 MM; THREAD: 1.75 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	60
8.	0080921	SCREW, MACHINE: DIAMETER: M5; LENGTH: 40 MM; THREAD: 0.8 MM; HEAD: HEX; MATERIAL: MS; GRADE: 4.6	EA	24
9.	0081445	SCREW, MACHINE: DIAMETER: M16; LENGTH: 110 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	180
10.	0081513	SCREW, MACHINE: DIAMETER: M8; LENGTH: 25 MM; THREAD: 1.25 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	300
11.	0081522	SCREW, MACHINE: DIAMETER: M22; LENGTH: 45 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: HTS	EA	6 000
12.	0082140	SCREW, CAP: DIAMETER: M16; LENGTH: 50 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: SABS 136-TABLE 1; REFERENCE NO: 2115-5305	EA	7 200
13.	0082141	SCREW, MACHINE: DIAMETER: M27; LENGTH: 65 MM; THREAD: 3 MM; HEAD: HEX; MATERIAL: HTS	EA	7 200
14.	0082856	SCREW, MACHINE: DIAMETER: 19 MM; LENGTH: 300 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: STAINLESS STEEL; TAKE-UP CLEAN-OUT CONVEYOR	EA	36
15.	0082858	SCREW, MACHINE: DIAMETER: M10; LENGTH: 25 MM; THREAD: 1.5 MM; HEAD: HEX; MATERIAL: HTS	EA	120
16.	0082860	SCREW, CAP: DIAMETER: M12; LENGTH: 100 MM; THREAD: 1.75 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: SABS 136; COARSE THREAD; MEDIUM FIT; ISO METRIC FULL THREAD TO THE LATEST EDITION OF SABS 136	EA	3 600
17.	0082861	SCREW, CAP: DIAMETER: M16; LENGTH: 100 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: SABS 136-1985 TABLE 1; 800MPA TENSILE STRENGTH; COARSE THREAD; MEDIUM FIT; ISO METRIC FULL THREAD	EA	3 600
18.	0082862	SCREW, SET: NOMINAL THREAD DIAMETER: 23.82 MM; THREAD: 2.5 MM; THREAD LENGTH: 95 MM; HEAD STYLE: HEX; MATERIAL: HTS; SPECIFICATION: SABS136-1985 TABLE 1; 800MPA TENSILE STRENGTH; COARSE THREAD; MEDIUM FIT; ISO METRIC FULL THREAD	EA	240
19.	0082863	SCREW, MACHINE: DIAMETER: M24; LENGTH: 100 MM; THREAD: 3 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: ISO 1700-4017	EA	2 400
20.	0082865	SCREW, CAP: DIAMETER: M8; LENGTH: 100 MM; THREAD: 1.25 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; 12.9	EA	12

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

21.	0082893	SCREW, MACHINE: DIAMETER: M2.5; LENGTH: 20 MM; THREAD: 0.45 MM; HEAD: CHEESE; MATERIAL: STL	EA	120
22.	0082942	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 40 MM; HEAD STYLE: HEX; MATERIAL: HTS; WITH CAP NUT	EA	300
23.	0082944	SCREW, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 45 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; WITH CAP NUT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3 600
24.	0082945	SCREW, MACHINE: DIAMETER: M16; LENGTH: 30 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; WITH CAP NUT	EA	720
25.	0082969	SCREW, MACHINE: DIAMETER: M12; LENGTH: 140 MM; THREAD: 1.75 MM; HEAD: HEX; MATERIAL: MS; SPECIFICATION: BLK	EA	60
26.	0082979	SCREW, MACHINE: DIAMETER: M10; LENGTH: 25 MM; THREAD: 1.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	120
27.	0082982	SCREW, MACHINE: DIAMETER: M12; LENGTH: 25 MM; THREAD: 1.75 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	60
28.	0082983	SCREW, MACHINE: DIAMETER: M12; LENGTH: 40 MM; THREAD: 1.75 MM; HEAD: CSK FLAT SLOTTED; MATERIAL: STL	EA	12
29.	0082985	SCREW, MACHINE: DIAMETER: M16; LENGTH: 50 MM; THREAD: 2 MM; HEAD: CSK SLOTTED; MATERIAL: STL; END DETAIL DESCRIPTION	EA	12 000
30.	0082986	SCREW, MACHINE: DIAMETER: M16; LENGTH: 75 MM; THREAD: 2 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	384
31.	0083207	SCREW, CAP: DIAMETER: M20; LENGTH: 50 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	24
32.	0083563	BOLT, MACHINE: DIAMETER: M10; LENGTH: 15 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	144
33.	0083574	BOLT, MACHINE: DIAMETER: M10; LENGTH: 30 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	8 400
34.	0083583	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT, ISOMETRIC; SPECIFICATION: SABS135	KG	3000
35.	0083584	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; SPECIFICATION: SABS 135	KG	4000
36.	0083585	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	2 000
37.	0083588	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; SPECIFICATION: SABS 135	KG	2 800
38.	0083591	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 30 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	200
39.	0083593	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 20 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 20 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75
40.	0083594	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; PROTECTIVE COATING: BLACK; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135: 1985	KG	25
41.	0083597	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 140 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75
42.	0083598	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 45 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE:	KG	2 050

		4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135		
43.	0083599	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 33 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	2 400
44.	0083600	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 55 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	375
45.	0083601	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	725
46.	0083602	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75
47.	0083624	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 22 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	150
48.	0083625	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 30 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 27 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75
49.	0083627	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 90 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; ISO METRIC THREAD, COARSE THREAD FREE FIT, TO THE LATEST EDITION OF SABS135 AND BEARING THE SABS MARK OF APPROVAL; SPECIFICATION: SABS135	KG	7 200
50.	0083651	BOLT, MACHINE: DIAMETER: M6; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: SABS 136; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	360
51.	0083654	BOLT, MACHINE: DIAMETER: M8; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	300
52.	0083655	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 50 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	240
53.	0083656	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; SPECIFICATION: DIN 931	EA	120
54.	0083657	BOLT, ASSEMBLY: NOMINAL DIAMETER: M8; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	5
55.	0083658	BOLT, MACHINE: DIAMETER: M10; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; TYPE: HEX	EA	1 320
56.	0083659	BOLT, MACHINE: DIAMETER: M10; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; THREAD LENGTH: 48 MM; SPECIFICATION: DIN 931; PROTECTIVE COATING: BLACK	EA	480
57.	0083660	BOLT, MACHINE: DIAMETER: M10; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931	EA	12
58.	0083661	BOLT, MACHINE: DIAMETER: M10; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; THREAD LENGTH: 30 MM; SPECIFICATION: SABS 136; PROTECTIVE COATING: BLACK	EA	240
59.	0083662	BOLT, MACHINE: DIAMETER: M12; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; THREAD LENGTH: 30 MM; SPECIFICATION: DIN 931; PROTECTIVE COATING: BLACK; WITHOUT NUT	EA	1 560
60.	0083663	BOLT, MACHINE: DIAMETER: M12; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED , METRIC COARSE THREAD, MEDIUM FIT	EA	480
61.	0083664	BOLT, MACHINE: DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; THREAD LENGTH: 30 MM; SPECIFICATION: DIN 931; PROTECTIVE COATING: BLACK; TYPE: DIAPHRAGM SUSPENSION; OEM P/N: 3940-056, OEM: GE STEAM POWER SERVICE; WITHOUT NUT; FOR HP/IP/LP TURBINE	EA	780
62.	0083665	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 65 MM; THREAD: 2 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931; WITH NUTS	EA	4 800
63.	0083666	BOLT, MACHINE: DIAMETER: M12; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; TYPE: HEX;	EA	300

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		DOUBLE HEAT TREATED , COURSE THREAD		
64.	0083667	BOLT, ASSEMBLY: TYPE: HTS; NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 50 MM; THREAD: 2 MM; NUT QUANTITY: 1; SPECIFICATION: DIN931	EA	5 040
65.	0083670	BOLT, MACHINE: DIAMETER: M20; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	3 120
66.	0083674	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 57 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS; NUT GRADE: 8.8; DOUBLE HEAT TREATED, METRIC COARSE THREAD MEDIUM FIT; SPECIFICATION: SABS 136	EA	6 000
67.	0083693	BOLT, MACHINE: DIAMETER: M10; LENGTH: 25 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; THREAD LENGTH: 23 MM; SPECIFICATION: DIN 931; PROTECTIVE COATING: BLACK; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	2 400
68.	0083695	BOLT, MACHINE: DIAMETER: M12; LENGTH: 30 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; METRIC COARSE THREAD, MEDIUM FIT	EA	240
69.	0083699	BOLT, MACHINE: DIAMETER: M20; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	360
70.	0083700	BOLT, MACHINE: DIAMETER: M20; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	1 200
71.	0083701	BOLT, MACHINE: DIAMETER: M20; LENGTH: 125 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	600
72.	0083710	BOLT, MACHINE: DIAMETER: M6; LENGTH: 25 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	120
73.	0083711	BOLT, MACHINE: DIAMETER: M8; LENGTH: 25 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	600
74.	0083713	BOLT, MACHINE: DIAMETER: M20; LENGTH: 50 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; THREAD LENGTH: 45 MM; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	360
75.	0083715	BOLT, MACHINE: DIAMETER: M24; LENGTH: 120 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	300
76.	0083931	BOLT, MACHINE: DIAMETER: M36; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 4 MM; PROTECTIVE COATING: BLACK; WITHOUT NUT	KG	240
77.	0083936	BOLT, MACHINE: DIAMETER: M16; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931	EA	660
78.	0083938	BOLT, MACHINE: DIAMETER: M12; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; THREAD LENGTH: 32 MM; SPECIFICATION: SABS 136; PROTECTIVE COATING: BLACK; METRIC COARSE THREAT, MEDIUM FIT, DOUBLE HEAT TREATED	EA	600
79.	0083940	BOLT, MACHINE: DIAMETER: M10; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; TYPE: MACHINE	EA	180
80.	0083941	BOLT, MACHINE: DIAMETER: M16; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931	EA	24
81.	0083942	BOLT, MACHINE: DIAMETER: M20; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	120
82.	0083944	BOLT, MACHINE: DIAMETER: M20; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	120
83.	0083962	BOLT, MACHINE: DIAMETER: M8; LENGTH: 75 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1.25 MM	EA	600
84.	0083963	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 150 MM; HEAD: HEX; MATERIAL: STAINLESS STEEL; THREAD: 2 MM; NUT QUANTITY: 1	EA	120
85.	0083986	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 12.5 MM; MATERIAL: STL; GRADE: 10; SPECIFICATION: DIN 6915; PLATED	EA	60
86.	0084380	BOLT, ASSEMBLY: NOMINAL DIAMETER: 3/4 IN; LENGTH: 2-1/2 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 10BSW; NUT QUANTITY: 1	EA	120
87.	0084399	BOLT, MACHINE: DIAMETER: M12; LENGTH: 30 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1.75 MM	EA	180
88.	0084401	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: STAINLESS STEEL;	EA	240

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

		COARSE THREAD MEDIUM FIT; SPECIFICATION: SABS136: TABLE 11, MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT		
89.	0084410	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 2 IN; HEAD: HEX; MATERIAL: STL; THREAD: 14BSF	EA	36
90.	0084416	BOLT, ASSEMBLY: NOMINAL DIAMETER: 1/2 IN; LENGTH: 2 IN; HEAD: HEX; GRADE: 4.6; MATERIAL: HTS; THREAD: 6BSF; TYPE THREADED	EA	120
91.	0084530	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 100 MM; HEAD: HEX; GRADE: 1; MATERIAL: MS; THREAD LENGTH: 1; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: GALV; HOT DIP TO SABS763:1984, COARSE THREAD FREE FIT	EA	120
92.	0084536	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 45 MM; HEAD: HEX; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; COARSE THREADED, FREE FIT, SPECIFICATION: SABS 135	KG	700
93.	0084554	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75
94.	0084555	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	25
95.	0084557	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	125
96.	0084563	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	25
97.	0084564	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	250
98.	0084565	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	200
99.	0084567	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 27 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	25
100	0084571	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT; SPECIFICATION: SABS 135	KG	75
101	0084572	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	10 800
102	0084573	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 45 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135: 1985	KG	750
103	0084574	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	6 000
104	0084575	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 33 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1 325
105	0084576	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 35 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	450
106	0084578	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 35 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT	KG	1000

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		GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135		
107	0084582	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS BLACK; THREAD LENGTH: 35 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135, COARSE THREAD FREE FIT	KG	25
108	0084584	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	25
109	0084587	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 255 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	100
110	0084588	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 70 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT; SPECIFICATION: SABS 135	KG	2000
111	0084589	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 38 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	2 400
112	0084590	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	6 000
113	0084591	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	250
114	0084592	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT; SPECIFICATION: SABS 135	KG	1000
115	0084593	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 45 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	375
116	0084594	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 180 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	200
117	0084595	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 47 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	125
118	0084596	BOLT, MACHINE: DIAMETER: M16; LENGTH: 225 MM; HEAD: HEX; MATERIAL: MS; THREAD: 2 MM; PROTECTIVE COATING: BLACK; WITHOUT NUT	KG	25
119	0084597	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M16; LENGTH: 230 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	600
120	0084600	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 48 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	6 000
121	0084601	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	7 200
122	0084602	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 115 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 48 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	300
123	0084603	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 50 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS1 35	KG	200
124	0084605	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH:	KG	1 500

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		55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135		
125	0084606	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 55 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; NUT PROTECTIVE COATING: BLACK	KG	500
126	0084608	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 255 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 70 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	50
127	0084611	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 75 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	200
128	0084613	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 57 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; COARSE THREAD FREE FIT.; SPECIFICATION: SABS 135	KG	7 200
129	0084615	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 60 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	500
130	0084616	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 65 MM; THREAD: 3 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	1 450
131	0084617	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 180 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 65 MM; THREAD: 3 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	2 400
132	0084618	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 25 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 23 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	50
133	0084620	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 20 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	50
134	0084624	BOLT, ASSEMBLY: NOMINAL DIAMETER: M6; LENGTH: 90 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; ISO METRIC COARSE THREAD FREE FIT, TO THE LATEST EDITION OF SABS135 AND BEARING THE SABS MARK OF APPROVAL; SPECIFICATION: SABS135: 1985	KG	125
135	0084625	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 22 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	50
136	0084641	BOLT, MACHINE: DIAMETER: M30; LENGTH: 130 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; SPECIFICATION: DIN 931; SUPPL P/N: AN001MG01; DOUBLE HEAT TREATED, ACC FAN OUTPUT COUPLING HUB BOLTS, MAG	EA	60
137	0084642	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M30; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 73 MM; THREAD: 3.5 MM; NUT QUANTITY: 1; DOUBLE HEAT TREATED, WITH NUT; SPECIFICATION: DIN 931	EA	2 400
138	0084645	BOLT, MACHINE: DIAMETER: M30; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED	EA	36
139	0085371	BOLT, MACHINE: DIAMETER: 19 MM; LENGTH: 470 MM; HEAD: HEX; GRADE: 304; MATERIAL: STAINLESS STEEL; THREAD: 2.5 MM; THREAD LENGTH: 280 MM; TYPE: MILL; TAKE-UP, 10 THREADS PER INCH, 32MM	EA	2 400
140	0085407	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 60 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2 MM; NUT QUANTITY: 1	EA	60
141	0085408	SCREW: LENGTH: 75 MM; HEAD: HEX; MATERIAL: SS GR 316; WITH NUT; NOMINAL DIAMETER: M16; NUT QUANTITY: 1	EA	72
142	0085410	BOLT, MACHINE: DIAMETER: M16; LENGTH: 85 MM; HEAD: HEX; MATERIAL: STAINLESS STEEL; THREAD: 2 MM	EA	300

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143	0085411	BOLT, MACHINE: DIAMETER: M16; LENGTH: 65 MM; HEAD: HEX; MATERIAL: STAINLESS STEEL; THREAD: 2 MM	EA	1 440
144	0085412	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 50 MM; HEAD STYLE: HEX; MATERIAL: SS 316	EA	600
145	0085413	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 45 MM; HEAD STYLE: HEX; MATERIAL: SS 316	EA	360
146	0085417	BOLT: DIAMETER: M20; LENGTH: 90 MM; MATERIAL: STL; THREAD: 2.5 MM; THREAD LENGTH: 23 MM; OEM P/N: 5620-071, OEM: GE STEAM POWER SERVICE; DRAWING NO: MATLA 5620-071	EA	1 320
147	0085427	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 250 MM; MATERIAL: STL; THREAD: 2 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: GALV; HALF CUP SQUARE, FOR VIKING JOHNSON COUPLING	EA	60
148	0085429	BOLT, MACHINE: DIAMETER: M10; LENGTH: 70 MM; HEAD: HEX; MATERIAL: HTS; THREAD: 1.5 MM	EA	240
149	0085431	BOLT, MACHINE: DIAMETER: M33; LENGTH: 120 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; SPECIFICATION: DIN 931	EA	2 400
150	0085432	BOLT, MACHINE: DIAMETER: M22; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 316; WITHOUT NUT	EA	1 200
151	0085436	BOLT, MACHINE: DIAMETER: 7/8 IN; LENGTH: 4 IN; HEAD: SQ; GRADE: 8.8; MATERIAL: HTS; THREAD: 9BSW	EA	720
152	0085438	BOLT, MACHINE: DIAMETER: M30; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 3.5 MM; PROTECTIVE COATING: BLACK	KG	3 600
153	0085439	BOLT, MACHINE: DIAMETER: M33; LENGTH: 110 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; THREAD LENGTH: 80 MM; SPECIFICATION: DIN 931; WITHOUT NUT, 1 KILOGRAM = 1 EACH	KG	50
154	0085440	BOLT, MACHINE: DIAMETER: M24; LENGTH: 275 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; THREAD LENGTH: 75 MM; SPECIFICATION: DIN 931	EA	2 400
155	0085441	BOLT, MACHINE: DIAMETER: M16; LENGTH: 45 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; USED ON STATOR COOLER	EA	300
156	0085442	BOLT, MACHINE: DIAMETER: M27; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD: 3 MM; THREAD LENGTH: 60 MM; PROTECTIVE COATING: BLACK	EA	840
157	0085457	BOLT, MACHINE: DIAMETER: M24; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; TYPE: LP1, 2 SHAFT GLAND; OEM P/N: 2880-018, OEM: GE STEAM POWER SERVICE; DRAWING NO: 2880-018 REV 0; FOR LP TURBINE	EA	600
158	0085463	SCREW, MACHINE: DIAMETER: M16; LENGTH: 75 MM; THREAD: 2 MM; HEAD: CSK FLAT SLOTTED; MATERIAL: STL	EA	1 200
159	0085464	BOLT, MACHINE: DIAMETER: M10; LENGTH: 50 MM; HEAD: HEX; MATERIAL: ALUMINIUM; THREAD: 1.5 MM	EA	1 200
160	0085467	BOLT, MACHINE: DIAMETER: M30; LENGTH: 315 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; SPECIFICATION: DIN 931	EA	120
161	0085468	BOLT, MACHINE: DIAMETER: M12; LENGTH: 75 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1.75 MM	EA	30
162	0085470	BOLT, MACHINE: DIAMETER: M30; LENGTH: 120 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	1 560
163	0085477	BOLT, T: DIAMETER: M16; LENGTH: 100 MM; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: DIN 931	EA	480
164	0085483	SCREW, MACHINE: DIAMETER: M10; LENGTH: 40 MM; THREAD: 1.5 MM; HEAD: CSK FLAT SLOTTED; MATERIAL: SS GR 304; GDE 30.4	EA	72
165	0085485	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 35 MM; HEAD STYLE: HEX; MATERIAL: STL; SPECIFICATION: DIN931; DOUBLE HEAT TREATED; WITHOUT NUT; GRADE: 8.8	EA	480
166	0085489	BOLT, MACHINE: DIAMETER: M16; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	60
167	0085491	SCREW, SET: NOMINAL THREAD DIAMETER: M20; THREAD: 2.5 MM; THREAD LENGTH: 40 MM; HEAD STYLE: HEX; MATERIAL: HTS; SPECIFICATION: DIN931; PROTECTIVE COATING: BLK; GRADE 8.8	EA	6 000
168	0085492	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 55 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 45 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS; PROTECTIVE COATING: BLACK; DOUBLE HEAT TREATED	EA	360
169	0085493	BOLT, MACHINE: DIAMETER: M20; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931	EA	120

SUPPLY AND DELIVERY OF BOLTS, NUTS AND WASHERS FOR A PERIOD OF FIVE (5) YEARS ON AS AND REQUIRED BASIS AT MATLA POWER STATION

170	0085496	BOLT, MACHINE: DIAMETER: M12; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931	EA	360
171	0085498	BOLT, MACHINE: DIAMETER: M12; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931	EA	60
172	0085508	BOLT, MACHINE: DIAMETER: 1-1/4 IN; LENGTH: 5 IN; HEAD: HEX; MATERIAL: STL BRIGHT; THREAD: 7BSW	EA	24
173	0085541	BOLT, MACHINE: DIAMETER: M16; LENGTH: 100 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2 MM; SPECIFICATION: SABS 136; COARSE THREAD MEDIUM FIT, MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT	EA	2 400
174	0085621	BOLT: DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2.5 MM; SPECIFICATION: SABS 136; MATERIAL CERTIFICATE TO BE SUPPLIED WITH EVERY CONSIGNMENT	EA	240
175	0085651	BOLT, MACHINE: DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2.5 MM; SPECIFICATION: SABS 136	EA	300
176	0086596	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 9BSW; THREADS-B: 9BSW; THREAD LENGTH-A: 1.187 IN; THREAD LENGTH-B: 7/8 IN	EA	12
177	0086620	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 1/2-IN-BSF; THREADS-B: 1/2-IN-BSF; THREAD LENGTH-A: 1.596 IN; THREAD LENGTH-B: 0.66 IN; SPECIFICATION: BS 2693; GRADE: 4.6; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; BARREL	EA	120
178	0086622	STUD, DOUBLE ENDED: LENGTH: 3-1/2 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 9BSW; THREADS-B: 9BSW; THREAD LENGTH-A: 1.6929 IN; THREAD LENGTH-B: 7/8 IN; 3.500	EA	18
179	0086625	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: STL; THREADS-A: 14BSF; THREADS-B: 14BSF; THREAD LENGTH-A: 1-1/4 IN; THREAD LENGTH-B: 5/8 IN; (28TONS TS) 11TPI BSF THD; 0.625IN.THD ONE END 1.250IN THD OTHER END	EA	60
180	0086638	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: STL; THREADS-A: 11BSW; THREADS-B: 11BSW; THREAD LENGTH-A: 1-3/4 IN; THREAD LENGTH-B: 5/8 IN; REFERENCE NO: 3X5-8INBSWHT; 50 TO 60 TON TENSILE STRENGTH; FULL THREAD	EA	12
181	0086647	STUD, DOUBLE ENDED: LENGTH: 150 MM; DIAMETER-A: M24; DIAMETER-B: M24; MATERIAL: HTS; THREADS-A: 3 MM; THREADS-B: 3 MM; THREAD LENGTH-A: 54 MM; THREAD LENGTH-B: 54 MM; WITH NUT	EA	12
182	0087082	STUD, ASSEMBLY: DIAMETER: M30; THREAD: 3.5 MM; LENGTH: 150 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS60; HEXAGON; FULL THREAD	EA	12
183	0087088	STUD, DOUBLE ENDED: LENGTH: 44 MM; DIAMETER-A: M12; DIAMETER-B: M12; MATERIAL: HTS; THREADS-A: 1.75 MM; THREADS-B: 1.75 MM; THREAD LENGTH-A: 16.5 MM; THREAD LENGTH-B: 16.5 MM; GRADE: 8.8	EA	60
184	0087515	WASHER, LOCK: INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 24.3 MM; THICKNESS: 3.6 MM; NOMINAL SIZE: M16; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT	EA	4 800
185	0087516	WASHER, LOCK: INSIDE DIAMETER: 21 MM; OUTSIDE DIAMETER: 30.5 MM; THICKNESS: 4.3 MM; NOMINAL SIZE: M20; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT; GRADE 4.6	EA	840
186	0087518	WASHER, LOCK: INSIDE DIAMETER: 25 MM; OUTSIDE DIAMETER: 35.7 MM; THICKNESS: 4.8 MM; NOMINAL SIZE: M24; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT	EA	1 320
187	0087520	WASHER, LOCK: INSIDE DIAMETER: 31.5 MM; OUTSIDE DIAMETER: 43.9 MM; THICKNESS: 5.8 MM; NOMINAL SIZE: M30; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT; GRADE: 4.6	EA	2 400
188	0087634	NUT, HEX: DIAMETER: M6; THREAD: 1 MM; NUT HEIGHT: 5 MM; MATERIAL: MS BLACK; GRADE: 4.8; SPECIFICATION: SABS 1143-1977	KG	75
189	0087635	NUT, HEX: DIAMETER: M8; THREAD: 1.25 MM; NUT HEIGHT: 6.3 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	75
190	0087636	NUT, HEX: DIAMETER: M10; THREAD: 1.5 MM; NUT HEIGHT: 8 MM; MATERIAL: MS BLACK; GRADE: 4.8; SPECIFICATION: SABS 1143	KG	75
191	0087637	NUT, HEX: DIAMETER: M12; THREAD: 1.75 MM; NUT HEIGHT: 10 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	125
192	0087638	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 13 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143	KG	2 400
193	0087639	NUT, HEX: DIAMETER: M20; THREAD: 2.5 MM; NUT HEIGHT: 15.5 MM; MATERIAL: MS BLACK; GRADE: 4.6	KG	2 400
194	0087640	NUT, HEX: DIAMETER: M24; THREAD: 3 MM; NUT HEIGHT: 18 MM; MATERIAL: MS BLACK; SPECIFICATION: SABS 1143	KG	2000

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195	0087641	NUT, HEX: DIAMETER: M30; THREAD: 3.5 MM; NUT HEIGHT: 24 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: SABS 1143-1977	KG	125
196	0087660	NUT, HEX: DIAMETER: M8; THREAD: 1.25 MM; NUT HEIGHT: 6 MM; MATERIAL: HTS GR 40; GRADE: 8.8; SPECIFICATION: DIN 934	EA	180
197	0087661	NUT, HEX: DIAMETER: M10; THREAD: 1.5 MM; NUT HEIGHT: 8 MM; MATERIAL: HTS; GRADE: 8.8; DIN931; DOUBLE CHAMFERED; COARSE THRD; MEDIUM FIT; QUENCHED AND TEMPERED	EA	612
198	0087662	NUT, HEX: DIAMETER: M12; THREAD: 1.75 MM; NUT HEIGHT: 10 MM; MATERIAL: HTS; GRADE: 8.8	EA	1 200
199	0087663	NUT, HEX: DIAMETER: M6; THREAD: 1 MM; NUT HEIGHT: 5 MM; MATERIAL: HTS; GRADE: 8.8; DIN931; DOUBLE CHAMFERED; COURSE THREAD MEDIUM FIT	EA	240
200	0087679	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 12.5 MM; MATERIAL: HTS; GRADE: 8; SPECIFICATION: SABS 136	EA	1 800
201	0087681	NUT, HEX: DIAMETER: M20; THREAD: 2.5 MM; NUT HEIGHT: 17 MM; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: DIN 934	EA	1 200
202	0087700	WASHER, FLAT: NOMINAL SIZE: M10; INSIDE DIAMETER: 12 MM; OUTER SIZE: 21 MM; THICKNESS: 2 MM; MATERIAL: STL; SPECIFICATION: SABS 4320-1968 TABLE 3 FORM E	KG	250
203	0087701	WASHER, FLAT: NOMINAL SIZE: M12; INSIDE DIAMETER: 13.5 MM; OUTER SIZE: 24 MM; THICKNESS: 2.5 MM; MATERIAL: MS BLACK; SPECIFICATION: BS 1449 PART 3B	KG	500
204	0087702	WASHER, FLAT: NOMINAL SIZE: M16; INSIDE DIAMETER: 17 MM; OUTER SIZE: 35 MM; THICKNESS: 3 MM; MATERIAL: MS BLACK	KG	750
205	0087703	WASHER, FLAT: NOMINAL SIZE: M20; INSIDE DIAMETER: 21 MM; OUTER SIZE: 37 MM; THICKNESS: 3 MM; MATERIAL: MS BLACK BS 1449PT3B	KG	9 600
206	0087704	WASHER, FLAT: NOMINAL SIZE: M24; INSIDE DIAMETER: 25 MM; OUTER SIZE: 44 MM; THICKNESS: 4.5 MM; MATERIAL: MILD STEEL	KG	6 000
207	0088894	NUT, HEX: DIAMETER: M36; THREAD: 4 MM; NUT HEIGHT: 29 MM; MATERIAL: MS BLACK; REFERENCE NO: M36	KG	125
208	0089266	NUT, HEX: DIAMETER: M33; THREAD: 3.5 MM; NUT HEIGHT: 25 MM; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: DIN 931	EA	8 400
209	0089519	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 12.5 MM; MATERIAL: STAINLESS STEEL; GRADE: 316; SPECIFICATION: SABS 136; OEM P/N: 5160-250, OEM: GE STEAM POWER SERVICE	EA	312
210	0089621	NUT, HEX: DIAMETER: M24; THREAD: 3 MM; NUT HEIGHT: 19 MM; MATERIAL: HTS; GRADE: 8.8	EA	660
211	0089623	NUT, HEX: DIAMETER: M30; THREAD: 3.5 MM; NUT HEIGHT: 22 MM; MATERIAL: HTS; GRADE: 8.8; SUPPL P/N: M30; ACC FAN OUTPUT COUPLING HUB BOLT NUTS	EA	264
212	0089751	NUT, HEX: DIAMETER: M27; THREAD: 3 MM; NUT HEIGHT: 21 MM; MATERIAL: MS BLACK	KG	500
213	0091061	WASHER, LOCK: INSIDE DIAMETER: 36 MM; OUTSIDE DIAMETER: 55 MM; THICKNESS: 7.5 MM; MATERIAL: STL; TYPE: HELICAL SPRING; SIZE 50MM O.D	EA	10 800
214	0091202	WASHER, FLAT: NOMINAL SIZE: 33 MM; INSIDE DIAMETER: 33 MM; OUTER SIZE: 66 MM; THICKNESS: 5 MM; MATERIAL: MS	KG	125
215	0091209	NUT, HEX: DIAMETER: 1-1/2 IN; THREAD: 16BSF; NUT HEIGHT: 1.34 IN; MATERIAL: HTS GR 40; END DETAIL DESCRIPTION	EA	4
216	0091867	NUT, HEX: DIAMETER: M27; THREAD: 3 MM; NUT HEIGHT: 21 MM; MATERIAL: HTS GR 40; GRADE: 8	EA	1 680
217	0219343	BOLT, MACHINE: DIAMETER: M24; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 3 MM; SPECIFICATION: DIN 931	EA	72
218	0237154	WASHER, LOCK: INSIDE DIAMETER: 36 MM; THICKNESS: 1.6 MM; MATERIAL: MS GR EN3; TYPE: MILL; DRAWING NO: ESKOM 0.47/53744 REV 1; SPIDER HEAD SPECTACLE LOCKING PLATE; DRAWING AVAILABLE FROM MATLA POWER STATION	EA	300
219	0244048	BOLT: TYPE: MILL GEARBOX OUTPUT COUPLING TO MILL YOKE; DIAMETER: M72; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: CS; THREAD LENGTH: 80 MM; RH P4	EA	840
220	0244049	BOLT: TYPE: MILL GEARBOX; DIAMETER: M64; LENGTH: 220 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: CS; THREAD: 6 MM; THREAD LENGTH: 100 MM	EA	240
221	0555270	BOLT, ASSEMBLY: TYPE: COUPLING; NOMINAL DIAMETER: 16 MM; LENGTH: 84.74 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; NUT QUANTITY: 1; NUT GRADE: 8.8; DRAWING NO: 0.47/57445 REV 1; REFERENCE NO: TYPE A; USED ON FORCED DRAUGHT FAN; COMPLETE WITH NYLOC NUTS; PROTECTIVE COATING REQUIRED ON BOLTS; DRAWING AVAILABLE AT MATLA POWER STATION; MATERIAL CERTIFICATE REQUIRED ON DELIVERY; IN	EA	150

ESKOM HOLDINGS SOC Ltd
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CONTRACT NUMBER _____

		ACCORDANCE TO ESKOM		
222	0555271	BOLT, ASSEMBLY: TYPE: COUPLING; NOMINAL DIAMETER: 14 MM; LENGTH: 74 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; NUT QUANTITY: 1; NUT MATERIAL: NYLOCK; NUT GRADE: 8.8; DRAWING NO: 0.47/57466 REV 0; USED FOR PRIMARY AIR FAN; COMPLETE WITH NYLOC NUTS PROTECTIVE COATING REQUIRED FOR BOLTS; DRAWING AVAILABLE FROM MATLA POWER STATION; MATERIAL CERTIFICATE REQUIRED ON DELIVERY; IN ACCORDANCE TO ESKOM DRAWING	EA	132
223	0648297	SCREW, SET: NOMINAL THREAD DIAMETER: M30; THREAD: METRIC; THREAD LENGTH: 90 MM; HEAD STYLE: HEX; MATERIAL: HTS GR 8.8	KG	2475
224	0080548	SCREW, SET: NOMINAL THREAD DIAMETER: 5/8 IN; THREAD: 11BSW; THREAD LENGTH: 2-1/2 IN; HEAD STYLE: HEX; MATERIAL: HTS GR 8.8; POINT STYLE: FLAT; SPECIFICATION: DIN558	EA	48
225	0080560	SCREW, CAP: DIAMETER: 1 IN; LENGTH: 2 IN; THREAD: 8BSW; HEAD: HEX; MATERIAL: STL; GRADE: 4.6; SPECIFICATION: DIN 558	EA	48
226	0080737	SCREW, SET: NOMINAL THREAD DIAMETER: M8; THREAD: 1.25 MM; THREAD LENGTH: 50 MM; HEAD STYLE: HEX; MATERIAL: HTS; POINT STYLE: FLAT; SPECIFICATION: SABS136-1985 TABLE 1; GRADE 8.8, 800MPA TENSILE STRENGTH	EA	60
227	0080746	SCREW, SET: NOMINAL THREAD DIAMETER: M12; THREAD: 1.75 MM; THREAD LENGTH: 50 MM; HEAD STYLE: HEX; MATERIAL: HTS; POINT STYLE: FLAT; SPECIFICATION: DIN931; COURSE THREAD; MEDIUM FIT; GRADE: 8.8	EA	60
228	0081420	SCREW, MACHINE: DIAMETER: M22; LENGTH: 50 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: MS	EA	1 200
229	0082102	SCREW, MACHINE: DIAMETER: M20; LENGTH: 40 MM; THREAD: 2.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL; ST	EA	1 200
230	0082138	SCREW, MACHINE: DIAMETER: M3.5; LENGTH: 30 MM; THREAD: 0.45 MM; HEAD: PAN SLOTTED; MATERIAL: STL; ST	EA	1 200
231	0082165	SCREW, MACHINE: DIAMETER: M20; LENGTH: 95 MM; THREAD: 2.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	1 200
232	0082859	SCREW, MACHINE: DIAMETER: M10; LENGTH: 50 MM; THREAD: 1.5 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	1 200
233	0082866	SCREW, MACHINE: DIAMETER: M12; LENGTH: 75 MM; THREAD: 1.75 MM; HEAD: HEX; MATERIAL: HTS	EA	600
234	0082895	SCREW, MACHINE: DIAMETER: 1 IN; LENGTH: 3 IN; THREAD: 8BSW; HEAD: HEX; MATERIAL: HTS	EA	48
235	0082898	SCREW, MACHINE: DIAMETER: M20; LENGTH: 130 MM; THREAD: 2.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	1 200
236	0082934	SCREW, MACHINE: DIAMETER: M8; LENGTH: 50 MM; THREAD: 1.25 MM; HEAD: HEX; MATERIAL: SS GR 316	EA	720
237	0082943	SCREW, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 40 MM; THREAD: 2 MM; HEAD: HEX; MATERIAL: HTS; NUT QUANTITY: 1; COMPLETE WITH CAP NUT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	12
238	0082951	SCREW, MACHINE: DIAMETER: 15/16 IN; LENGTH: 5/8 IN; THREAD: BSFT; HEAD: HEX; MATERIAL: HTS; THREADS: 0.394 IN	EA	12
239	0082953	SCREW, CAP: DIAMETER: 1/4 IN; LENGTH: 3/8 IN; THREAD: BSF; HEAD: CSK SOCKET HEX; MATERIAL: MS; FLAT POINT, THREADS 0.394 IN	EA	24
240	0082955	SCREW, MACHINE: DIAMETER: 1/2 IN; LENGTH: 1 IN; THREAD: BSFT; HEAD: CSK SLOTTED; MATERIAL: STL; THREADS 0.4137 IN	EA	12
241	0082959	SCREW, CAP: DIAMETER: 5/8 IN; LENGTH: 2 IN; THREAD: BSFT; HEAD: CSK SOCKET; MATERIAL: MS; GRADE: 9.8; FLAT POINT; THREADS 0.4216 IN	EA	24
242	0082980	SCREW, MACHINE: DIAMETER: M10; LENGTH: 40 MM; THREAD: 1.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	12
243	0082981	SCREW, MACHINE: DIAMETER: M10; LENGTH: 50 MM; THREAD: 1.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	12
244	0082984	SCREW, MACHINE: DIAMETER: M12; LENGTH: 50 MM; THREAD: 1.75 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	12
245	0082998	SCREW, MACHINE: DIAMETER: M18; LENGTH: 40 MM; THREAD: 2.5 MM; HEAD: CSK SLOTTED; MATERIAL: STL	EA	12
246	0083154	SCREW, CAP: DIAMETER: M24; LENGTH: 50 MM; THREAD: 3 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8	EA	24
247	0083575	BOLT, MACHINE: DIAMETER: M10; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931	EA	24

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248	0083595	BOLT, ASSEMBLY: NOMINAL DIAMETER: M10; LENGTH: 180 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD: 1.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75
249	0083596	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: MS; THREAD LENGTH: 35 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75
250	0083623	BOLT, MACHINE: DIAMETER: M16; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, METRIC COARSE THREAD MEDIUM FIT	EA	60
251	0083650	BOLT, MACHINE: DIAMETER: M6; LENGTH: 40 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS DOUBLE HEAT TREATED; THREAD: 0.5 MM; COLOR: BLACK; SPECIFICATION: DIN 931; COARSE, MEDIUM FIT	EA	24
252	0083652	BOLT, MACHINE: DIAMETER: M6; LENGTH: 65 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED COARSE THREAD, MEDIUM FIT	EA	24
253	0083653	BOLT, MACHINE: DIAMETER: M6; LENGTH: 70 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	24
254	0083672	BOLT, MACHINE: DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM; SPECIFICATION: DIN 931; COARSE THREAD, MEDIUM FIT, DOUBLE HEAT TREATED	EA	60
255	0083694	BOLT, ASSEMBLY: NOMINAL DIAMETER: M10; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; NUT QUANTITY: 1; DOUBLE HEAT TREATED, COARSE THREAD, MEDIUM FIT	EA	24
256	0083696	BOLT, MACHINE: DIAMETER: M12; LENGTH: 125 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	18
257	0083933	BOLT, MACHINE: DIAMETER: M10; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	24
258	0083934	BOLT, MACHINE: DIAMETER: M10; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED	EA	24
259	0083937	BOLT, MACHINE: DIAMETER: M12; LENGTH: 200 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, METRIC COARSE THREAD, MEDIUM FIT	EA	18
260	0083939	BOLT, MACHINE: DIAMETER: M12; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED	EA	30
261	0083964	BOLT, ASSEMBLY: NOMINAL DIAMETER: M20; LENGTH: 50 MM; HEAD: HEX; GRADE: 316; MATERIAL: STAINLESS STEEL; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT/WASHER	EA	30
262	0083965	BOLT, ASSEMBLY: NOMINAL DIAMETER: M16; LENGTH: 50 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 2 MM; NUT QUANTITY: 1; WASHER	EA	30
263	0083985	BOLT, MACHINE: DIAMETER: M8; LENGTH: 16 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.25 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED, WITHOUT NUT	EA	30
264	0084551	BOLT, ASSEMBLY: NOMINAL DIAMETER: M6; LENGTH: 140 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SABS135/DIN555	KG	50
265	0084552	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75
266	0084556	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M8; LENGTH: 65 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 25 MM; THREAD: 1.25 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	125
267	0084561	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 40 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75
268	0084566	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 90 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	25
269	0084569	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH:	KG	75

		32 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135		
270	0084570	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 150 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 28 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS 135	KG	75
271	0084579	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 115 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	125
272	0084580	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 125 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75
273	0084581	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 140 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	75
274	0084585	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 200 MM; HEAD: HEX; GRADE: 4.6 MM; MATERIAL: MS; THREAD LENGTH: 40 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION SABS135	KG	75
275	0084586	BOLT, ASSEMBLY: NOMINAL DIAMETER: M12; LENGTH: 230 MM; HEAD: HEX; MATERIAL: MS; THREAD: 1.75 MM; NUT QUANTITY: 1; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS135	KG	75
276	0084623	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M6; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 20 MM; THREAD: 1 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	KG	25
277	0085430	BOLT, MACHINE: DIAMETER: M10; LENGTH: 60 MM; HEAD: HEX; MATERIAL: HTS; THREAD: 1.5 MM; PROTECTIVE COATING: CR PLTD	EA	24
278	0085447	BOLT, MACHINE: DIAMETER: M24; LENGTH: 265 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3 MM; SPECIFICATION: DIN 931; WITHOUT NUT	EA	144
279	0085448	BOLT, MACHINE: DIAMETER: M39; LENGTH: 150 MM; HEAD: HEX; MATERIAL: HTS; THREAD: 4 MM; WITHOUT NUT	EA	144
280	0085469	BOLT, MACHINE: DIAMETER: M6; LENGTH: 80 MM; HEAD: HEX; MATERIAL: SS GR 316; THREAD: 1 MM	EA	144
281	0085478	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 1-3/4 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 14BSF	EA	144
282	0085479	BOLT, MACHINE: DIAMETER: 3/8 IN; LENGTH: 1-1/4 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 20BSF	EA	144
283	0085480	BOLT, MACHINE: DIAMETER: 1/2 IN; LENGTH: 2-1/2 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 16BSF	EA	144
284	0085484	BOLT, MACHINE: DIAMETER: M33; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 3.5 MM	EA	144
285	0085486	SCREW, MACHINE: DIAMETER: 3/4 IN; LENGTH: 1 IN; THREAD: 10BSW; HEAD: CSK FLAT SLOTTED; MATERIAL: STL	EA	12
286	0085490	BOLT, MACHINE: DIAMETER: M16; LENGTH: 255 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2 MM; SPECIFICATION: DIN 931	EA	120
287	0085494	BOLT, MACHINE: DIAMETER: M10; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.5 MM; SPECIFICATION: DIN 931	EA	144
288	0085497	BOLT, MACHINE: DIAMETER: M12; LENGTH: 115 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	144
289	0085499	BOLT, MACHINE: DIAMETER: M12; LENGTH: 180 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931	EA	144
290	0085500	BOLT, MACHINE: DIAMETER: M12; LENGTH: 230 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1.75 MM; SPECIFICATION: DIN 931	EA	144
291	0085501	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 1.5 MM; THREAD LENGTH: 25 MM; HEAD STYLE: HEX; MATERIAL: HTS; SPECIFICATION: DIN931; GRADE: 8.8	EA	60
292	0085502	BOLT, J: DIAMETER: M6; LENGTH: 160 MM; THREAD LENGTH: 40 MM; THREAD: 1 MM; MATERIAL: STL; PROTECTIVE COATING: GALV; HOOK, COMPLETE WITH NUT	EA	12
293	0085503	BOLT, MACHINE: DIAMETER: M6; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931	EA	144
294	0085504	BOLT, MACHINE: DIAMETER: M6; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931	EA	144

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295	0085505	BOLT, MACHINE: DIAMETER: M6; LENGTH: 140 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931; DOUBLE HEAT TREATED; WITHOUT NUT	EA	144
296	0085506	BOLT, MACHINE: DIAMETER: M6; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 1 MM; SPECIFICATION: DIN 931	EA	144
297	0085507	BOLT, MACHINE: DIAMETER: 5/8 IN; LENGTH: 4 IN; HEAD: HEX; MATERIAL: MS BRIGHT; THREAD: 14BSF	EA	120
298	0085741	STUD, DOUBLE ENDED: LENGTH: 1-1/2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: STL; THREADS-A: 16BSW; THREADS-B: 16BSW; THREAD LENGTH-A: 3/8 IN; THREAD LENGTH-B: 7/8 IN; SPECIFICATION: BS 2693; GRADE: 4.6	EA	12
299	0085742	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: STL; THREADS-A: 16BSW; THREADS-B: 16BSW; THREAD LENGTH-A: 3/8 IN; THREAD LENGTH-B: 1-1/4 IN; TYPE: TAP END; SPECIFICATION: BS 2693; 28 TON TENSILE STRENGTH	EA	12
300	0086272	STUD, ALL THREAD: DIAMETER: 7/8 IN; LENGTH: 1-1/4 IN; THREAD: 12BSF; MATERIAL: STL; 1.250	EA	12
301	0086579	STUD, DOUBLE ENDED: LENGTH: 3-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1 IN; SPECIFICATION: BS 2693; GRADE: 4.6; EACH COMPLETE WITH TWO NUTS, MINIMUM TENSILE STRENGTH OF 55 TON	EA	12
302	0086593	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 5/8 IN; THREADS-B: 5/8 IN; THREAD LENGTH-A: 1-3/4 IN; THREAD LENGTH-B: 7/8 IN; SPECIFICATION: BS 2693; GRADE: 4.6; REFERENCE NO: 0.57-815; BARREL	EA	12
303	0086595	STUD, DOUBLE ENDED: LENGTH: 1-1/2 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: HTS; THREADS-A: 16BSF; THREADS-B: 16BSF; THREAD LENGTH-A: 3/4 IN; THREAD LENGTH-B: 1/2 IN; REFERENCE NO: 1 1-2X1-2INBSWHT; HT 1.500	EA	12
304	0086599	STUD, DOUBLE ENDED: LENGTH: 3-1/2 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 12BSF; THREADS-B: 12BSF; THREAD LENGTH-A: 1-1/2 IN; THREAD LENGTH-B: 7/8 IN; TYPE: BARREL; SPECIFICATION: BS 2693 GR F65; WITH TWO NUTS, 50 - 60 TON TENSILE STRENGTH	EA	12
305	0086600	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: HTS; THREADS-A: 16BSF; THREADS-B: 16BSF; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1/2 IN; TYPE: TAP END; SPECIFICATION: BS 2693; GRADE: 4.6; 50 TO 60 TON TENSILE STRENGTH	EA	12
306	0086601	STUD, ALL THREAD: DIAMETER: 1/2 IN; LENGTH: 3 IN; THREAD: 16BSF; MATERIAL: HTS; 50 TO 60 TON TENSILE STRENGTH	EA	12
307	0086602	STUD, DOUBLE ENDED: LENGTH: 1-1/2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: HTS; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 3/4 IN; THREAD LENGTH-B: 3/8 IN; HT 1.500	EA	12
308	0086604	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 1.7717 IN; THREAD LENGTH-B: 0.315 IN	EA	24
309	0086605	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: MS; THREADS-A: 14BSF; THREADS-B: 14BSF; THREAD LENGTH-A: 3/4 IN; THREAD LENGTH-B: 1-3/4 IN; TYPE: BARREL; SPECIFICATION: BS 2693; GRADE: 4.6	EA	12
310	0086617	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: HTS; THREADS-A: 16BSF; THREADS-B: 16BSF; THREAD LENGTH-A: 1-5/8 IN; THREAD LENGTH-B: 1/2 IN; SOLE SOURCE: CLYDE BERGEMANN AFRICA PTY LTD; BARREL	EA	12
311	0086619	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 12BSF; THREADS-B: 12BSF; THREAD LENGTH-A: 2-3/8 IN; THREAD LENGTH-B: 7/8 IN	EA	18
312	0086623	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: STL; THREADS-A: 12BSW; THREADS-B: 12BSW; THREAD LENGTH-A: 1-1/16 IN; THREAD LENGTH-B: 1/2 IN; TYPE: TAP END; BARREL 50 TO 60 TON TENSILE STRENGTH	EA	12
313	0086646	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 10BSF; THREADS-B: 10BSF; THREAD LENGTH-A: 2 IN; THREAD LENGTH-B: 1 IN; THICK	EA	18
314	0086842	STUD, ALL THREAD: DIAMETER: 1/2 IN; LENGTH: 3 IN; THREAD: 12BSW; MATERIAL: STL	EA	12
315	0086846	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 10BSW; THREADS-B: 10BSW; THREAD LENGTH-A: 3/4 IN; THREAD LENGTH-B: 1-1/2 IN; TYPE: TAP END; BARREL; 50 TO	EA	12

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		60 TON TENSILE STRENGTH		
316	0086847	STUD, DOUBLE ENDED: LENGTH: 3-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 10BSW; THREADS-B: 10BSW; THREAD LENGTH-A: 2.0079 IN; THREAD LENGTH-B: 0.6693 IN	EA	12
317	0086850	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 9BSW; THREADS-B: 9BSW; THREAD LENGTH-A: 1.5748 IN; THREAD LENGTH-B: 7/8 IN; COMPLETE WITH TWO HEXAGON NUTS	EA	12
318	0087083	STUD, ASSEMBLY: DIAMETER: M16; THREAD: 2 MM; LENGTH: 100 MM; STUD MATERIAL: SS GR 316; NUT QUANTITY: 1; NUT MATERIAL: BRASS; THREAD LENGTH: 30 X 20 MM; DOUBLE ENDED	EA	12
319	0087084	STUD, ALL THREAD: DIAMETER: 1/2 IN; LENGTH: 9-7/8 IN; THREAD: 16BSF; MATERIAL: HTS; GRADE: 8.8; NOTE: MUST BE 16 THREADS PER INCH; FOR USE ON SOOTBLOWER	EA	3
320	0087087	STUD, ALL THREAD: DIAMETER: 12.5 MM; LENGTH: 127 MM; THREAD: 1.5 MM; MATERIAL: STL; SUPPL P/N: 516; FIG NO: 7869; REFERENCE NO: 34173-102; CHAIN TENSIONER FOR HOPKINSON SOOTBLOWERS.	EA	12
321	0087091	STUD, DOUBLE ENDED: LENGTH: 5 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 9BSF; THREADS-B: 9BSF; THREAD LENGTH-A: 2.4803 IN; THREAD LENGTH-B: 1.1417 IN	EA	18
322	0087092	STUD, DOUBLE ENDED: LENGTH: 5-1/4 IN; DIAMETER-A: 1-1/2 IN; DIAMETER-B: 1-1/2 IN; MATERIAL: STL; THREADS-A: 8BSF; THREADS-B: 8BSF; THREAD LENGTH-A: 2.3622 IN; THREAD LENGTH-B: 1.378 IN; HT 5.250	EA	18
323	0087094	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 7BSW; THREADS-B: 7BSW; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1 IN	EA	12
324	0087095	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 7BSW; THREADS-B: 7BSW; THREAD LENGTH-A: 1.4567 IN; THREAD LENGTH-B: 1.1417 IN	EA	18
325	0087096	STUD, DOUBLE ENDED: LENGTH: 5 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 7BSW; THREADS-B: 7BSW; THREAD LENGTH-A: 2.5197 IN; THREAD LENGTH-B: 1.2992 IN	EA	18
326	0087097	STUD, DOUBLE ENDED: LENGTH: 5-1/4 IN; DIAMETER-A: 1-1/2 IN; DIAMETER-B: 1-1/2 IN; MATERIAL: HTS; THREADS-A: 6BSW; THREADS-B: 6BSW; THREAD LENGTH-A: 2.4803 IN; THREAD LENGTH-B: 1.2992 IN; HT 5.250	EA	18
327	0087098	STUD, DOUBLE ENDED: LENGTH: 6 IN; DIAMETER-A: 1-1/2 IN; DIAMETER-B: 1-1/2 IN; MATERIAL: HTS; THREADS-A: 6BSW; THREADS-B: 6BSW; THREAD LENGTH-A: 2.9528 IN; THREAD LENGTH-B: 1.3386 IN	EA	18
328	0087099	STUD, DOUBLE ENDED: LENGTH: 1 IN; DIAMETER-A: 1/4 IN; DIAMETER-B: 1/4 IN; MATERIAL: STL; THREADS-A: 26BSF; THREADS-B: 25BSF; THREAD LENGTH-A: 1/2 IN; THREAD LENGTH-B: 1/4 IN; HT	EA	12
329	0087100	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 1/4 IN; DIAMETER-B: 1/4 IN; MATERIAL: HTS; THREADS-A: 26BSF; THREADS-B: 26BSF; THREAD LENGTH-A: 1-1/2 IN; THREAD LENGTH-B: 1/4 IN; ENGINEERING	EA	12
330	0087101	STUD, DOUBLE ENDED: LENGTH: 1 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: HTS; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 0.3543 IN; THREAD LENGTH-B: 0.3543 IN	EA	12
331	0087102	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: HTS GR 60; THREADS-A: 20BSF; THREADS-B: 20BSF; THREAD LENGTH-A: 1-1/16 IN; THREAD LENGTH-B: 7/16 IN; BARREL	EA	12
332	0087103	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 7/16 IN; DIAMETER-B: 7/16 IN; MATERIAL: HTS; THREADS-A: 18BSF; THREADS-B: 18BSF; THREAD LENGTH-A: 1-1/16 IN; THREAD LENGTH-B: 0.3937 IN	EA	12
333	0087104	STUD, DOUBLE ENDED: LENGTH: 1.4961 IN; DIAMETER-A: 1/2 IN; DIAMETER-B: 1/2 IN; MATERIAL: HTS; THREADS-A: 16BSF; THREADS-B: 16BSF; THREAD LENGTH-A: 1/2 IN; THREAD LENGTH-B: 1/2 IN; HT 0.500	EA	12
334	0087105	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: STL; THREADS-A: 14BSF; THREADS-B: 14BSF; THREAD LENGTH-A: 0.7087 IN; THREAD LENGTH-B: 9/16 IN; 50 TO 60 TON TENSILE STRENGTH; FULL THREAD	EA	12
335	0087106	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: BSF; THREADS-B: BSF; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 0.748 IN; HT 2.500	EA	12
336	0087107	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 12BSF; THREADS-B: 12BSF; THREAD LENGTH-A: 0.9055 IN; THREAD LENGTH-B: 0.7087 IN; HT 2.500	EA	12
337	0087108	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 10BSF; THREADS-B: 10BSF; THREAD LENGTH-A: 0.9055 IN; THREAD LENGTH-B: 0.9055 IN	EA	12

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338	0087109	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 10BSF; THREADS-B: 10BSF; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 0.9055 IN	EA	12
339	0087110	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 9BSF; THREADS-B: 9BSF; THREAD LENGTH-A: 1.1417 IN; THREAD LENGTH-B: 1 IN	EA	12
340	0087111	STUD, DOUBLE ENDED: LENGTH: 4 IN; DIAMETER-A: 1-1/4 IN; DIAMETER-B: 1-1/4 IN; MATERIAL: HTS; THREADS-A: 9BSF; THREADS-B: 9BSF; THREAD LENGTH-A: 1.4567 IN; THREAD LENGTH-B: 1.1417 IN	EA	18
341	0087112	STUD, ALL THREAD: DIAMETER: M4; LENGTH: 10 MM; THREAD: 0.7 MM; MATERIAL: STL	EA	12
342	0087113	STUD, ALL THREAD: DIAMETER: M5; LENGTH: 65 MM; THREAD: 0.8 MM; MATERIAL: STL BRIGHT	EA	2
343	0087114	STUD, DOUBLE ENDED: LENGTH: 1 IN; DIAMETER-A: 1/4 IN; DIAMETER-B: 1/4 IN; MATERIAL: HTS; THREADS-A: 20BSW; THREADS-B: 20BSW; THREAD LENGTH-A: 1/2 IN; THREAD LENGTH-B: 1/4 IN	EA	12
344	0087115	STUD, DOUBLE ENDED: LENGTH: 2 IN; DIAMETER-A: 1/4 IN; DIAMETER-B: 1/4 IN; MATERIAL: HTS; THREADS-A: 20BSW; THREADS-B: 20BSW; THREAD LENGTH-A: 1.4961 IN; THREAD LENGTH-B: 0.2756 IN	EA	12
345	0087116	STUD, DOUBLE ENDED: LENGTH: 1 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 16BSW; THREADS-B: 16BSW; THREAD LENGTH-A: 0.315 IN; THREAD LENGTH-B: 0.315 IN	EA	12
346	0087117	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 3/8 IN; DIAMETER-B: 3/8 IN; MATERIAL: HTS; THREADS-A: 16BSW; THREADS-B: 16BSW; THREAD LENGTH-A: 1-3/4 IN; THREAD LENGTH-B: 3/8 IN	EA	120
347	0087118	STUD, ALL THREAD: DIAMETER: 7/16 IN; LENGTH: 2 IN; THREAD: 14BSW; MATERIAL: HTS GR 60	EA	12
348	0087119	STUD, DOUBLE ENDED: LENGTH: 5 IN; DIAMETER-A: 5/8 IN; DIAMETER-B: 5/8 IN; MATERIAL: STL; THREADS-A: 11BSW; THREADS-B: 11BSW; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 3-1/4 IN; TYPE: TAP END; BARREL 50 TO 60 TON TENSILE STRENGTH	EA	18
349	0087120	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 3/4 IN; DIAMETER-B: 3/4 IN; MATERIAL: HTS; THREADS-A: 10BSW; THREADS-B: 10BSW; THREAD LENGTH-A: 1.0236 IN; THREAD LENGTH-B: 0.7087 IN; HT 2.500	EA	12
350	0087121	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 7/8 IN; DIAMETER-B: 7/8 IN; MATERIAL: HTS; THREADS-A: 9BSW; THREADS-B: 9BSW; THREAD LENGTH-A: 7/8 IN; THREAD LENGTH-B: 7/8 IN; HT 2.500	EA	12
351	0087122	STUD, DOUBLE ENDED: LENGTH: 2-1/2 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 8BSW; THREADS-B: 8BSW; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1 IN; HT 2.500	EA	12
352	0087123	STUD, DOUBLE ENDED: LENGTH: 3 IN; DIAMETER-A: 1 IN; DIAMETER-B: 1 IN; MATERIAL: HTS; THREADS-A: 8BSW; THREADS-B: 8BSW; THREAD LENGTH-A: 1 IN; THREAD LENGTH-B: 1 IN	EA	12
353	0087698	WASHER, FLAT: NOMINAL SIZE: M6; INSIDE DIAMETER: 6.2 MM; OUTER SIZE: 12.5 MM; THICKNESS: 1.6 MM; MATERIAL: MS BLACK; GRADE: 4.6; SPECIFICATION: BS 1449 PART 3B; REFERENCE NO: WASHFLBLKM6; APPLICABLE STANDARD TO WHICH THE GOODS SUPPLIED WAS MANUFACTURED	KG	250
354	0087699	WASHER, FLAT: NOMINAL SIZE: M8; INSIDE DIAMETER: 8.6 MM; OUTER SIZE: 17 MM; THICKNESS: 1.6 MM; MATERIAL: MS BLACK; SPECIFICATION: BS 1449; GRADE 4.6	KG	25
355	0088650	NUT, CAP: DIAMETER: M20; THREAD: 2.5 MM; HEIGHT: 30 MM; MATERIAL: HTS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24
356	0091210	NUT, HEX: DIAMETER: 1-3/4 IN; THREAD: 7BSF; NUT HEIGHT: 1.65 IN; MATERIAL: HTS GR 40	EA	60
357	0091216	NUT, HEX: DIAMETER: 1-3/4 IN; THREAD: 5BSW; NUT HEIGHT: 1-1/2 IN; MATERIAL: HTS GR 40	EA	60
358	84232	Bolt spider: BOLT: DIAMETER: M33; LENGTH: 92 MM; HEAD: SPIDER; MATERIAL: HTS; THREAD: 3.5 MM; SUPPL P/N: ES-1005-32-49031-HT; SPIDER HEAD; 70MM THREAD; BODY TO BE MACHINED TO 32.80MM X 70MM LONG, TOTAL LENGTH OF BOLT TO BE 90.0MM LONG	EA	3000
359	91179	(WASHER, FLAT: NOMINAL SIZE: 5/8 IN; INSIDE DIAMETER: 5/8 IN; OUTER SIZE: 1.1024 IN; THICKNESS: 0.1181 IN; MATERIAL: STL; MODEL NO: 35115-105; FOR SOOTBLOWER) Washer flat M16	EA	200
360	87475	WASHER, FLAT: NOMINAL SIZE: M27; INSIDE DIAMETER: 27 MM; OUTER SIZE: 50 MM; THICKNESS: 2.5 MM; MATERIAL: STL BRIGHT; SPECIFICATION: BS 1449 PART (WASHER, FLAT: NOMINAL SIZE: M27; INSIDE DIAMETER: 27 MM; OUTER SIZE: 50 MM; THICKNESS: 2.5 MM; MATERIAL: STL BRIGHT; SPECIFICATION: BS	EA	2500

		1449 PART 3B) Washer flat M27		
361	85474	BOLT, T: DIAMETER: M20; LENGTH: 150 MM; THREAD: 2.5 MM; THREAD LENGTH: 110 MM; MATERIAL: HTS; GRADE: 8.8	EA	100
362	80781	SCREW, CAP: DIAMETER: M16; LENGTH: 40 MM; THREAD: 2 MM; HEAD: SOCKET HEX; MATERIAL: HTS; GRADE: 12.9; SPECIFICATION: BS 4168-1981 PART 1; KNURLED HEAD, ISO METRIC THREAD	EA	250
363	80782	SCREW, CAP: DIAMETER: M16; LENGTH: 50 MM; THREAD: 2 MM; HEAD: SOCKET HEX; MATERIAL: HTS; GRADE: 12.9; SPECIFICATION: BS 4168-1981 PAR	EA	1000
364	85473	BOLT, T: DIAMETER: M16; LENGTH: 140 MM; THREAD: 2 MM; MATERIAL: HTS; GRADE: 8.8; FOR VOSA VALVES	EA	150
365	82864	SPIDER HEAD: SCREW CAP:M16; LG 75 MM;2 MM; SOCKET HEX	EA	1000
366	85472	Splitterbox bolt: BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M30; LENGTH: 150 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 73 MM; THREAD: 3.5 MM; NUT QUANTITY: 1; DOUBLE HEAT TREATED, WITH NUT; SPECIFICATION: DIN 931	EA	500
367	80575	SCREW, CAP: DIAMETER: 3/8 IN; LENGTH: 1-1/2 IN; THREAD: 16BSW; HEAD: SOCKET HEX; MATERIAL: HTS; GRADE: 8.8; SPECIFICATION: BS 2470-1973 Cap screws for Airseal	EA	200
368	81491	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 60 MM; HEAD STYLE: SOCKET HEX; MATERIAL: STL; POINT STYLE: CUP; GRUB grub screws	EA	300
369	82083	SCREW, CAP: DIAMETER: 3/8 IN; LENGTH: 1-3/4 IN; THREAD: 20BSF; HEAD: SOCKET HEX; MATERIAL: HTS	EA	100
370	738121	PLUG: TYPE: BOLT NUT; SIZE: 1 IN; MATERIAL: STEEL; 5MM BY 45 DEGREES CHAMFER FACILITATING EASY INSTALLATION AND CONTRIBUTING TO A SMOOTH OPERATIONAL INTERFACE;OD OF 45MM AND LENGTH OF 32MM TAILORED TO PROVIDE A PERFECT FIT FOR SPECIFIED USES	EA	2000

SCOPE COMPILATION REFERENCES				
SOURCE & Ref No.	Yes	No	N/A	Comments
Previous outage service reports		X		
Return to service data packages		X		
Maintenance Strategy with Rev number		X		
SAP defects (attach list as appendix)		X		
GHRMS (STEP) reports (Generation Heat Rate Management System)		X		
Online Condition Monitoring		X		
Pre-outage performance test results		X		
Post outage performance test results		X		
GPSS/ Plant Performance data on UCLF incurred		X		
OMS / IIRMS recommendations (Audits Reports)		X		
Risk controls (IRM system)		X		
Previous audits and reviews (e.g. ERAP)		X		
Engineering Change Requests (Projects)		X		
LOPP strategy reports		X		
URS		X		
Philosophy (Outage)	X			
Condition Monitoring Report		X		
VA/PHD Viewer trends		X		
Corrective Actions		X		
CARAB reports		X		
Statutory Requirements		X		
Grid code requirements		X		
Waivers and Exemptions		X		
Calibration requirements		X		
Previous Outage SOW variations		X		
Post Mortems Actions from previous outages		X		
Pre-Outage plant walks		X		
Risk based inspection (RBI) report		X		
Simulation, TOIs, OON, SI		X		

Document reference	Title	No of pages
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C3.2	<i>Supplier's Goods Information</i>	
Total number of pages		

C3.1: PURCHASER'S GOODS INFORMATION

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

Provide an overview as an aide to the tendering supplier summarising the nature and purpose of the *goods* and the associated *services* (if any), together with some details about the supply requirements.

2 Specification and description of the *goods*

The content of this section is the meat of the scope of work and will depend on the nature of the *goods* required. For example the *goods* may already be available from the *Supplier*, and just need minor alterations to meet the *Purchaser's* requirements, or they may be unique and designed specifically for this contract. Accordingly there may be a need to:

- § Provide full technical specifications of the *goods* or the *Purchaser* may, as an alternative, provide a user requirement specification (URS) for the *goods* from which the *Supplier* then designs the *goods* to achieve the required performance.
- § Provide drawings and information about the environment where the *goods* are to be put to use.
- § Provide specifications of the component parts (plant and materials) used in the *goods* which may include minimum material standards and workmanship.

The specifications may be included here or provided as Annexure and just listed here.

3 *Purchaser's* design

Clause 21.1 requires that the *Purchaser* states which parts of the *goods* he is to design. Complete as required or delete. Be careful not to duplicate what may already be covered in the *Purchaser's* operating philosophy / user requirement specification (URS) / performance specification described elsewhere in this Goods Information.

4 Procedure for submission and acceptance of *Supplier's* design

This is a mandatory requirement of core clause 21.2 and must be addressed. Identify the extent of detail (the particulars) of the *Supplier's* design which is to be submitted to the *Supply Manager* for his acceptance. . State requirements for drawings to be prepared by the *Supplier*.

5 Other requirements of the *Supplier's* design

Use this section to describe any particulars which must be taken into account by the *Supplier* in his design; for example codification of the *goods*.

6 Use of *Supplier's* design

First read core clause 22.1 and then include here the exceptions and other purposes if applicable. If there are none this section could be deleted leaving the core clause to stand.

7 Manufacture & fabrication

Although the *Purchaser* does not usually prescribe how the *goods* are to be manufactured and fabricated, if there are any specific requirements they could be stated here.

8 Factory acceptance testing (FAT)

Core Clauses 40 and 41 both make reference to the Goods Information regarding tests and inspections. There are often comprehensive requirements for testing at place of manufacture and before delivery. State whether the tests are to be witnessed by the *Supply Manager* or by a testing agency of the *Purchaser's* nomination. Note, *Supplier* may not restrict *Supply Manager's* right to witness tests per clause 25.2

9 Other tests and inspections and commissioning in place of use

Describe any other tests and inspections that may be required, specifically in the place of use. If the *Supplier* is to commission the *goods* in the place of use after Delivery, describe the process here. If he is only required to witness and report on the commissioning done by others, this would be included as a service in section 4 below.

10 Operating manuals and maintenance schedules

Use this section to describe these requirements. Pay particular attention to when and in what form they are required. Consideration should be given to obtaining operating manuals and maintenance schedules before Delivery of the whole of the *goods* when there is still financial incentive for the *Supplier* to do so.

11 Supply Requirements

Clause 11.2(16) defines Supply Requirements and clause 11.2(8) states that they are part of the Goods Information. They can either be included here or as an Annexure to the Contract Data provided by the *Purchaser* because of their commercial nature. Eskom has chosen to include them in the C1.2a Contract Data, hence include the following text here:

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

12 Specification of the services to be provided

These services may include training of the *Purchaser's* staff in the use of the *goods*, supervision of installation of the *goods* on the *Purchaser's* property and post Delivery commissioning and monitoring of the *goods* in use. Ensure that all items of service specified can be related to an item in the Price Schedule

13 Constraints on how the *Supplier* Provides the Goods

14 Programming constraints

Read clause 31.2 first then state what additional information (if any) is to go in the programme per the last bullet of clause 31.2. Describe any particular constraints on the order and timing of the work which the *Supplier* must take into account in his programme.

15 Work to be done by the Delivery Date

Clause 11.2(5) defines Delivery as when the *Supplier* has done all the work which the Goods Information states he is to do by the Delivery Date. The defined term "Delivery" is used in this contract to identify when a stage, or amount of work has been achieved. This may be more than the common meaning of "delivery" and could include the passing of specified tests, provision of documentation and packing and preparation for air freight or shipping to the *Purchaser's* nominated Delivery Place specified in the Supply Requirements.

Either list here what has to be done in order to constitute "Delivery", or list what may remain undone and be completed after the Delivery Date by stating that everything else must be done before Delivery.

16 Marking the goods

If this contract requires the *goods* be paid for before they are brought within the Delivery Place, core clause 71.1 requires that the Goods Information state how the *Supplier* is to "mark" the *goods*

17 Constraints at the delivery place and place of use

State any constraints on how the *Supplier* is to provide the *goods* and *services* both at the delivery place and where the *goods* and *services* are to be put into use, e. g. restriction on access, hours of working and sequence of work. Sites such as Sasol Secunda and Koeberg Nuclear Power Station have very strict entrance requirements which tenderers need to allow for in their prices, and the *Supplier* has to comply with. State these or similar requirements here.

18 Cooperating with Others

Although not a direct requirement of the *conditions of contract* if the *Purchaser* is aware of the *Supplier's* need to co-operate with Others (for example where the supply is to one of the *Purchaser's* contractor's on a project or design of the *goods* needs to be discussed with Others) details could be given here.

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

Clause 23.2 requires that the Goods Information state what services and other things are to be provided by the Parties, each to the other as part of the supply process. This has nothing to do with the *services* identified in the Contract Data. It would include temporary services and things needed to facilitate the supply, such as cranes provided by the *Purchaser* for offloading of the *goods*.

20 Management meetings

The *conditions of contract* (e.g. Clause 16.2) require and other sections of the Goods Information (e.g. safety risk management) may require (mandate) that a meeting shall be held. However the intention of all NEC contracts is that the Parties and their agents use the techniques of partnering to manage the contract by holding meetings designed to pro actively and jointly manage the administration of the contract with the objective of minimising the adverse effects of risks and surprises for both Parties.

Depending on the complexity of the *goods*, it is probably beneficial for the *Supply Manager* to hold a regular risk register meeting (Clause 16.2). This could be used to discuss safety, compensation events, subcontracting, overall co-ordination and other matters of a general nature. Separate meetings for specialist activities such as programming, engineering and design management, may also be warranted.

Describe here the general meetings and their purpose. Provide particulars of approximate times, days, location, and attendance requirements, stipulating that attendees shall have the necessary delegated authority to make decisions in respect of matters raised at such meetings.

The right to hold specialist meetings should be stated generically and in such a way that ambiguity with other parts of the Goods Information is avoided.
 The following text could be used as a model for this section:

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

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

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

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

21 Documentation control

Specify how documentation will be identified with an alpha numeric which indicates source, recipient, communication number etc. Provide details of any particular format or other constraints; for example that all contractual communications will be in the form of properly compiled letters or forms attached to e mails and not as a message in the e mail itself. State any particular routing requirements but note from SC who issues what to whom.

22 Health and safety risk management

In addition to the requirements of the laws governing health and safety, the *Purchaser* may have some additional requirements particular to the *goods* and the location where they are to be delivered for this contract. This is a requirement of clause 25.4.

The *Supplier* shall comply with the health and safety requirements [stated here or contained in Annexure _____ to this Goods Information].

23 Environmental constraints and management

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

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

24 Quality

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

25 Invoicing and payment

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

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

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

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

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

26 Insurance provided by the Purchaser

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

27 Contract change management

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

28 Provision of bonds and guarantees

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

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

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

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

30 Procurement

31 Subcontracting

32 Preferred subcontractors

SC does not make use of nominated subcontracting, but the *Purchaser* may list which subcontractors or sub-suppliers the *Supplier* is required to enter into subcontracts with (if any). This is usually only required where plant and materials need to be obtained from a particular supplier or group of suppliers in order to comply with operational standards for the *goods*.

33 Limitations on subcontracting

The *Purchaser* may require that the *Supplier* must subcontract certain specialised work, or that the *Supplier* shall not subcontract more than a specified proportion of the whole of the contract.

34 Spares and consumables

Some contracts may need to include provision for the supply of a minimum category of spares, fuel, oil or other consumables which the *Purchaser* may need at or just after delivery or commissioning of the *goods* and that it is best the *Supplier* provide these initially as part of his Providing the Goods and Services

35 Other requirements related to procurement

Other requirements such as ASGISA or socio political enhancements the *Supplier* is to provide as part of Providing the Goods and Services (if any) could be included here.

36 Cataloguing requirements by the *Supplier*

State whether cataloguing is applicable, if it is, reference the requirements for cataloguing that need to be satisfied by the *Supplier* (consult Procurement Instruction Number 1 of 2018 – Incorporating Cataloguing into the Procurement Environment, Unique Identifier 240-1289988974).

37 List of drawings

38 Drawings issued by the *Purchaser*

This is the list of drawings issued by the *Purchaser* at or before the Contract Date and which apply to this contract.

Drawing number	Revision	Title

C3.2 SUPPLIER'S GOODS INFORMATION

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

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

This section could also be compiled as a separate file.
