

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT



NEC3 Supply Contract (SC3)

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

and

for **Supply and delivery of Electrical Switches for a five**
(5) year period for Stock Replenishment at Lethabo
Power Station

Contents:	No of pages
Part C1 Agreements & Contract Data	2
Part C2 Pricing Data	20
Part C3 Scope of Work	23

CONTRACT No.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

PART C1: AGREEMENTS & CONTRACT DATA

Contents:	No of pages
C1.1 Form of Offer and Acceptance	3
C1.2a Contract Data provided by the <i>Purchaser</i>	14
C1.2b Contract Data provided by the <i>Supplier</i>.	2

C1.1 Form of Offer & Acceptance

Offer

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

Supply and delivery of Electrical Switches for a five (5) year period for Stock Replenishment to Lethabo Power Station.

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	

This Offer may be accepted by the Purchaser by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the *Supplier* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s) _____

Capacity _____

For the tenderer:

 (Insert name and address of organisation)
 Name & signature of witness _____ Date _____

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

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

Acceptance

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

The terms of the contract, are contained in:

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

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

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

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

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

Signature(s)

Name(s)

Capacity

for the Purchaser

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

(Insert name and address of organisation)

Name & signature of witness

Date

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

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

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 Purchaser
For the tenderer:	
Signature	_____
Name	_____
Capacity	_____
On behalf of	Eskom Holdings SOC Ltd, Megawatt Park, Maxwell Drive, Sandton, Johannesburg, 2199
Name & signature of witness	_____
Date	_____

Part one - Data provided by the Purchaser.

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	
		X1: Price adjustment for inflation
		X2: Changes in the law
		X7: Delay damages
		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.	N/A
10.1	The <i>Supply Manager</i> is (name):	
	Address	Lethabo Power Station Private Bag X 415 Vereeniging 1930
	Tel	
	Fax	N/A
	e-mail	
11.2(13)	The <i>goods</i> are	Supply and delivery of Electrical Switches for a five (5) year period for Stock Replenishment to Lethabo Power Station
11.2(13)	The <i>services</i> are	N/A
11.2(14)	The following matters will be included in the Risk Register	N/A
11.2(15)	The Goods Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.

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

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

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	Two (2) working days				
2	The Supplier's main responsibilities	Data required by this section of the core clauses is provided by the <i>Supplier</i> in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.				
3	Time					
30.1	The <i>starting date</i> is.	TBC				
30.1	The <i>delivery date</i> of the <i>goods and services</i> is:	<table border="1"> <thead> <tr> <th>Switches</th> <th><i>delivery date</i></th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> As per batch order Supplier to also keep minimum spares (consignment stock) for items that are not kept at the supplier's warehouse and for items with long lead times. The minimum quantities will be as agreed by both parties. </td> <td></td> </tr> </tbody> </table>	Switches	<i>delivery date</i>	<ul style="list-style-type: none"> As per batch order Supplier to also keep minimum spares (consignment stock) for items that are not kept at the supplier's warehouse and for items with long lead times. The minimum quantities will be as agreed by both parties. 	
Switches	<i>delivery date</i>					
<ul style="list-style-type: none"> As per batch order Supplier to also keep minimum spares (consignment stock) for items that are not kept at the supplier's warehouse and for items with long lead times. The minimum quantities will be as agreed by both parties. 						
30.2	The <i>Supplier</i> does not bring the <i>goods</i> to the Delivery Place more than one week before the Delivery Date.					
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	One (1) week of the Contract Date.				
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	Two (2) weeks.				
4	Testing and defects					
42	The <i>defects date</i> is	52 weeks after Delivery.				
43.2	The <i>defect correction period</i> is	Two (2) weeks – To address the defect at hand and to determine the corrective action and timelines that will be required				
	and the <i>defect access period</i> for	Five (5) days				
5	Payment					
50.1	The <i>assessment interval</i> is	As per Task order.				
51.1	The <i>currency of this contract</i> is the	South African Rand				
51.2	The period within which payments are made is	14 days after delivery of the task order				

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

51.4 The *interest rate* is

the publicly quoted prime rate of interest (calculated on a 365-day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and

(ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption “Money Rates” in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted *mutatis mutandis* every 6 months thereafter and as certified, in the event of any dispute, by any manager employed in the foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.

6	Compensation events	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
7	Title	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional <i>Purchaser’s</i> risks	N/A
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]

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

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).
94.2(3)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See www.ice-sa.org.za)
94.4(2)	The <i>tribunal</i> is:	arbitration
94.4(5)	The <i>arbitration procedure</i> is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
94.4(5)	The place where arbitration is to be held is	South Africa
	The person or organisation who will choose an arbitrator. - if the Parties cannot agree a choice or - if the arbitration procedure does not state who selects an arbitrator, is	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.

10 Data for Option clauses

X1	Price adjustment for inflation	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	A month prior closing date of the enquiry		
	The proportions used to calculate the Price Adjustment Factor are:	proportion	linked to index for	Index prepared by
		50%	Material	SEIFSA Table M-6 (Electrical Components)
		25%	Labour	SEIFSA Table C3 "Hourly Paid Employees"
		10%	Transport	SEIFSA Table L-2(A)
		15%	Fixed	

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

X2	Changes in the law	is a compensation event if it occurs after the Contract Date.
X2.1	A change in the law of	The Republic of South Africa
X7	Delay damages	2% per day up to a maximum of 15% per task order
Z	The <i>additional conditions of contract</i> 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

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

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.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

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

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

Z8 Notifying compensation events

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

Z9 Purchaser's limitation of liability

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

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

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

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

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

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

Z12 Ethics

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

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

Coercive Action means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,

Collusive Action means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,

Committing Party means, as the context requires, the *Supplier*, or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,

Corrupt Action means the offering, giving, taking, or soliciting, directly or indirectly, of a good or

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

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.

Z13Insurance

Z 13.1 Replace core clause 84 with the following:

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

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

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

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT**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 44 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 44 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 *Purchaser's* Asbestos Standard 32-303: Requirements for Safe Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos Containing Material, Equipment and Articles.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

- SANAS** means the South African National Accreditation System.
- TWA** means the average exposure, within a given workplace, to airborne asbestos fibres, normalized 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 affected 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.
- 5.7 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.

SUPPLIER DEVELOPMENT LOCALIZATION AND INDUSTRIALIZATION

Section 1: Specific Goals

A maximum of 10/20 points may be awarded to a tenderer for the specific goal specified for the tender. The points scored for the specific goal must be added to the points scored for price and the total must be rounded off to the nearest two decimal places. Subject to section 2(1)(f) of the Preferential Procurement Policy Framework Act, the contract must be awarded to the tenderer scoring the highest points.

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

NB: The following documents are required to claim preference points,

- Valid B-BBEE certificate issued by a SANAS accredited verification agency / sworn affidavit / CIPS affidavit.
- Proof of ownership / shareholding (preferably CIPC documentation) inclusive of shareholding breakdown
- Certified ID copies of shareholder(s)
- Proof of Disability (where applicable)

Tenderer failing to provide documentation for the allocation of preference points will not be disqualified, but'

- May only score point out of 90/80 for price.
- Scores 0 points out of 10/20 for specific goal

Section 2: Objective criteria

The inclusion of objective criteria is not mandatory but a condition for contract award. If the tenderer does not meet objective criteria; it may lead to the second-ranked tenderer being recommended for award.

2.1 Designated Sectors

When applicable the following stipulated minimum threshold for Local Production and Content must be achieved in full by the tenderer

a) Is this Commodity or part of it a Designated Sector?

YES	NO
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please indicate below Designated Components

Commodity	Components	Local Content Threshold
Not applicable		

NOTE: SBD 6.2 Declaration Form and Annex C (Local Content Declaration-Summary Schedule) are therefore **mandatory** and must be tender returnables if applicable.

2.2 CIDB Skills Development

Continuation of Mandatory Requirements

a) Is there CIDB compulsory training?

YES	NO
<input type="checkbox"/>	<input checked="" type="checkbox"/>

If Yes, what is the% of the Construction Skills Development Goal % (CSDG)

If the answer above is Yes, it will then be mandatory for the supplier to match Eskom’s targets.

Criteria	Eskom Target	Tenderer Commitment
CSDG Percentage	Not applicable	
Description	Not applicable	

NOTE: Failure by the Contractor/Service Provider/Supplier to meet the CIDB CSDG mandatory % will render their tender non-responsive.

Section 3**SDL&I Objectives in line with Reconstruction and Development Programme (RDP) Goals**

Tenderers who complete and submit the objectives as required, but who do not meet Eskom's targets, will not be disqualified. SDL&I objectives do not form part of scoring, but commitments will form part of contractual obligations

1. Transformation – BBEE Improvement or Retention Plan

Transformation remains an area of focus, where Eskom continuously strives to align itself with national transformation imperatives to unlock growth, drive industrialization, create employment and contribute to skills development.

Eskom encourages its suppliers to constantly strive to improve their B-BBEE rating. Whereas Tenderer/s will be allocated points in terms of a preference point system based on specific goals, Eskom also requests that tenderer/s submits their B-BBEE improvement or retention plan within 30 days of signing the contract.

Tenderer/s are therefore requested to indicate the extent to which they will maintain (only if the respondent is a Level 1) or may improve/maintain their B-BBEE status over the contract period if their B-BBEE status is level 2 or 3. Tenderer/s with a B-BBEE status level 4 at the time of contract award, shall migrate and achieve as a non-negotiable a milestone of B-BBEE Level 3 by the end of the first year of the contract and thereafter improve their B-BBEE status level or migrate by one level higher.

Tenderer/s with a B-BBEE recognition status of Level 5 to Level 8 or non-compliant at the time of contract award, shall migrate and achieve as a non-negotiable a milestone of Level 4 by the end of the first year of the contract and thereafter improve at least one B-BBEE Level higher of each year from the second year of the contract.

Tenderer/s are requested to submit their B-BBEE Improvement Plan as an essential document within 30 days of signing the contract.

NB: A valid B-BBEE certificate or Sworn Affidavit is a condition for contract award, if your company's annual Total Revenue is R10 Million or less you qualify as an Exempted Micro Enterprise therefore you can submit Sworn Affidavit. If your annual Total Revenue is R50 Million or less, you qualify as Qualifying Small Enterprise and must comply with all of the elements of QSE score card relevant to your sector unless an entity is at least 51% Black owned you are required to obtain a Sworn affidavit. If your Annual Total Revenue is above R50m you need to submit a Valid B-BBEE certificate

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

2. Local Procurement Content

“Local Procurement Content” refers to value added in South Africa by South African resources. Where a single contract involves a combination of local and imported goods and/or services, the tender response must be separated into its components as per the Price Schedule included with the tender documents. Local procurement content is total spending minus the imported component.

Tenderers are required to submit their proposals in the table below.

Local Procurement Content	Eskom target	Tenderer Proposal
	100%	

3. Jobs. Tenderers are required to submit proposals for the type and number of jobs that will be created and retained in South Africa as a direct result of being awarded a contract.

Type of Jobs to be created	Number of Jobs to be created

Type of Jobs to be retained	Number of Jobs to be retained

Section 4: SDL&I Penalty and Performance Security

Eskom will apply a penalty of 2.5% of the invoice amount for failure to meet SDL&I obligations.

Eskom will apply a penalty of 2.5% of the Contract Value for failure to meet SDL&I obligations.

For the duration of the contract, Eskom will retain 2.5% of every invoice (excluding VAT) as security for the fulfilment of all SDL&I Obligations. The retained amounts shall only be released to the Contractor upon:

- Eskom receives the SDL&I progress report/s from the contractor.
- Fulfilment of all SDL&I obligations by the contractor.
- Submission of an approved compliance report by SDL&I Department.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

Section 5: Reporting and Monitoring

- The suppliers shall on a quarterly basis submit a report to Eskom in accordance with Data Collection Template on their compliance with the SDL&I obligations described above.
- Eskom shall review the SDL&I reports submitted by the suppliers within 30 (thirty) days of receipt of the reports and notify the suppliers in writing if their SDL&I obligations have not been met.
- Upon notification by Eskom that the suppliers have not met their SDL&I obligations, the suppliers shall be required to implement corrective measures to meet those SDL&I obligations before the commencement of the following report, failing which Retention clauses shall be invoked.
- Every contract shall be accompanied by the SDL&I Implementation Schedule, which must be completed by the suppliers and returned to SDL&I representative for acceptance 28 days after contract award. This will be used as a reference document for monitoring, measuring and reporting on the supplier’s progress in delivering on their stated SDL&I commitments

Section 6: Market Research

The following information demonstrates market analysis and assists in arriving at the targets above.

<u>Current Suppliers Providing the Services</u>	Potential Suppliers:
<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Open market

Section 7: General Information on Validity of Sworn Affidavits

The following must be considered when it comes to validity of Affidavits;

- Tenderers submitting B-BBEE Sworn Affidavits must ensure that the affidavits meet the following key pointers to ensure their validity:
- Name/s of deponent as they appear in the identity document and the identity number.
 - Designation of the deponent as the director, owner or member must be indicated in order to know that person is duly authorised to depose of an affidavit. (Mark the applicable option).
 - Name of enterprise as per enterprise registration documents issued by the CIPC, where applicable, and enterprise business address.
 - Percentage of black ownership, black female ownership and designated group. In the case of specialised enterprises as per Statement 004, the percentage of black beneficiaries must be reflected. (No blank spaces to be left).
 - Indicate total revenue for the year under review and whether it is based on audited financial statements or management account. (Mark the applicable option).
 - Financial year end as per the enterprise’s registration documents, which was used to determine the total revenue. (Financial year end to be stipulated by day/month/year).
 - B-BBEE Status level. An enterprise can only have one status level. (Tick applicable level)
 - Empowering supplier status must be indicated. For QSEs, the deponent must select the basis for the empowering supplier status.
 - Date deponent signed and date of Commissioner of Oath must be the same. (The sworn affidavit must be signed in the presence of the Commissioner of Oath. Furthermore the Commissioner must also sign and stamp)
 - Commissioner of Oath cannot be an employee or ex officio of the enterprise because, a person cannot by law, commission a sworn affidavit in which they have an interest.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

Annexure A: Supply Requirements

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

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

[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	DAP	DAP

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

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

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

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

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

The Supply Requirements for this contract are as follows:

1. The requirements for the supply are	Supply and delivery of Electrical Switches for a five (5) year period for Stock Replenishment
2. The requirements for transport are	Supplier must ensure that product is packaged and transported in such a way that it safe, well stacked and preserved
3. The delivery place is	Lethabo Power Station. Deneysville Vaal dam Road.

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

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

	Vereeniging. 1930	
4. Actions of the Parties during supply	Action	Party which does it
	Giving notice of Delivery	Supplier
	Checking packing and marking before dispatch	Supplier
	Contracting for transport	Supplier
	Pay costs of transport	Supplier
	Arrange access to delivery place	Supplier
	Loading the <i>goods</i>	Supplier
	Unloading the <i>goods</i>	Eskom
For international procurement	Undertake export requirements	N/A
	Undertake import requirements	Supplier
5. Information to be provided by the Supplier	Title of document	
	Packing lists for cases and their contents	
	Copy of invoice for the <i>goods</i>	
	Delivery Note	
	Test results and maintenance manuals	
For international procurement	Licences, authorisations and other formalities associated with export of the <i>goods</i>	
	Air Waybill or Bill of Lading with associated landing, delivery and forwarding order	
	The Bill of Entry endorsed by the importation authority	
	Customs work sheets, showing tax, duties and surcharges which the law of the country into which the <i>goods</i> are being imported requires the importer to pay	
	Invoice from the importation clearing agent showing airline fees, landing charges, wharfage and dock dues as applicable	
	Specify other import documents required by authorised officials.	

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

C1.2 Contract Data

Part two - Data provided by the Supplier.

Clause	Statement	Data								
10.1	The <i>Supplier</i> is (Name): Address Tel No. Fax No.									
11.2(8)	The Goods Information for the <i>Supplier's</i> design is in:									
11.2(11)	The tendered total of the Prices is									
11.2(12)	The <i>price schedule</i> is in:									
11.2(14)	The following matters will be included in the Risk Register									
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are									
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<table border="1"> <thead> <tr> <th><i>goods</i></th> <th><i>delivery date</i></th> </tr> </thead> <tbody> <tr> <td>1 [•]</td> <td>[•]</td> </tr> <tr> <td>2 [•]</td> <td>[•]</td> </tr> <tr> <td>3 [•]</td> <td>[•]</td> </tr> </tbody> </table>	<i>goods</i>	<i>delivery date</i>	1 [•]	[•]	2 [•]	[•]	3 [•]	[•]
<i>goods</i>	<i>delivery date</i>									
1 [•]	[•]									
2 [•]	[•]									
3 [•]	[•]									
31.1	The programme identified in the Contract Data is contained in:									
63.2	The <i>percentage for overheads and profit</i> added to the Defined Cost is	%								

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

PART 2: PRICING DATA

NEC3 SUPPLY CONTRACT

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

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>.

Any tax which the law requires the *Purchaser* to pay to the *Supplier* is included in the amount due.

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

Function of the Price Schedule

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

Preparing the *price schedule*

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

It will be assumed that the tendering supplier has.

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

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

- 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.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

C2.2 the price schedule

Material	Text	UMC	Lead time
0037161	SWITCH, PROXIMITY: TYPE: INDUCTIVE; SENSING RANGE: 8.1 MM; POTENTIAL: 8 V; CURRENT: 2.2 MA; ACTION: SPST; CONTACT ARRANGEMENT: 1NC; PART NO: NCB10-30GM40-N0, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120192	SWITCH: TYPE: TILT CONTROL; POTENTIAL: 125/250/480 VAC; CURRENT: 20 A; MOUNT: SCREW; STD, OPERATES ON TWO WIRE SYSTEM, WEATERTIGHT HEAVY DUTY CAST IRON, INCLUDES 1/2 IN WEATHERTIGHT CONDUIT CONNECTION FOR 1/4 IN DIA CABLE; SERIAL NO: BA2RV22; PART NO: TC1, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120193	SWITCH, LEVEL: METHOD OF ACTUATION: DIAPHRAGM; RANGE: -40 TO 82 DEG C; POTENTIAL: 125/480 VAC; CURRENT: 15 A; ACTION: SPDT; CONTACT ARRANGEMENT: SPDT; DIMENSIONS: DIA 8 IN; ELECTRICAL CONNECTION: M20 X 1.5 CABLE; ENCLOSURE: IP66; ENCLOSURE RATING: NEMA 4; CONTACT RATING: 15 A; BIN CONTROL; LEVEL TROLBRAND ULTRA SENSITIVE DIAPHRAGM; NEOPRENE; BOLT CIRCLE 7 1/2 IN; HOLE REQUIRED IN BIN 7 IN; (6) 7/32 DIA MOUNTING HOLES; MODEL NO: AB-R, LAD101701; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120204	SWITCH, LIMIT: POTENTIAL: 400 V; CURRENT: 10 A; ACTION: SPDT; ACTUATOR: PLUNGER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP66; PART NO: ZCK-M1, SUPPLIER: UNKNOWN; PART NO: XCKM-110 H29, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120638	SWITCH, PUSHBUTTON: HEAD STYLE: FLUSH CIRCULAR; COLOR: RED; ELECTRICAL RATING: 600 VAC; ACTION: DPDT; CONTACT ARRANGEMENT: 1NO 1NC; MOUNT: PANEL; CHROMIUM PLATED METAL BEZEL; SCREW AND CAPTIVE CABLE CLAMP CONNECTION; PART NO: XB2MA41, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120658	SWITCH, LIMIT: POTENTIAL: 600 V; ACTION: SPDT; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE RATING: CI; PART NO: CHW93053, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120727	SWITCH, LIMIT: POTENTIAL: 500 VAC; 600 VDC; CURRENT: 6 A; ACTION: DPST; ACTUATOR: PLUNGER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP67; METAL CLAD POSITION; WIDE HOUSING; SNAP ACTION CONTACTS; 6MM STROKE; REFERENCE NO: 3SE5122-OCE01; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120734	SWITCH, LIMIT: POTENTIAL: 380 V; ACTION: DPDT; ACTUATOR: ROLLER; CONTACT ARRANGEMENT: 2NO 2NC; ENCLOSURE: IP67; SPECIFICATION: DIN EN 50041; SERIES 335, SLOW ACTION SWITCHING WITH CONTACT STAGGERING; PART NO: TR335-02 ZH, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120804	SWITCH, LIMIT: POTENTIAL: 500 VAC; CURRENT: 10 A; ACTION: DPDT; ACTUATOR: ANGULAR ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP67; ENCLOSURE RATING: METAL; GROUP NUMBER 5660 POS 115; USED ON IP BYPASS CONTROL VALVE SERVOMOTOR; REFERENCE NO: 3SE3100-1F; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120806	SWITCH, LIMIT: POTENTIAL: 500 VAC; CURRENT: 10 A; ACTION: DPDT; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP67; SPECIFICATION: VDE0660; HEAVY DUTY; GROUP NUMBER 7660-112; REFERENCE NO: 3SE3120-1J; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0120844	SWITCH, LIMIT: POTENTIAL: 380/450 VAC; CURRENT: 16 A; ACTION: SPST; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP65; SPECIFICATION: VDE0660; AC 11; FUSE T25A; LUFFING HIGH AND LOW OR USE ON BOOM CONVEYOR LUFFING LIMITS ON THE ASH DUMP STACKING SYSTEM; REFERENCE NO: TD441-11Y; PART NO: F, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120845	SWITCH, PUSHBUTTON: HEAD STYLE: MUSHROOM; COLOR: RED; ELECTRICAL RATING: 230 VAC; ACTION: SPDT; CONTACT ARRANGEMENT: 1NO 1NC; MOUNT: PANEL; EMERGENCY STOP; WITH RED MUSHROOM HEAD OPERATOR; THE OPERATOR WILL REMAIN IN THE DEPRESSED POSITION UNTIL RELEASED BY TURNING ITS SLEEVE; LIST NO: 91176; REFERENCE NO: CHB91176; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120846	SWITCH, LIMIT: POTENTIAL: 230 V; CURRENT: 2.5 A; ACTION: SPST; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: METAL; ENCLOSURE RATING: IP55; IP65; SPECIFICATION: DIN 43694; SERIES M330; SNAP ACTION SWITCHING; ACTUATING UNIT TOP ROLLER LEVER FORM K; ACTUATING FORCE 19; PART NO: MV8H33011YA, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120849	SWITCH, LIMIT: POTENTIAL: 550 VAC; CURRENT: 5 A; ACTION: SPDT; ACTUATOR: LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: ALUMINUM; MARK III; 380VAC; BRAKE SIZE MTWK 315KT 1503; INCLUDING LEVER 440S-S540014; REFERENCE NO: 16D-1200; PART NO: 560046 (OLD), SUPPLIER: UNKNOWN; PART NO: 560010 (NEW), SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0120858	"SWITCH, LIMIT: POTENTIAL: 380 V, ACTUATOR: LEVER ARM ACTION: SPST CONTACT ARRANGEMENT: 1NO 1NC ENCLOSURE: IP66 CURRENT: 10 A, 4 A RESITIVE, REFERENCE NO: A300, PART NO: ZCKJ1429 VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER."	EA	
0120929	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 11-225; PROOF 340 BAR; POTENTIAL: 250/480 VAC; CURRENT: 10-3 A; ACTION: SPDT; CONNECTION: BOTTOM 1/4 IN-FNPT; DIMENSIONS: WD 110 X LG 130 X HT 60 MM; 125-250VOLTS/10 AMPS, 480VOLTS/3A DC; REFERENCE NO: B1T-H32; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121114	SWITCH, TEMPERATURE: RANGE: -232 TO 66 DEG C; POTENTIAL: 250 VAC; CURRENT: 3 A; CONTACT ARRANGEMENT: 1NO 1NC; TEMP UNITS 18 DEG TO 260 DEG C; REFERENCE NO: MLIH-H454; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121186	SWITCH, LIMIT: POTENTIAL: 600 V; CURRENT: 12 A; ACTION: SPDT; ACTUATOR: LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: NEMA 2; COMPRISING OF BODY E50SA SERIES A2; RECEPTICAL E50RA20 SERIES A1; HEAD E50DRI; 5 DEG PRE-TRAVEL; LEVER E50KL377; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121264	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 1.5-500 MBAR; POTENTIAL: 380 V; CURRENT: 16 A; ACTION: SPDT; CONNECTION: BOTTOM 1/2 IN-FNPT; 13/16 IN CONDUIT; GEORGIN; FOR GENERATOR 687 MVA; PART NO: DMABV96R54.40, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121275	SWITCH, PRESSURE: TYPE: LUBE OIL; RANGE: 1-10 BAR; POTENTIAL: 250 VAC; CURRENT: 5 A; ACTION: SPDT; CONNECTION: BOTTOM/PLUG 1/4 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121651	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 41-410 KPA; POTENTIAL: 125/250 VAC/DC; ACTION: SPDT; CONNECTION: BOTTOM 32 MM FNPT; WITH CHEMICAL SEAL; 20 MM CONDUIT; REFERENCE NO: PB17A; REFERENCE NO: PB17A/RE10A42; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121652	SWITCH, SENSITIVE: CONTACT ARRANGEMENT: 1NO 1NC; POTENTIAL: 380 VAC; CURRENT: 15 A; BODY STYLE: MICRO; MOUNT: HOUSING; ACTION SPDT; COAL CONVEYOR BLOCK CHUTE DETECTOR; REFERENCE NO: BZ-2R-A2-N94; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0121690	SWITCH, PRESSURE: TYPE: AIR; RANGE: 41-410 KPA; POTENTIAL: 125/250 VAC; CURRENT: 5 A; ACTION: SPDT; CONNECTION: 11 MM FNPT; UNIT; ASCO; BOTTOM; 20 MM CONDUIT; CATALOGUE NO: PB17A/RE10A21; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121692	SWITCH, SENSITIVE: ACTUATOR STYLE: PLUNGER; CONTACT ARRANGEMENT: 1NO 1NC; POTENTIAL: 220 VAC; CURRENT: 10 A; ACTUATOR QUANTITY: 1; BODY STYLE: MICRO; ACTION: SPDT; METAL ENCLOSURE; BURGESS; RUBBER BOOT ON ARM; SIZE: 52MM X 20MM X 29MM; MODEL NO: 4BR CSA; PART NO: TYPE 4BR CSA, SUPPLIER: UNKNOWN; PART NO: 9421186, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121694	SWITCH, SENSITIVE: ACTUATOR STYLE: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO; POTENTIAL: 600 VAC; CURRENT: 6 A; ACTUATOR QUANTITY: 1; BODY STYLE: MICRO; APPLICATION: SOOTBLOWER; ACTION: SPST; CRAIG AND DERICOTT; 1HP-115V; 2HP-230/460V; 20A 125-750/460V; MODEL NO: A/06 A2/33; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121702	SWITCH, FLOW: MATERIAL: BRS/SS; POTENTIAL: 24/250 VAC; CURRENT: 15-8 A; RANGE: 11 BAR; ACTION: SPDT; CONNECTION: 1-1/4 IN-NPT; ENCLOSURE: IP67; DIMENSIONS: WD 55 X LG 85 MM; ENCLOSURE RATING: IP67; SCALE DN 1-8 INCH, GRADE 316; REFERENCE NO: JSF-1E; PART NO: ALRE-IT JSF-1E, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121707	SWITCH, SELECTOR: POTENTIAL: 220 V; CONTACT ARRANGEMENT: 6NO 6NC; ACTION: 12PDT; PART NO: C+N-CA10A370-600E, SUPPLIER: UNKNOWN; PART NO: C+N TYPE 600E, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121718	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 5-55 BAR; POTENTIAL: 250VAC; 30VDC; ACTION: SPDT; CONNECTION: BOTTOM FNPT 1/2 IN; CURRENT: 3 A; ENCLOSURE RATING: IP65; PART NO: DS502, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121730	SWITCH, LEVEL: METHOD OF ACTUATION: MAGNETIC FLOAT; RANGE: 7 BAR; POTENTIAL: 440 VAC; 240 VDC; CURRENT: 8 A AC; 2 A DC; ACTION: DPDT; CONTACT ARRANGEMENT: 2NO 2NC; USED ON THE BOILER WATER SEALS; PART NO: S01DB/F21-1, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121737	SWITCH, LIMIT: POTENTIAL: 120/240/480 VAC; CURRENT: 6-3-1.5 A; ACTION: DPDT; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: OILTIGHT; OIL PROOF, WITH LEVER AND ROLLERS; ALLEN BRADLEY TYPE; PART NO: 802T-AMS6UD, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121962	SWITCH, PRESSURE: POTENTIAL: 125/250 VAC; CURRENT: 5 A; ACTION: SPDT; UNIT ASSEMBLY; REFERENCE NO: PB31A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121963	SWITCH, PRESSURE: TYPE: PRESSURE; RANGE: 11-114 BAR; POTENTIAL: 125/250 VAC; CURRENT: 5 A; ACTION: SPDT; CONNECTION: NPT; CONTACT ARRANGEMENT: 1NO 1NC; FOR USE ON LINAS RECORDER; REFERENCE NO: PB21A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121965	SWITCH: TYPE: TEMPERATURE; POTENTIAL: 125/250 VAC; CURRENT: 5 A; CONTACT ARRANGEMENT: 1NO 1NC; ACTION: SPDT; UNIT; REFERENCE NO: PB47A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121968	SWITCH, PRESSURE: POTENTIAL: 125/250 VAC; CURRENT: 5 A; ACTION: SPDT; ASSEMBLY; ASCO; PART NO: PB46A, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121975	SWITCH, SENSITIVE: ACTUATOR STYLE: LEVER; CONTACT ARRANGEMENT: 1NO 1NC; POTENTIAL: 220 VAC; CURRENT: 5 A; BODY STYLE: MICRO; MOUNT: BASE; LIMIT, ACTION SPST; PART NO: 83106, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0121989	"SWITCH, SPEED: POTENTIAL: 600 VAC; CURRENT: 5 A; CALIBRATION: 286 RPM; SERIAL NO: CS-C89-10196, REFERENCE NO: CSG84-6521 VENDORS A RE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER."	EA	

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0122012	SWITCH, LIMIT: POTENTIAL: 380 VAC; CURRENT: 10 A; ACTION: SPDT; ACTUATOR: ROLLER LEVER PLUNGER; CONTACT ARRANGEMENT: 1NO 1NC; DIMENSIONS: WD 53 X LG 60 MM; ENCLOSURE RATING: IP66; ACTUATION BY 30 DEG CAM, MAXIUM SPEED 1.5M/S; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0122013	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 20-530 KPA; CONNECTION: 1/4 IN-FNPT; CONNECTION 1-4INS INTERNAL; VERSION WITH HOUSING AND CLAMPING STRIP FOR RACK OIL; DRAWING NO: C42.93200-0089; REFERENCE NO: D1T-M80; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0122014	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 3.4-11000 KPA; POTENTIAL: 250/480 VAC; CURRENT: 10-3 A; ACTION: SPDT; CONNECTION: BOTTOM 1/8 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; 13/16 IN CONDUIT; REFERENCE NO: 2X809-0016; PART NO: DPD1T-M80SS, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0122015	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 3.5-85; PROOF 125 BAR; POTENTIAL: 480 VAC; 28 VDC; CURRENT: 3 A AC; 0.5 A DC; ACTION: SPDT; CONNECTION: BOTTOM 1/4 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; DIMENSIONS: WD 110 X LG 130 X HT 60 MM; ENCLOSURE RATING: IP67; 1/4 IN CONDIUT; ADJUSTABLE RANGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0122950	SWITCH, LIMIT: POTENTIAL: 230/500 VAC; CURRENT: 10-6 A; ACTION: SPDT; ACTUATOR: ROLLER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: NEMA 4; USED ON HP AND IP CONTROL VALVE SERVOMOTORS; CONSISTING OF WIDE BODY PLUS PLAIN PLUNGER; REFERENCE NO: 3SE3100-1B; REFERENCE NO: 3SX3 100; REFERENCE NO: 5160-296; REFERENCE NO: 5160-296/5360-296; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0123639	SWITCH, LEVEL: METHOD OF ACTUATION: FLOAT; POTENTIAL: 380 VAC; CURRENT: 6 A; ACTION: SPDT; PEAR BALL; MERCURY SWITCH; COMPLETE WITH 6M CABLE; REFERENCE NO: ENH10; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0123694	SWITCH, LIMIT: POTENTIAL: 300 VAC; CURRENT: 10 A; ACTION: 4PDT; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 2NO 2NC; ENCLOSURE: WATERTIGHT; REFERENCE NO: 3SE3-404-I; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0123701	SWITCH, PRESSURE: TYPE: GAGE; RANGE: 50-600 KPA; POTENTIAL: 240 VAC; CURRENT: 5 A; ACTION: SPST; CONNECTION: 1/2 IN-BSP; CONTACT ARRANGEMENT: NO; ENCLOSURE RATING: IP54; PART NO: DNS 6-201, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0123707	SWITCH, FLOW: MATERIAL: BRS/SS; POTENTIAL: 125/230 VAC; CURRENT: 7.4 A; RANGE: 150 PSI; ACTION: SPDT; CONNECTION: THD 32 MM; ENCLOSURE: IP67; DIMENSIONS: WD 70 X LG 90 MM; ENCLOSURE RATING: SS GR 316; PIPE CONNECTION: NPT 1-1/4 IN; 115VAC, 7.4 A.F.L, 44.4 A.L.R, 3.7 A.F.L, 22.2 A.L.R, PILOT DUTYRATING, VA 115- FOR FLUID, 220 DEG F, WIRE FOR AT LEAST 75 DEG C, 300 DEG F; PART NO: FS4-3J, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0147268	SWITCH, PROXIMITY: TYPE: INDUCTIVE; SENSING RANGE: 35 MM; POTENTIAL: 10-65 VDC; CURRENT: 200 MA; ACTION: PNP; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 10-65 VDC; DIMENSIONS: SQ 40 X LG 114 MM; CONNECTION: 4 WIRE; SN 30MM, FOR LONG TRAVEL CODED POST ASSEMBLY; DRAWING NO: A87868/120; PART NO: NI35-CP40-VP4X2, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0147744	SWITCH, PROXIMITY: TYPE: TWO WIRE DC; SENSING RANGE: 40 MM; POTENTIAL: 5-60 VDC; CURRENT: 20 MA; ACTION: (2) SPST; CONTACT ARRANGEMENT: NO NC; PART NO: NBN40-U4-Z2, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0148120	SWITCH, PROXIMITY: POTENTIAL: 10-65 VDC; REFERENCE NO: NJ15-30GM50-A2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0148967	SWITCH, PROXIMITY: TYPE: INDUCTIVE; SENSING RANGE: 25 MM; POTENTIAL: 8.2 VDC; REFERENCE NO: NI25-G47-Y1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0178586	SWITCH, LEVEL: METHOD OF ACTUATION: MAGNETIC; RANGE: 0-100 DEG C; POTENTIAL: 220 V; CURRENT: 2 A; POWER: 24 V; ACTION: (2) SPDT; CONTACT ARRANGEMENT: 1NC 1NO; DIMENSIONS: DIA 500 X 200 X 200 MM; APPLICATION: HPH LEVEL; ELECTRICAL CONNECTION: TERMINAL; ENCLOSURE RATING: IP65; CONTACT RATING: 220 2 A; GRADE 11 - SA387 GR11 CLASS 2; MODEL NO: DS3; REFERENCE NO: Z248065; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0212523	SWITCH, LEVEL: RANGE: -0 TO 65 DEG C; POTENTIAL: 10-36 VDC; CURRENT: 200 MA; ENCLOSURE: IP67; ACTION SINGLE THROW, OPERATING RANGE -25 TO 80 DEG C; BE SUPPLIED WITH BINARY LEVEL SWITCH WITH 5M PVC CABLE; PROBE LENGTH 273MM, STYLE CONDUCTIVITY; PART NO: LI5142, SUPPLIER: UNKNOWN; PART NO: EVC005, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0571205	SWITCH, PRESSURE: TYPE: OIL; RANGE: 5-250 BAR; POTENTIAL: 380 V; CURRENT: 6 A; ACTION: SPDT; CONNECTION: 1/4 IN; CONTACT ARRANGEMENT: SPDT; DIMENSIONS: WD 35 X LG 110 X HT 35 MM; APPLICATION: REMOTE TRIP TEST; ELECTRO MECHANICAL PRESSURE SWITCH 1/4 INCH; CONNECTION: 8D SERIES PISTON ACTUATED SWITCH 5-20 BAR; REFERENCE NO: 082055.0001183.0000; PART NO: P/ST8D; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0588051	SWITCH, PRESSURE: TYPE: SOOTBLOWER; RANGE: 0.7-3.3 BAR; POTENTIAL: 250 V; CURRENT: 1 A; ACTION: SP; CONNECTION: NPTF 18 -1/4 IN; CONTACT ARRANGEMENT: 1NO 1NC; DIMENSIONS: SQ 100 MM; ENCLOSURE RATING: IP66; RANGE: 1.4-21 BARS; NEMA TYPE 4; PART NO: 847356-8942; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0592657	SWITCH, PRESSURE: TYPE: INDUSTRIAL; RANGE: 1-110 PSI; POTENTIAL: 24 VDC; CURRENT: 15 A; ACTION: SPDT; CONNECTION: G 1/4 IN TO BS2T19; CONTACT ARRANGEMENT: 1NO 1NC; APPLICATION: FIRE SYSTEM; SQUARE D; REFERENCE NO: ACW1; REFERENCE NO: NF12177-SE 12200; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0596892	SWITCH, PRESSURE: TYPE: FIRE SYSTEM; RANGE: 1-110 PSI; POTENTIAL: 24 VDC; CURRENT: 15 A; ACTION: SPDT; CONNECTION: G1/4 IN-BSPP; CONTACT ARRANGEMENT: 1NO 1NC; SPECIFICATION: BS 2779; REFERENCE NO: ACW-1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0600359	SWITCH, LEVEL: METHOD OF ACTUATION: CAPACITANCE; RANGE: -1 TO 25 BAR; -50 TO 180 DEG C; POTENTIAL: 10-55 VDC; CURRENT: 1-350 MA; POWER: 1.6 W; ACTION: SPST; CONTACT ARRANGEMENT: 2NO 2NC; APPLICATION: TANK; CABLE LENGTH: 15 M; ENCLOSURE RATING: IP66; CLASSIFICATION: NON HAZARDOUS; CAPACITIVE SOLID POINT LEVEL SWITCH; 2 WIRES 01/350MA; RANGE: 200-4000MM; PROCESS CONNECTION: THREAD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0606098	SWITCH, PROXIMITY: TYPE: NON CONTACT; SENSING RANGE: 2 MM; POTENTIAL: 24 VDC; CURRENT: 200 MA; ACTION: PNP; CONTACT ARRANGEMENT: 1NC; CONTACT RATING: 24 VDC 200 MA; DIMENSIONS: DIA 8 X LG 45 MM; APPLICATION: MILL GREASE SYSTEM; OPEN END WITH FERRULES; CABLE LENGTH: 2 M; PART NO: ILS-019; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0624422	SWITCH, PROXIMITY: TYPE: SECONDARY AIR HEATER; SENSING RANGE: 25 MM; POTENTIAL: 10 VDC; CURRENT: 0 A; ACTION: NPN; CONTACT ARRANGEMENT: NO; CLASSIFICATION: IP60; HIGH TEMPERATURE; MANUFACTURER CODE: TURCK NI25-CQ40/S1102 5M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0631502	SWITCH, PRESSURE: TYPE: MILL TRUN JACK OIL; RANGE: 63-103 BAR; POTENTIAL: 250 VDC; CURRENT: 2 A; ACTION: SPDT; CONNECTION: 1/4 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0631503	SWITCH, PRESSURE: TYPE: LP FILTER INL; RANGE: 0-10 BAR; POTENTIAL: 250 VDC; CURRENT: 10 A; ACTION: SPDT; CONNECTION: 1/4 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; APPLICATION: MILL TRUN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0638573	SWITCH, PROXIMITY: TYPE: INDUCTIVE SENSOR; SENSING RANGE: 4 MM; POTENTIAL: 5-60 VDC; CURRENT: 100 MA; ACTION: SPST; CONTACT ARRANGEMENT: 1NO; MODEL NO: NBB5-18GM40-Z0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0667472	SWITCH, DIFFERENTIAL PRESSURE: TYPE: DP PRESSURE TURBINE LUBE OIL FILTERS; VOLTAGE RATING: 250 V; CURRENT RATING: 1 A; MEASUREMENT RANGE: 0-100 BAR; WORKING PRESSURE: 6 BAR; CONTACT ARRANGEMENT: 1NO 1NC; CONNECTION SIZE: R1/4 IN; CONNECTION TYPE: TERMINAL STRIP; PROCESS CONNECTION TYPE: IMPULSE LINE; CONNECTION LOCATION: RH SIDE; ENCLOSURE RATING: IP54; WITH A PRE-SET PRESSURE SET POINT OF 1.2 BAR; REFERENCE NO: 4 36 2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0667591	SWITCH, DIFFERENTIAL PRESSURE: TYPE: DP TURBINE OIL FILTERS; VOLTAGE RATING: 250 V; CURRENT RATING: 1 A; MEASUREMENT RANGE: 0- 100 BAR; WORKING PRESSURE: 6 BAR; CONTACT ARRANGEMENT: 1NO 1NC; CONNECTION SIZE: R 1/4 IN; CONNECTION TYPE: TERMINAL STRIP; TEMPERATURE RATING: 150 DEG C; ELECTRICAL CONNECTION SIZE: 50 HZ; PROCESS CONNECTION TYPE: IMPULSE LINE; CONNECTION LOCATION: RH SIDE; WITH A PRE SET PRESSURE SET POINT OF 0.8 BAR; REFERENCE NO: 4 36 2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	
0667624	SWITCH, DIFFERENTIAL PRESSURE: TYPE: DP PRESSURE TURBINE LUBE OIL FILTERS; VOLTAGE RATING: 220 V; CURRENT RATING: 1 A; MEASUREMENT RANGE: 0-100 BAR; WORKING PRESSURE: 6 BAR; CONTACT ARRANGEMENT: 1NO 1NC; CONNECTION SIZE: R 1/4 IN; CONNECTION TYPE: TERMINAL STRIP; TEMPERATURE RATING: 150 DEG C; ELECTRICAL CONNECTION SIZE: 50 HZ; CONNECTION LOCATION: RH SIDE; ENCLOSURE RATING: IP54; WITH A PRE SET PRESSURE SET POINT OF 0.5 BAR; REFERENCE NO: 4 36 2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

PART 3: SCOPE OF WORK

Document reference	Title	No of pages
C3.1 C3.2	This cover page	1
	<i>Purchaser's Goods Information</i>	
	<i>Supplier's Goods Information</i>	
	Total number of pages	

C3.1: PURCHASER'S GOODS INFORMATION

PART C1: AGREEMENTS & CONTRACT DATA.....	2
Part two - Data provided by the Supplier.	24
Part 2: Pricing Data.....	25
NEC3 Supply Contract.....	25
PART 3: SCOPE OF WORK	7
C3.1: PURCHASER'S GOODS INFORMATION	viii
Supply and delivery of Electrical Switches for a five (5) year period for Stock Replenishment	ix
2. Specification and description of the goods	ix
Supply and delivery of Electrical Switches for a five (5) year period for Stock Replenishment	ix
Health and safety risk management	xv
C4.1: Information about the <i>site</i> at time of tender which may affect the work in this contract:	xviii

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

1. Overview and purpose of the goods and services

Supply and delivery of Electrical Switches for a five (5) year period for Stock Replenishment

2. Specification and description of the goods

Supply and delivery of Electrical Switches for a five (5) year period for Stock Replenishment

Material	Text	UMC
0037161	SWITCH, PROXIMITY: TYPE: INDUCTIVE; SENSING RANGE: 8.1 MM; POTENTIAL: 8 V; CURRENT: 2.2 MA; ACTION: SPST; CONTACT ARRANGEMENT: 1NC; PART NO: NCB10-30GM40-N0, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120192	SWITCH: TYPE: TILT CONTROL; POTENTIAL: 125/250/480 VAC; CURRENT: 20 A; MOUNT: SCREW; STD, OPERATES ON TWO WIRE SYSTEM, WEATERTIGHT HEAVY DUTY CAST IRON, INCLUDES 1/2 IN WEATHERTIGHT CONDUIT CONNECTION FOR 1/4 IN DIA CABLE; SERIAL NO: BA2RV22; PART NO: TC1, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120193	SWITCH, LEVEL: METHOD OF ACTUATION: DIAPHRAGM; RANGE: -40 TO 82 DEG C; POTENTIAL: 125/480 VAC; CURRENT: 15 A; ACTION: SPDT; CONTACT ARRANGEMENT: SPDT; DIMENSIONS: DIA 8 IN; ELECTRICAL CONNECTION: M20 X 1.5 CABLE; ENCLOSURE: IP66; ENCLOSURE RATING: NEMA 4; CONTACT RATING: 15 A; BIN CONTROL; LEVEL TROLBRAND ULTRA SENSITIVE DIAPHRAGM; NEOPRENE; BOLT CIRCLE 7 1/2 IN; HOLE REQUIRED IN BIN 7 IN; (6) 7/32 DIA MOUNTING HOLES; MODEL NO: AB-R, LAD101701; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120204	SWITCH, LIMIT: POTENTIAL: 400 V; CURRENT: 10 A; ACTION: SPDT; ACTUATOR: PLUNGER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP66; PART NO: ZCK-M1, SUPPLIER: UNKNOWN; PART NO: XCKM-110 H29, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120638	SWITCH, PUSHBUTTON: HEAD STYLE: FLUSH CIRCULAR; COLOR: RED; ELECTRICAL RATING: 600 VAC; ACTION: DPDT; CONTACT ARRANGEMENT: 1NO 1NC; MOUNT: PANEL; CHROMIUM PLATED METAL BEZEL; SCREW AND CAPTIVE CABLE CLAMP CONNECTION; PART NO: XB2MA41, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120658	SWITCH, LIMIT: POTENTIAL: 600 V; ACTION: SPDT; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE RATING: CI; PART NO: CHW93053, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120727	SWITCH, LIMIT: POTENTIAL: 500 VAC; 600 VDC; CURRENT: 6 A; ACTION: DPST; ACTUATOR: PLUNGER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP67; METAL CLAD POSITION; WIDE HOUSING; SNAP ACTION CONTACTS; 6MM STROKE; REFERENCE NO: 3SE5122-0CE01; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120734	SWITCH, LIMIT: POTENTIAL: 380 V; ACTION: DPDT; ACTUATOR: ROLLER; CONTACT ARRANGEMENT: 2NO 2NC; ENCLOSURE: IP67; SPECIFICATION: DIN EN 50041; SERIES 335, SLOW ACTION SWITCHING WITH CONTACT STAGGERING; PART NO: TR335-02 ZH, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120804	SWITCH, LIMIT: POTENTIAL: 500 VAC; CURRENT: 10 A; ACTION: DPDT; ACTUATOR: ANGULAR ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP67; ENCLOSURE RATING: METAL; GROUP NUMBER 5660 POS 115; USED ON IP BYPASS CONTROL VALVE SERVOMOTOR; REFERENCE NO: 3SE3100-1F; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120806	SWITCH, LIMIT: POTENTIAL: 500 VAC; CURRENT: 10 A; ACTION: DPDT; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP67; SPECIFICATION: VDE0660; HEAVY DUTY; GROUP NUMBER 7660-112; REFERENCE NO: 3SE3120-1J; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0120844	SWITCH, LIMIT: POTENTIAL: 380/450 VAC; CURRENT: 16 A; ACTION: SPST; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP65; SPECIFICATION: VDE0660; AC 11; FUSE T25A; LUFFING HIGH AND LOW OR USE ON BOOM CONVEYOR LUFFING LIMITS ON THE ASH DUMP STACKING SYSTEM; REFERENCE NO: TD441-11Y; PART NO: F, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120845	SWITCH, PUSHBUTTON: HEAD STYLE: MUSHROOM; COLOR: RED; ELECTRICAL RATING: 230 VAC; ACTION: SPDT; CONTACT ARRANGEMENT: 1NO 1NC; MOUNT: PANEL; EMERGENCY STOP; WITH RED MUSHROOM HEAD OPERATOR; THE OPERATOR WILL REMAIN IN THE DEPRESSED POSITION UNTIL RELEASED BY TURNING ITS SLEEVE; LIST NO: 91176; REFERENCE NO: CHB91176; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120846	SWITCH, LIMIT: POTENTIAL: 230 V; CURRENT: 2.5 A; ACTION: SPST; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: METAL; ENCLOSURE RATING: IP55; IP65; SPECIFICATION: DIN 43694; SERIES M330; SNAP ACTION SWITCHING; ACTUATING UNIT TOP ROLLER LEVER FORM K; ACTUATING FORCE 19; PART NO: MV8H33011YA, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120849	SWITCH, LIMIT: POTENTIAL: 550 VAC; CURRENT: 5 A; ACTION: SPDT; ACTUATOR: LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: ALUMINUM; MARK III; 380VAC; BRAKE SIZE MTWK 315KT 1503; INCLUDING LEVER 440S-S540014; REFERENCE NO: 16D-1200; PART NO: 560046 (OLD), SUPPLIER: UNKNOWN; PART NO: 560010 (NEW), SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0120858	"SWITCH, LIMIT: POTENTIAL: 380 V, ACTUATOR: LEVER ARM ACTION: SPST CONTACT ARRANGEMENT: 1NO 1NC ENCLOSURE: IP66 CURRENT: 10 A, 4 A RESITIVE, REFERENCE NO: A300, PART NO: ZCKJ1429 VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER."	EA
0120929	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 11-225; PROOF 340 BAR; POTENTIAL: 250/480 VAC; CURRENT: 10-3 A; ACTION: SPDT; CONNECTION: BOTTOM 1/4 IN-FNPT; DIMENSIONS: WD 110 X LG 130 X HT 60 MM; 125-250VOLTS/10 AMPS, 480VOLTS/3A DC; REFERENCE NO: B1T-H32; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121114	SWITCH, TEMPERATURE: RANGE: -232 TO 66 DEG C; POTENTIAL: 250 VAC; CURRENT: 3 A; CONTACT ARRANGEMENT: 1NO 1NC; TEMP UNITS 18 DEG TO 260 DEG C; REFERENCE NO: MLIH-H454; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121186	SWITCH, LIMIT: POTENTIAL: 600 V; CURRENT: 12 A; ACTION: SPDT; ACTUATOR: LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: NEMA 2; COMPRISING OF BODY E50SA SERIES A2; RECEPTICAL E50RA20 SERIES A1; HEAD E50DRI; 5 DEG PRE-TRAVEL; LEVER E50KL377; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121264	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 1.5-500 MBAR; POTENTIAL: 380 V; CURRENT: 16 A; ACTION: SPDT; CONNECTION: BOTTOM 1/2 IN-FNPT; 13/16 IN CONDUIT; GEORGIN; FOR GENERATOR 687 MVA; PART NO: DMABV96R54.40, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121275	SWITCH, PRESSURE: TYPE: LUBE OIL; RANGE: 1-10 BAR; POTENTIAL: 250 VAC; CURRENT: 5 A; ACTION: SPDT; CONNECTION: BOTTOM/PLUG 1/4 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121651	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 41-410 KPA; POTENTIAL: 125/250 VAC/DC; ACTION: SPDT; CONNECTION: BOTTOM 32 MM FNPT; WITH CHEMICAL SEAL; 20 MM CONDUIT; REFERENCE NO: PB17A; REFERENCE NO: PB17A/RE10A42; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121652	SWITCH, SENSITIVE: CONTACT ARRANGEMENT: 1NO 1NC; POTENTIAL: 380 VAC; CURRENT: 15 A; BODY STYLE: MICRO; MOUNT: HOUSING; ACTION SPDT; COAL CONVEYOR BLOCK CHUTE DETECTOR; REFERENCE NO: BZ-2R-A2-N94; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0121690	SWITCH, PRESSURE: TYPE: AIR; RANGE: 41-410 KPA; POTENTIAL: 125/250 VAC; CURRENT: 5 A; ACTION: SPDT; CONNECTION: 11 MM FNPT; UNIT; ASCO; BOTTOM; 20 MM CONDUIT; CATALOGUE NO: PB17A/RE10A21; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121692	SWITCH, SENSITIVE: ACTUATOR STYLE: PLUNGER; CONTACT ARRANGEMENT: 1NO 1NC; POTENTIAL: 220 VAC; CURRENT: 10 A; ACTUATOR QUANTITY: 1; BODY STYLE: MICRO; ACTION: SPDT; METAL ENCLOSURE; BURGESS; RUBBER BOOT ON ARM; SIZE: 52MM X 20MM X 29MM; MODEL NO: 4BR CSA; PART NO: TYPE 4BR CSA, SUPPLIER: UNKNOWN; PART NO: 9421186, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121694	SWITCH, SENSITIVE: ACTUATOR STYLE: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO; POTENTIAL: 600 VAC; CURRENT: 6 A; ACTUATOR QUANTITY: 1; BODY STYLE: MICRO; APPLICATION: SOOTBLOWER; ACTION: SPST; CRAIG AND DERICOTT; 1HP-115V; 2HP-230/460V; 20A 125-750/460V; MODEL NO: A/06 A2/33; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121702	SWITCH, FLOW: MATERIAL: BRS/SS; POTENTIAL: 24/250 VAC; CURRENT: 15-8 A; RANGE: 11 BAR; ACTION: SPDT; CONNECTION: 1-1/4 IN-NPT; ENCLOSURE: IP67; DIMENSIONS: WD 55 X LG 85 MM; ENCLOSURE RATING: IP67; SCALE DN 1-8 INCH, GRADE 316; REFERENCE NO: JSF-1E; PART NO: ALRE-IT JSF-1E, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121707	SWITCH, SELECTOR: POTENTIAL: 220 V; CONTACT ARRANGEMENT: 6NO 6NC; ACTION: 12PDT; PART NO: C+N-CA10A370-600E, SUPPLIER: UNKNOWN; PART NO: C+N TYPE 600E, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121718	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 5-55 BAR; POTENTIAL: 250VAC; 30VDC; ACTION: SPDT; CONNECTION: BOTTOM FNPT 1/2 IN; CURRENT: 3 A; ENCLOSURE RATING: IP65; PART NO: DS502, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121730	SWITCH, LEVEL: METHOD OF ACTUATION: MAGNETIC FLOAT; RANGE: 7 BAR; POTENTIAL: 440 VAC; 240 VDC; CURRENT: 8 A AC; 2 A DC; ACTION: DPDT; CONTACT ARRANGEMENT: 2NO 2NC; USED ON THE BOILER WATER SEALS; PART NO: S01DB/F21-1, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121737	SWITCH, LIMIT: POTENTIAL: 120/240/480 VAC; CURRENT: 6-3-1.5 A; ACTION: DPDT; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: OILTIGHT; OIL PROOF, WITH LEVER AND ROLLERS; ALLEN BRADLEY TYPE; PART NO: 802T-AMS6UD, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121962	SWITCH, PRESSURE: POTENTIAL: 125/250 VAC; CURRENT: 5 A; ACTION: SPDT; UNIT ASSEMBLY; REFERENCE NO: PB31A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121963	SWITCH, PRESSURE: TYPE: PRESSURE; RANGE: 11-114 BAR; POTENTIAL: 125/250 VAC; CURRENT: 5 A; ACTION: SPDT; CONNECTION: NPT; CONTACT ARRANGEMENT: 1NO 1NC; FOR USE ON LINAS RECORDER; REFERENCE NO: PB21A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121965	SWITCH: TYPE: TEMPERATURE; POTENTIAL: 125/250 VAC; CURRENT: 5 A; CONTACT ARRANGEMENT: 1NO 1NC; ACTION: SPDT; UNIT; REFERENCE NO: PB47A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121968	SWITCH, PRESSURE: POTENTIAL: 125/250 VAC; CURRENT: 5 A; ACTION: SPDT; ASSEMBLY; ASCO; PART NO: PB46A, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0121975	SWITCH, SENSITIVE: ACTUATOR STYLE: LEVER; CONTACT ARRANGEMENT: 1NO 1NC; POTENTIAL: 220 VAC; CURRENT: 5 A; BODY STYLE: MICRO; MOUNT: BASE; LIMIT, ACTION SPST; PART NO: 83106, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0121989	"SWITCH, SPEED: POTENTIAL: 600 VAC; CURRENT: 5 A; CALIBRATION: 286 RPM; SERIAL NO: CS-C89-10196, REFERENCE NO: CSG84-6521 VENDORS A RE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER."	EA
0122012	SWITCH, LIMIT: POTENTIAL: 380 VAC; CURRENT: 10 A; ACTION: SPDT; ACTUATOR: ROLLER LEVER PLUNGER; CONTACT ARRANGEMENT: 1NO 1NC; DIMENSIONS: WD 53 X LG 60 MM; ENCLOSURE RATING: IP66; ACTUATION BY 30 DEG CAM, MAXIUM SPEED 1.5M/S; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0122013	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 20-530 KPA; CONNECTION: 1/4 IN-FNPT; CONNECTION 1-4INS INTERNAL; VERSION WITH HOUSING AND CLAMPING STRIP FOR RACK OIL; DRAWING NO: C42.93200-0089; REFERENCE NO: D1T-M80; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0122014	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 3.4-11000 KPA; POTENTIAL: 250/480 VAC; CURRENT: 10-3 A; ACTION: SPDT; CONNECTION: BOTTOM 1/8 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; 13/16 IN CONDUIT; REFERENCE NO: 2X809-0016; PART NO: DPD1T-M80SS, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0122015	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 3.5-85; PROOF 125 BAR; POTENTIAL: 480 VAC; 28 VDC; CURRENT: 3 A AC; 0.5 A DC; ACTION: SPDT; CONNECTION: BOTTOM 1/4 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; DIMENSIONS: WD 110 X LG 130 X HT 60 MM; ENCLOSURE RATING: IP67; 1/4 IN CONDIUT; ADJUSTABLE RANGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0122950	SWITCH, LIMIT: POTENTIAL: 230/500 VAC; CURRENT: 10-6 A; ACTION: SPDT; ACTUATOR: ROLLER; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: NEMA 4; USED ON HP AND IP CONTROL VALVE SERVOMOTORS; CONSISTING OF WIDE BODY PLUS PLAIN PLUNGER; REFERENCE NO: 3SE3100-1B; REFERENCE NO: 3SX3 100; REFERENCE NO: 5160-296; REFERENCE NO: 5160-296/5360-296; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0123639	SWITCH, LEVEL: METHOD OF ACTUATION: FLOAT; POTENTIAL: 380 VAC; CURRENT: 6 A; ACTION: SPDT; PEAR BALL; MERCURY SWITCH; COMPLETE WITH 6M CABLE; REFERENCE NO: ENH10; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0123694	SWITCH, LIMIT: POTENTIAL: 300 VAC; CURRENT: 10 A; ACTION: 4PDT; ACTUATOR: ROLLER LEVER; CONTACT ARRANGEMENT: 2NO 2NC; ENCLOSURE: WATERTIGHT; REFERENCE NO: 3SE3-404-I; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0123701	SWITCH, PRESSURE: TYPE: GAGE; RANGE: 50-600 KPA; POTENTIAL: 240 VAC; CURRENT: 5 A; ACTION: SPST; CONNECTION: 1/2 IN-BSP; CONTACT ARRANGEMENT: NO; ENCLOSURE RATING: IP54; PART NO: DNS 6-201, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0123707	SWITCH, FLOW: MATERIAL: BRS/SS; POTENTIAL: 125/230 VAC; CURRENT: 7.4 A; RANGE: 150 PSI; ACTION: SPDT; CONNECTION: THD 32 MM; ENCLOSURE: IP67; DIMENSIONS: WD 70 X LG 90 MM; ENCLOSURE RATING: SS GR 316; PIPE CONNECTION: NPT 1-1/4 IN; 115VAC, 7.4 A.F.L, 44.4 A.L.R, 3.7 A.F.L, 22.2 A.L.R, PILOT DUTYRATING, VA 115- FOR FLUID, 220 DEG F, WIRE FOR AT LEAST 75 DEG C, 300 DEG F; PART NO: FS4-3J, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0147268	SWITCH, PROXIMITY: TYPE: INDUCTIVE; SENSING RANGE: 35 MM; POTENTIAL: 10-65 VDC; CURRENT: 200 MA; ACTION: PNP; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 10-65 VDC; DIMENSIONS: SQ 40 X LG 114 MM; CONNECTION: 4 WIRE; SN 30MM, FOR LONG TRAVEL CODED POST ASSEMBLY; DRAWING NO: A87868/120; PART NO: NI35-CP40-VP4X2, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0147744	SWITCH, PROXIMITY: TYPE: TWO WIRE DC; SENSING RANGE: 40 MM; POTENTIAL: 5-60 VDC; CURRENT: 20 MA; ACTION: (2) SPST; CONTACT ARRANGEMENT: NO NC; PART NO: NBN40-U4-Z2, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0148120	SWITCH, PROXIMITY: POTENTIAL: 10-65 VDC; REFERENCE NO: NJ15-30GM50-A2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0148967	SWITCH, PROXIMITY: TYPE: INDUCTIVE; SENSING RANGE: 25 MM; POTENTIAL: 8.2 VDC; REFERENCE NO: NI25-G47-Y1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0178586	SWITCH, LEVEL: METHOD OF ACTUATION: MAGNETIC; RANGE: 0-100 DEG C; POTENTIAL: 220 V; CURRENT: 2 A; POWER: 24 V; ACTION: (2) SPDT; CONTACT ARRANGEMENT: 1NC 1NO; DIMENSIONS: DIA 500 X 200 X 200 MM; APPLICATION: HPH LEVEL; ELECTRICAL CONNECTION: TERMINAL; ENCLOSURE RATING: IP65; CONTACT RATING: 220 2 A; GRADE 11 - SA387 GR11 CLASS 2; MODEL NO: DS3; REFERENCE NO: Z248065; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0212523	SWITCH, LEVEL: RANGE: -0 TO 65 DEG C; POTENTIAL: 10-36 VDC; CURRENT: 200 MA; ENCLOSURE: IP67; ACTION SINGLE THROW, OPERATING RANGE -25 TO 80 DEG C; BE SUPPLIED WITH BINARY LEVEL SWITCH WITH 5M PVC CABLE; PROBE LENGTH 273MM, STYLE CONDUCTIVITY; PART NO: LI5142, SUPPLIER: UNKNOWN; PART NO: EVC005, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0571205	SWITCH, PRESSURE: TYPE: OIL; RANGE: 5-250 BAR; POTENTIAL: 380 V; CURRENT: 6 A; ACTION: SPDT; CONNECTION: 1/4 IN; CONTACT ARRANGEMENT: SPDT; DIMENSIONS: WD 35 X LG 110 X HT 35 MM; APPLICATION: REMOTE TRIP TEST; ELECTRO MECHANICAL PRESSURE SWITCH 1/4 INCH; CONNECTION: 8D SERIES PISTON ACTUATED SWITCH 5-20 BAR; REFERENCE NO: 082055.0001183.0000; PART NO: P/ST8D; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0588051	SWITCH, PRESSURE: TYPE: SOOTBLOWER; RANGE: 0.7-3.3 BAR; POTENTIAL: 250 V; CURRENT: 1 A; ACTION: SP; CONNECTION: NPTF 18 -1/4 IN; CONTACT ARRANGEMENT: 1NO 1NC; DIMENSIONS: SQ 100 MM; ENCLOSURE RATING: IP66; RANGE: 1.4-21 BARS; NEMA TYPE 4; PART NO: 847356-8942; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0592657	SWITCH, PRESSURE: TYPE: INDUSTRIAL; RANGE: 1-110 PSI; POTENTIAL: 24 VDC; CURRENT: 15 A; ACTION: SPDT; CONNECTION: G 1/4 IN TO BS2T19; CONTACT ARRANGEMENT: 1NO 1NC; APPLICATION: FIRE SYSTEM; SQUARE D; REFERENCE NO: ACW1; REFERENCE NO: NF12177-SE 12200; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0596892	SWITCH, PRESSURE: TYPE: FIRE SYSTEM; RANGE: 1-110 PSI; POTENTIAL: 24 VDC; CURRENT: 15 A; ACTION: SPDT; CONNECTION: G1/4 IN-BSPP; CONTACT ARRANGEMENT: 1NO 1NC; SPECIFICATION: BS 2779; REFERENCE NO: ACW-1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0600359	SWITCH, LEVEL: METHOD OF ACTUATION: CAPACITANCE; RANGE: -1 TO 25 BAR; -50 TO 180 DEG C; POTENTIAL: 10-55 VDC; CURRENT: 1-350 MA; POWER: 1.6 W; ACTION: SPST; CONTACT ARRANGEMENT: 2NO 2NC; APPLICATION: TANK; CABLE LENGTH: 15 M; ENCLOSURE RATING: IP66; CLASSIFICATION: NON HAZARDOUS; CAPACITIVE SOLID POINT LEVEL SWICH; 2 WIRES 01/350MA: RANGE: 200-4000MM; PROCESS CONNECTION: THREAD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0606098	SWITCH, PROXIMITY: TYPE: NON CONTACT; SENSING RANGE: 2 MM; POTENTIAL: 24 VDC; CURRENT: 200 MA; ACTION: PNP; CONTACT ARRANGEMENT: 1NC; CONTACT RATING: 24 VDC 200 MA; DIMENSIONS: DIA 8 X LG 45 MM; APPLICATION: MILL GREASE SYSTEM; OPEN END WITH FERRULES; CABLE LENGTH: 2 M; PART NO: ILS-019; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

0624422	SWITCH, PROXIMITY: TYPE: SECONDARY AIR HEATER; SENSING RANGE: 25 MM; POTENTIAL: 10 VDC; CURRENT: 0 A; ACTION: NPN; CONTACT ARRANGEMENT: NO; CLASSIFICATION: IP60; HIGH TEMPERATURE; MANUFACTURER CODE: TURCK NI25-CQ40/S1102 5M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0631502	SWITCH, PRESSURE: TYPE: MILL TRUN JACK OIL; RANGE: 63-103 BAR; POTENTIAL: 250 VDC; CURRENT: 2 A; ACTION: SPDT; CONNECTION: 1/4 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0631503	SWITCH, PRESSURE: TYPE: LP FILTER INL; RANGE: 0-10 BAR; POTENTIAL: 250 VDC; CURRENT: 10 A; ACTION: SPDT; CONNECTION: 1/4 IN-FNPT; CONTACT ARRANGEMENT: 1NO 1NC; APPLICATION: MILL TRUN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0638573	SWITCH, PROXIMITY: TYPE: INDUCTIVE SENSOR; SENSING RANGE: 4 MM; POTENTIAL: 5-60 VDC; CURRENT: 100 MA; ACTION: SPST; CONTACT ARRANGEMENT: 1NO; MODEL NO: NBB5-18GM40-Z0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0667472	SWITCH, DIFFERENTIAL PRESSURE: TYPE: DP PRESSURE TURBINE LUBE OIL FILTERS; VOLTAGE RATING: 250 V; CURRENT RATING: 1 A; MEASUREMENT RANGE: 0-100 BAR; WORKING PRESSURE: 6 BAR; CONTACT ARRANGEMENT: 1NO 1NC; CONNECTION SIZE: R1/4 IN; CONNECTION TYPE: TERMINAL STRIP; PROCESS CONNECTION TYPE: IMPULSE LINE; CONNECTION LOCATION: RH SIDE; ENCLOSURE RATING: IP54; WITH A PRE-SET PRESSURE SET POINT OF 1.2 BAR; REFERENCE NO: 4 36 2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0667591	SWITCH, DIFFERENTIAL PRESSURE: TYPE: DP TURBINE OIL FILTERS; VOLTAGE RATING: 250 V; CURRENT RATING: 1 A; MEASUREMENT RANGE: 0- 100 BAR; WORKING PRESSURE: 6 BAR; CONTACT ARRANGEMENT: 1NO 1NC; CONNECTION SIZE: R 1/4 IN; CONNECTION TYPE: TERMINAL STRIP; TEMPERATURE RATING: 150 DEG C; ELECTRICAL CONNECTION SIZE: 50 HZ; PROCESS CONNECTION TYPE: IMPULSE LINE; CONNECTION LOCATION: RH SIDE; WITH A PRE SET PRESSURE SET POINT OF 0.8 BAR; REFERENCE NO: 4 36 2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0667624	SWITCH, DIFFERENTIAL PRESSURE: TYPE: DP PRESSURE TURBINE LUBE OIL FILTERS; VOLTAGE RATING: 220 V; CURRENT RATING: 1 A; MEASUREMENT RANGE: 0-100 BAR; WORKING PRESSURE: 6 BAR; CONTACT ARRANGEMENT: 1NO 1NC; CONNECTION SIZE: R 1/4 IN; CONNECTION TYPE: TERMINAL STRIP; TEMPERATURE RATING: 150 DEG C; ELECTRICAL CONNECTION SIZE: 50 HZ; CONNECTION LOCATION: RH SIDE; ENCLOSURE RATING: IP54; WITH A PRE SET PRESSURE SET POINT OF 0.5 BAR; REFERENCE NO: 4 36 2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

Health and safety risk management

RISK	Mitigating Factors	Level
Delays: Failure to complete the works as per agreed program	Delay damages to be imposed on the delayed key date as per the contract data and in line with the approved schedule at 2% per day up to a maximum of 15% per task order. This also applies all defects notifications that will be issued during execution.	Medium
Safety Non- compliance to all legal requirements	<ol style="list-style-type: none"> 1. Driver training & competence 2. Strict adherence to the rules and Eskom vehicle specifications and other procedures 3. Strict adherence to Eskom offloading processes. 4. Adherence to vehicle maintenance plans and daily/pre-trip inspections 5. Strict adherence to travelling task risk assessment 	High
Quality: Quality requirements categorisation Preservation and transportation Requirements	<p>Category 2 - Quality Requirements to be met</p> <p>The service provider is to ensure that all products are preserved in their appropriate manner as described in their specifications or in Eskom’s Preservation, Shipping and Transportation procedures as applicable. The service provider ensures that all storage requirements for products are properly implemented to preserve the products against adverse conditions, deterioration, damage, etc. Storage and preservation procedures for the different products must be submitted to the client for review and acceptance. The client may request to inspect the stored products at any given point during the storage period of the product.</p>	Medium
Documentation and records control	All documents and records management should be performed according to Technical Document and Record Management Work Instruction (240-76992014). The Project Manager ensures that the service provider is provided with the latest revision	Medium

Quality

The service provider shall deliver the procured electrical cables with the data book. The data book shall consist of the following documents:

- Signed off manufacturing quality control plan.
- Destructive and Non-Destructive testing reports.
- Visual and dimensional report
- Heat treatment charts, chemical certificate and Hardness report
- All concessions if there is any.
- Transport the products in such a way to avoid damage.

Supplier must ensure that product is packaged and transported in such a way that it safe, well stacked and preserved.

To ensure conformance to Quality Management Systems Standards such as:

- ISO 9001:2015 Quality Management System requirements
- ISO 10005 Quality Management System Guidelines for Quality Plans
- ISO 10006 Quality Management Systems Guidelines for Quality Management in Projects
- ISO 10007 Quality Management Systems Guideline for Configuration Management
- ISO 31000 Risk Management Principles & Guidelines

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

2. Invoicing and payment

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

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

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

The contract number and title.

Supplier's VAT registration number.

The *Purchaser's* VAT registration number.

Description of *goods* and *services* provided for each item invoiced based on the Price Schedule.

Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT.

(Add other as required)

3. Constraints on how the *Supplier* Provides the Goods

3.1 Constraints (see clause 11.2 (5))

- Failure to meet all the requirements of the above specifications, shall result in rejection by the *Purchaser*.
- On date of delivery, Quality Control inspection shall be conducted by the *Purchaser*.

3.2 Incidents / Accidents

- Incidents and accidents must be reported to the *Purchaser* within 24 hours.
- First aid must be made available by the *Supplier*. Alternatively use can be made of the Lethabo medical centre at a fee. The availability of the *Supplier's* own first aid does not relieve the *Supplier* of his obligation to report and investigate the incident.

3.3 Fire Prevention

- Fire prevention and protection requirements, to which *Suppliers* must comply, are detailed in LBA 00030.

3.4 Protective Equipment and Clothing

- The *Supplier* supplies his own personal protective equipment necessary to carry out the *works* and the *Supplier* shall ensure that all overalls for his staff have clearly identifying **company LOGO's**.
- The *Supplier* is also responsible to inspect and maintain such equipment as required in terms of the OHSACT and local procedures.

3.5 Inspection of Equipment

- The *Supplier's* equipment is inspected by an authorised Eskom employee on arrival at the site.

3.6 Environmental Policy and Waste Handling

Not Applicable

3.7 Equipment or Material Access and Removal

- The *Supplier* ensures that all equipment and materials brought through the security gate is signed in at the main security gate on an OV18 form.
- If the equipment or material is to be removed the same day, then the OV18 form will need to be produced at the gate when leaving the site.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

- The *Supplier* is not allowed to remove any equipment or materials from site without producing the relevant OV18 forms, or the equipment lists.

List of drawings

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
N/A		

Site Information

C4.1: Information about the *site* at time of tender which may affect the work in this contract:

1. Site Procedures and Regulations

1.1 Health and Safety Requirements

The *Contractor* and his sub-*Contractors* ensure at all times compliance with safety regulations imposed by any Act of Parliament, ordinance or any regulation or by-law of any local or statutory authority.

- The *Contractor* acts in accordance with the health and safety requirements stated in the Works Information.
- In carrying out its obligations to the *Employer* in terms of this contract; in providing the Works; in using Plant, Materials and Equipment; and while at the Site for any reason, the *Contractor* complies and procures the compliance by its employees, agents, Sub-*Contractors* and mandataries with:
- the provisions of the Occupational Health and Safety Act 85 of 1993 (as amended) and all regulations in force from time to time in terms of that Act ("the OHSA"); and the Eskom "Health, Safety and Environmental specifications for *Contractors*" document attached to the Works Information (as amended from time to time) and such other Eskom Safety Regulations as are applicable to the Works and are provided in writing to the *Contractor* (collectively "the Eskom Regulations"). The Eskom Regulations may be amended from time to time by the *Employer* and all amendments will be provided in writing to the *Contractor*. The *Contractor* complies with the provisions of the latest written version of the Eskom Regulations with which it has been provided; and the health and safety plan prepared by the *Contractor* in accordance with the SHEQ Requirements (The OHSA and the Eskom Regulations are collectively referred to as the "SHEQ Requirements".)
- The *Contractor*, at all times, considers itself to be the "*Employer*" for the purposes of the OHSA and shall not consider itself under the supervision or management of the *Employer* with regard to compliance with the SHEQ Requirements, the *Contractor* shall furthermore not consider itself to be a subordinate or under the supervision of the *Employer* in respect of these matters. The *Contractor* is at all times responsible for the supervision of its employees, agents, Sub-*Contractors* and mandataries and takes full responsibility and accountability for ensuring they are competent, aware of the SHEQ Requirements and execute the Works in accordance with the SHEQ Requirements
- The *Contractor* acknowledges that it is fully aware of the requirements of all the above and undertakes to employ only people who have been duly authorized in terms thereof and who have received sufficient training to ensure that they can comply therewith.
- The *Contractor* ensures that all statutory appointments and appointments required by any Eskom Regulations are made and that all appointees fully understand their responsibilities and are trained and competent to execute their duties. The *Contractor* supervises the execution of their duties by all such appointees.
- The *Contractor* shall appoint a person who will liaise with the Eskom Safety Officer responsible for the premises relevant to this contract. The person so appointed shall, on request: supply the Eskom Safety Officer with copies of minutes of all Health and Safety Committee meetings, whenever he is required to do so; supply the Eskom Safety Officer with copies of all appointments in respect of employees employed on this contract, in terms of the Act and Regulations and shall advise the Eskom Safety Officer of any changes thereto.

The *Employer*, or any person appointed by the *Employer*, may, at any stage during the duration of this contract:

- conduct health and safety audits regarding all aspects of compliance with the SHEQ Requirements, at any off-site place of work, or the site establishment of the *Contractor*.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

- refuse any employee, Sub *Contractor* or agent of the *Contractor* access to the premises if such person has been found to commit an unsafe act or any unsafe working practice or is found not to be qualified or authorised in terms of the SHEQ Requirements.
 - issue the *Contractor* with a stop order should the *Employer* become aware of any unsafe working procedure or condition or any non-compliance with any provision of the SHEQ Requirements.
 - The *Contractor* immediately reports any disabling injury as well as any threat to health or safety of which it becomes aware at the Works or on the Site to the *Employer's Representative*.
- The *Contractor* undertakes not to do, or not to allow anything to be done which will contravene any of the provisions of the Act, Regulations or Safety and Operating Procedures.
 - The *Contractor* appoints a person, qualified in accordance with the SHEQ Requirements, as the liaison with the Eskom Safety Officer for all matters related to health and safety, this person shall be reachable 24 hours a day.
 - The *Contractor* confirms that it has been provided with sufficient written information regarding the health and safety arrangements and procedures applicable to the Works to ensure compliance by it and all employees, agents, Sub-*Contractors* or mandataries with the SHEQ Requirements while providing the Works in terms of this contract. As such, the *Contractor* confirms that this contract and the relevant Eskom Regulations referred to in this contract constitute written arrangements and procedures between the *Contractor* and the *Employer* regarding health and safety for the purposes of section 37(2) of the OHSA.
 - The *Contractor* agrees that the *Employer* is relieved of any and all of its responsibilities and liabilities in terms of Section 37(1) of OHSA in respect of any acts or omissions of the *Contractor*, and the *Contractor's* employees, agents or Sub-*Contractors*, to the extent permitted by the OHSA.
 - The *Contractor* hereby indemnifies the *Employer* and holds the *Employer* harmless in respect of any and all loss, costs, claims, demands, liabilities, damage, penalties or expense that may be made against the *Employer* and/or suffered or incurred by the *Employer* (as the case may be) as a result of, any failure of the *Contractor*, its employees, agents, Sub-*Contractors* and/or mandataries to comply with their obligations in terms of clause 16, and/or the failure of the *Employer* to procure the compliance by the *Contractor*, its employees, agents, Sub *Contractors* and/or mandataries with their responsibilities and/or obligations in terms of or arising from the OHSA.
- In carrying out his obligation as the mandatory to the *Employer* for this contract in terms of the National Environmental Management Act No.107 of 1998, the *Contractor* ensures that he complies with the Act when Providing the Services or using plant, materials or equipment.

1.2 Permit to Work System

- NO work shall be carried out without a "PERMIT TO WORK"
- The *Contractor's* Responsible Person must satisfy himself that all sources of possible danger are isolated. Details of the Permit to Work system can be found in the Plant Safety Regulations for Lethabo Power Station, Eskom OPR 3305. The *Contractor* must also make provision for a Authorise supervisor that is trained according to the procedure mentioned above.
- A Master Permit to Work is used on declared major outages, details can be found in local procedure LBA 00085. Permit changes are made during the dead time, if it is required by the *Contractor* that a certain supply be made available, or plant tested than this can be applied for at the Outage Management Meeting at least 1 day in advance.
- Plant with a prohibitive sign attached may only be operated by appointed Eskom personnel. Any *Contractor* employee found tampering with such plant will be permanently removed from Site.

1.3 Safety Induction Course

- All the employees of the *Contractor* must attend a safety induction course before they will be allowed to work on the Site. It is the responsibility of the *Contractor* to ensure that all employees have attended the safety induction.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

- A list of employees requiring safety induction must be submitted at least 2 days in advance of arrival on site with the date and time of arrival so that the safety induction can be arranged.

1.4 IBI Awareness Techniques

- "To prevent incidents and ensure continuous improvement of Lethabo Power Stations business performance in all areas affecting safety, reliability and production, it is expected of all **CONTRACTORS** service personnel, to attend a three(3) hour training session on Integrated Business Improvement Awareness, which has to be done as soon as work has commenced; This is to ensure familiarisation and use of error-prevention tools/techniques inclusive of, Pre and Post-job briefs, Risk Assessments, Self-checks(STAR principle), Job observations, Effective communications e.g.3- way, Questioning attitude, Procedural adherence, Hand overs and other related topics.
- A monthly IBI scorecard to be completed indicating the use of error prevention tools/ techniques; The assigned employee fulfilling the role of IBI representative has to attend the IBI representative's forum fortnightly, on Tuesdays, duration one hour.
- An IBI representative appointed by the *Contractor/Supplier/Consultant* to attend the IBI Representative Forum One (1) hour every Tuesday (forth nightly).
- IBI Awareness training will be provided by Lethabo Power Station personnel, free of charge, course bookings can be arranged by contacting Rabie Heymans on extension 5094".

1.5 Transportation of passengers: open LDV's:

No *Eskom employee* or *Contractor* would be allowed to transport passengers on the back of open light delivery vehicles (LDV's).

It is a legal requirement to provide safe transportation of *Eskom* and *Contractor* employees – therefore the following will be enforced:

- All passengers must be transported in a closed vehicle with proper and adequate seating, fitted with safety belt for the number of passengers to be transported. NO passengers may be transported on the back of a light delivery vehicle (LDV) whether open or closed.
- Tools and equipment must be properly secured.
- Only authorised drivers may transport passengers.
- Proof must be submitted on request in terms of valid roadworthiness of the vehicle/s.
- The above must apply to on site and off-site transportation of passengers.

1.6 Eskom Cardinal Rules:

Five Cardinal Rules have been developed that will apply to all Eskom employees, agents, consultants and *Contractors*.

- **Rule 1:** Open, Isolate, Test, Earth, Bond, and/Or insulate before touch - that is any plant operating above 1 000 V.
- **Rule 2:** Hook up at heights - no person may work at height where there is a risk of falling.
- **Rule 3:** Buckle up – no person may drive any vehicle on Eskom business and/or on Eskom premises: unless the driver and all passengers are wearing seat belts.
- **Rule 4:** Be sober (no person is allowed to work under the influence of drugs and alcohol.
- **Rule 5:** Use a permit to work – where an authorization limitation exists, no person shall work without the required permit to work.

1.7 Local Safety Procedures

- The *Contractor* adheres to all local procedures. A list of local procedures are available on request from the *Employer*.

1.8 Incidents / Accidents

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

- Incidents and accidents must be reported and investigated as detailed in LBA 00030. All incidents must also be reported to the *Employer* within 24 hours.
- First aid must be made available either by the *Contractor* or use can be made of the Lethabo medical centre at a fee. The availability of the *Contractor's* own first aid does not relieve the *Contractor* of his obligation to report and investigate the incident in accordance with Lethabo Procedure.

1.9 Fire Prevention

- Fire prevention and protection requirements to which *Contractors* must comply are detailed in LBA 00030.

1.10 Protective Equipment and Clothing

- The *Contractor* supplies his own personal protective equipment necessary to carry out the *works* and the *Contractor* shall ensure that all overalls for his staff have clearly identifying **company LOGO's**.
- The *Contractor* is also responsible to inspect and maintain such equipment as required in terms of the OHS Act and local procedures.

1.11 Inspection of Equipment

- The *Contractor's* equipment is inspected by an authorised Eskom employee on arrival at the site.
- The following documentation is required to accompany the equipment where applicable: copies of all test certificates and maintenance records.
- Lifting equipment and electrical equipment must be marked with a unique number, code or colour code for identification. If the equipment is found to be in an unsatisfactory condition or if insufficient maintenance has been carried out on the equipment, then it will not be approved for use on Site. A list of all lifting equipment and electrical equipment must be submitted to the *Employer* at least 2 days prior to the occupation date. This list must indicate the unique number and description of the equipment.

1.12 Documentation

The *Contractor* is responsible to have the following documentation available on site in accordance with LBA 00030:

- A copy of the OHS Act.
- Copies of all site accident report forms as required by the OHS Act.
- Copies of minutes of health and safety meetings held on site.
- Copies of inspection reports produced by the accident prevention officer

1.13 Environmental Policy and Waste Handling

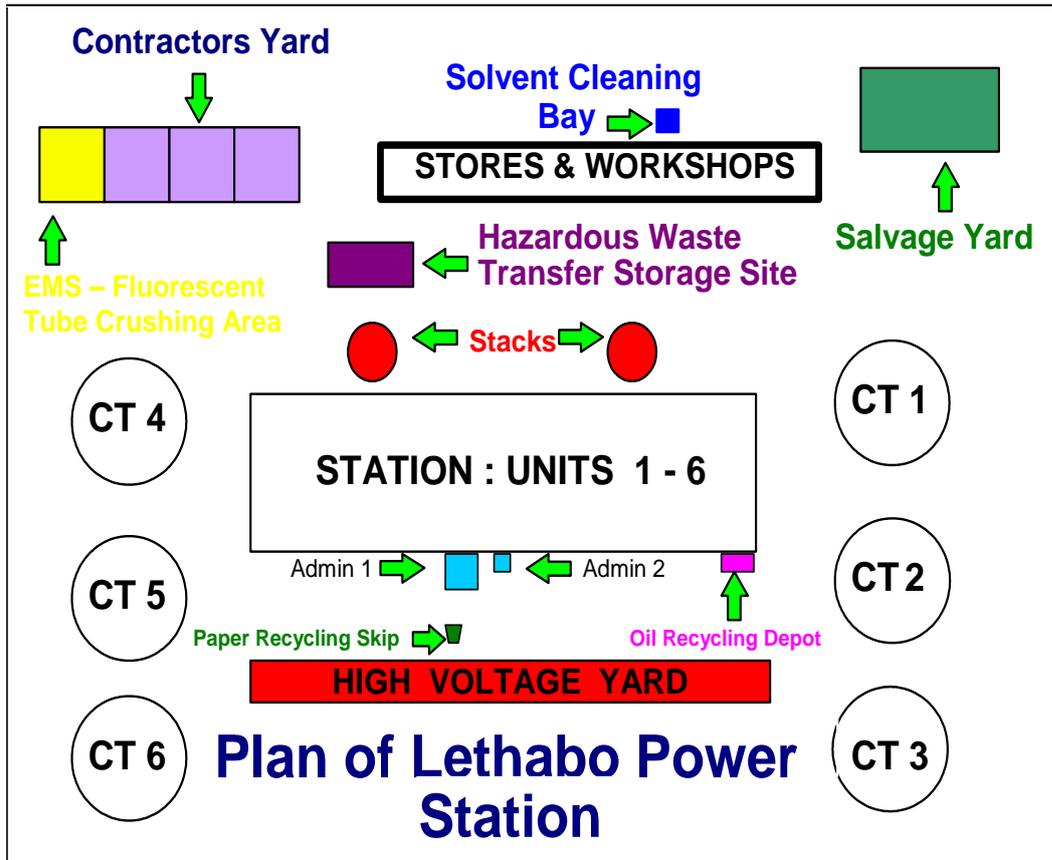
Lethabo Environmental Statement of commitment must be adhered to.
The contractor shall submit to Eskom an EMP to be reviewed and approved by Eskom environmental officer, one week before the commencement of works.

1.14 Disposal of Waste

Waste shall be removed promptly to the designated disposal area. No stockpiling will be permitted.

- Domestic waste to the white waste bins
- Production waste in the marked bins i.e. coal and ash only
- Paper and cans to their respective recycling bins
- Contact Civil Engineering for the disposal of building rubble
- Scrap metal, Wood & Rubber, Redundant Valves, Pipes, Equipment etc. to be placed in the marked bins in the new Salvage Yard. Solvents and cloths used to the Cleaning Bay.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT



1.15 Hazardous Waste Disposal and Handling

- Hazardous / toxic waste includes all waste which contains elements or compounds listed as hazardous substances in terms of the Hazardous Substances Act No. 15 of 1973.
- Any Contractor who produces hazardous waste on site will be responsible for the safe removal of such waste to a registered Class I site by a waste removal and disposal body.
- The Contractor is required to produce a certificate of safe disposal in accordance with LBA 00054.
- The Contractor must ensure that persons handling hazardous waste have undergone suitable training and are acquainted with cleaning methods in case of a spillage.
- The Contractor is also responsible for the safe removal of their hazardous waste to Lethabo's Hazardous Waste Store. Other requirements for hazardous waste are detailed in LBA 00030.
- In order to ensure effective hazardous waste management, a copy of the Contractors' hazardous waste inventory must be supplied to the Employer at least 2 days prior to the occupation date.

Abbreviated list of Hazardous Materials

Acids and alkalis	Hydrocarbons	Pesticides & insecticides
Antimony and its compounds	Inorganic cyanides	Pharmaceuticals
Arsenic compounds	Inorganic compounds containing halogens	Phosphorus and its compounds
Asbestos	Inorganic compounds containing sulphur	Selenium and its compounds
Barium compounds	Laboratory chemicals	Silver compounds

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

Beryllium compounds	Lead compounds	Tarry & petroleum products
Biocides & Phyto pharmaceuticals	Medical wastes	Tellurium and its compounds
Boron compounds	Mercury compounds	Thallium and its compounds
Cadmium and its compounds	Nickel and its compounds	Vanadium compounds
Chromium compounds	Organic halogen compounds	Zinc compounds
Copper compounds	Paints and paint sludges	Waste with flash point < 60°C
Heterocyclic organic compounds	Peroxides, chlorates	

1.16 Plant & Materials

- The *Employer* may at his own discretion, supply any Plant and Materials as may be required by the *Contractor* to Provide the Works.
- The *Contractor* is to notify the *Employer* in writing, 48 hrs in advance, of such Plant and Materials required.

1.17 Access to and Departure from the Site:

- The Site is at Lethabo Power Station situated \pm 18 km South of Vereeniging on the Viljoensdrift - Deneysville Road, Free State. Access to the site will be via the main security gate only. The *Employer* informs the *Contractor* of the access procedures, and it should be expected that such procedures may change depending on the prevailing security situation.
- The *Contractor* allows in his price and program for delays at the security gate. The *Employer* reserves the right for its Security personnel to search persons or vehicles entering or leaving the premises. This includes but is not limited to briefcases and toolboxes.

1.18 Temporary Gate Permits

- The *Contractor* provides the *Employer* with the personal details of their staff at least two days prior to the occupation date. All names and details to be submitted to the *Employer* who arranges for all gate permits.

1.19 Equipment or Material Access and Removal

Access

- The *Contractor* ensures that all equipment and materials brought through the security gate is signed in at the main security gate on an OV18 form.

Removal

- The *Contractor* is not allowed to remove any equipment or materials from site without producing the relevant OV18 forms or the equipment lists.
- If the equipment or material is to be removed the same day, on which they were brought on to site, then the OV18 form will need to be produced at the gate when leaving the site.
- If the equipment or material is removed after this time then a Non-Returnable Gate Release will be provided by the *Employer's Representative*, on receipt of the original OV18, with which the *Contractor* brought the equipment on site.

1.20 Site or Area Establishment and Evacuation

Application for Site Establishment:

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

- Sites are allocated according to availability, the period for which the *Contractor* is going to be on site, or if special circumstances warrant the allocation of a site. Documentation to support this application can be submitted.
- The location of the site or area is indicated during the site or area take-over inspection.

Site Establishment:

- The *Contractor* does not occupy any site or area other than that allocated to him.
- The *Contractor* does not occupy the site or area prior to the take-over inspection.
- The *Contractor* maintains the site or area provided to him to the satisfaction of the *Employer*.
- The *Employer* subjects the *Contractor's* site or area to periodic inspection.

Site Evacuation:

- The *Contractor* advises the *Employer* in writing, five (5) days in advance of evacuation in accordance with LBA 00030. Immediately prior to evacuation the necessary take-over inspection must take place.

1.21 Electrical Equipment / Appliances, Lighting and Power:

- Any electrical equipment or appliances used by the *Contractor* must comply with all relevant safety regulations and requirements as detailed in LBA 00030 and be maintained in safe and proper working condition.
- The *Employer* has the right to stop the *Contractor's* use of any electrical equipment or appliance, which in the *Employer's* opinion does not conform to the foregoing.
- The *Contractor* provides at his own expense any temporary local lighting and ensures that it is in accordance with the requirements of the Factories Inspector.
- The *Contractor* provides at his own expense, all temporary wiring and cabling to route power from the point of supply to the various points where it is required, maintain same and remove on completion.

1.22 Water

- The *Contractor* provides at his own cost, all connection fittings, pipe-work, temporary plumbing, and pumps necessary to lead the water from the point of supply to the various points where it is required, maintain same and remove on completion.
- Such fittings must be compatible with the *Employer's* fittings so that galvanic corrosion of pipe-work is prevented
- Water wastage due to un-maintained pipe work or fittings provided by the *Contractor* will be calculated and will be for the cost of the *Contractor*.

1.23 Compressed Air

- The *Contractor* provides at his own cost, all connection fittings and pipe-work necessary to lead the compressed air from the point of supply to the various points where it is required, maintain same and remove on completion. Such fittings must be compatible with the *Employer's* fittings so that galvanic corrosion of pipework is prevented
- Compressed air wastage due to un-maintained pipe work or fittings provided by the *Contractor* will be calculated and will be for the cost of the *Contractor*.

1.24 Ventilation

- The *Contractor* is responsible for adequate ventilation of the works.

1.25 Security

- The *Contractor* is responsible for all security on *site*, fencing off, night watch and access control in order to secure all plant, materials and the *works* itself. All these measures must be in accordance with any relevant regulations and standards and subject to the *Employer's* approval.
- It is also the *Contractors* responsibility to ensure the security of all completed portions of the *works* prior to Completion.

CONTRACT TITLE: SUPPLY AND DELIVERY OF ELECTRICAL SWITCHES FOR A FIVE-YEAR PERIOD FOR STOCK REPLENISHMENT

1.26 Offices, Workshops and Stores

- The *Contractor* shall provide, erect and maintain for his own use, any additional office accommodation and stores he requires, together with drainage, lighting, heating, and hot and cold-water services as required.
- The *Contractor's* site establishment price includes all treatment of the site that he considers necessary for his entire operation throughout his period of occupation and under all weather conditions.
- The *Contractor* also includes for all security and access arrangements that he considers necessary.

1.27 Sanitary Facilities

- The *Contractor* shall provide service, maintain and remove on completion any additional facilities required and allow for it in his *Price*.
- The *Contractor's* employees who work with asbestos are not allowed to use the *Employer's* ablution or messing facilities at the workplace during and after stripping of lagging materials, for fibres that may be attached to workers clothing, or to any other article.