



## NEC3 Supply Contract (SC3)

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

**and  
( )**

**for Supply, and Delivery of Electrical Cables and  
Earthing Spares for the period of 48 months**

---

### **Contents:**

**Part C1 Agreements & Contract Data**

**Part C2 Pricing Data**

**Part C3 Scope of Work**

---

**CONTRACT No.:**

**Document Compiled by:**

---

**CONTROLLED DISCLOSURE**

**CONTROLLED DISCLOSURE**

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

## PART C1: AGREEMENTS & CONTRACT DATA

### Contents:

#### C1.1 Form of Offer and Acceptance

#### C1.2a Contract Data provided by the *Purchaser*

#### C1.2b Contract Data provided by the *Supplier*

## 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 Cabling and earthing spares for a Period of 4 years on as and when requirement at Camden Power Station

The tenderer, identified in the Offer signature block, has

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

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

	The offered total of the Prices exclusive of VAT is	
	Value Added Tax @ 15% is	
	The offered total of the amount due inclusive of VAT is <sup>1</sup>	
	<b>Rates Based</b> (see price list on page 22 to 23)	

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

### CONTROLLED DISCLOSURE

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 .....

Name .....

Capacity .....

Date .....

Address: .....

**For the tenderer:**

**Witness**

Name .....

Signature .....

Date .....

**CONTROLLED DISCLOSURE**

## **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 .....

Name .....

Capacity **Camden Power Station Manager** .....

Date .....

Address: **ESKOM HOLDINGS SOC LTD., Camden Power Station, Private Bag X1002, NUCAM, 2355** .....

**For the purchaser:**

**Witness**

Name .....

Signature .....

**CONTROLLED DISCLOSURE**

**Electrical Cables and Earthing Spares Supply and  
Delivery for a Period of 48 Months – Scope of Work**

Unique Identifier: **229-T2940**

Revision:

**01**

---

Page:

**6 of 34**

Date

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

**CONTROLLED DISCLOSURE**

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

**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		

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.

	<b>For the tenderer:</b>	<b>For the Purchaser</b>
Signature		
Name		
Capacity		<b>Camden Power Station Manager</b>
Date		
On behalf of:		<b>Eskom Holdings SOC LTD., Camden Power Station</b>
Witness		
Name		
Signature		
Date		

**CONTROLLED DISCLOSURE**

## C1.2 SC3 Contract Data

### Part one - Data provided by the *Purchaser*

Clause	Statement	Data
1	<b>General</b>	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	
		<b>X1: Price adjustment for inflation</b>
		<b>X2 Changes in the law</b>
		<b>X7: Delay damages</b>
		<b>X17: Low performance damages</b>
		<b>Z: Additional conditions of contract</b>
	of the NEC3 Supply Contract (April 2013) <sup>2</sup>	(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):	<b>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</b>
	Address	<b>Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg</b>
	Represented by:	
	Tel No.	
	Fax No.	
10.1	The <i>Supply Manager</i> is (name):	
	Address	<b>Camden Power Station Private Bag x1002 Nucam, 2355</b>
	Tel	
	e-mail	
11.2(13)	The <i>goods</i> are	<b>Electrical Cable s and Earthing spares</b>

<sup>2</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, [www.ecs.co.za](http://www.ecs.co.za).

### CONTROLLED DISCLOSURE



11.2(14)	The following matters will be included in the Risk Register	<b>No risks are identified as yet however risk identification will be on going throughout the contract period.</b>	
11.2(15)	The Goods Information is in		
11.2(15)	The Supply Requirements as part of the Goods Information is in		
12.2	The <i>law of the contract</i> is the law of	<b>the Republic of South Africa</b>	
13.1	The <i>language of this contract</i> is	<b>English</b>	
13.3	The <i>period for reply</i> is	<b>3 week</b>	
2	<b>The <i>Supplier's</i> main responsibilities</b>	<b>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.</b>	
3	<b>Time</b>		
30.1	The <i>starting date</i> is.	<b>TBC</b>	
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<b><i>goods and services</i></b>	<b><i>delivery date</i></b>
		<b>1</b>	<b>Supply and delivery of Electrical Cables and equipment's spares</b>
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.	<b>All goods are to be delivered as per quantities indicated on the contract or purchase order.</b>	
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	<b>TBC</b>	
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	<b>TBC</b>	
4	<b>Testing and defects</b>		
42	The <i>defects date</i> is	<b>After Delivery and Quality check</b>	
43.2	The <i>defect correction period</i> is	<b>1 week or as agreed between the parties, in the event that it not possible to remedy the defect with the specified period.</b>	
	except that the <i>defect correction period</i> for	<b>N/A</b>	
	and the <i>defect correction period</i> for	<b>N/A</b>	
42.2	The <i>defects access period</i> is	<b>52 weeks</b>	
	except that the <i>defect access period</i> for	<b>N/A</b>	
	and the <i>defect access period</i> for	<b>N/A</b>	

**CONTROLLED DISCLOSURE**

5	<b>Payment</b>	
50.1	The <i>assessment interval</i> is	<b>between the 25<sup>th</sup> day of each successive month.</b>
51.1	The <i>currency of this contract</i> is the	<b>South African Rand</b>
51.2	The period within which payments are made is	<b>30 days from the receipt of a valid invoice (The invoice becomes valid after all the steps of raising an invoice have been completed).</b>
51.4	The <i>interest rate</i> is	<b>the publicly quoted prime rate of interest (calculated on a 365 day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and  (ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption “Money Rates” in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted <i>mutatis mutandis</i> every 6 months thereafter and as certified, in the event of any dispute, by any manager employed in the foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.</b>
6	<b>Compensation events</b>	<b>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.</b>
7	<b>Title</b>	<b>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.</b>

**CONTROLLED DISCLOSURE**

**8 Risks, liabilities, indemnities and insurance**

80.1	These are additional <i>Purchaser's</i> risks	<b>No risks are identified as yet however risk identification will be on going throughout the contract period.</b>
84.1	The <i>Purchaser</i> provides these insurances from the Insurance Table	<b>See notes about <i>Purchaser</i> provided insurance in Annexure B to this Contract Data</b>
	1. Insurance against	<b>Loss of or damage to the <i>goods</i>, plant and materials.</b>
	Cover / indemnity is	<b>Overseas shipment / transit insurance (only) to cover events at the <i>Supplier's</i> risk (if any) after the <i>goods</i> have left the <i>Supplier's</i> overseas premises. See notes in Annexure B</b>
		<b>If this contract includes the supervision of installation, testing, commissioning or building work at the <i>Purchaser's</i> premises, the <i>Purchaser</i> also provides cover for physical loss of or damage to the <i>Purchaser's</i> surrounding property including any temporary work required to complete the Delivery.</b>
	The deductibles are	<b>See notes in data for clause 88.2 below and Annexure B</b>
84.1	The <i>Supplier</i> provides these additional insurances	<b>See notes in Annexure B</b>
84.2	The minimum amount of cover for loss of or damage to any plant and materials provided by the <i>Purchaser</i> is:	<b>The replacement cost of the plant and materials delivery to site.</b>
84.2	The minimum limit of indemnity for insurance in respect of 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 for any one event is:	<p><b>whatever the <i>Supplier</i> deems necessary in addition to that provided by the <i>Purchaser</i> for any one event with cross liability so that the insurance applies to the Parties separately.</b></p> <p><b>However if the <i>Supplier</i> is exposed to damage to the <i>Purchaser's</i> property the cover limit amount is not less than</b></p> <ul style="list-style-type: none"> <li><b>• R15 million (fifteen million Rand) for exposure to Generation Division property;</b></li> <li><b>• R7.5 million (seven million five hundred thousand Rand) for exposure to Transmission Division property and;</b></li> <li><b>• R1 million (one million Rand) for exposure to Distribution Division and all other <i>Purchaser's</i> property</b></li> </ul>

**CONTROLLED DISCLOSURE**

		for any one occurrence or series of occurrences arising out of one event but unlimited during the period of insurance.
84.2	The minimum limit of indemnity for insurance in respect of 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 for any one event is:	As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the <i>Contractor's</i> common law liability for people falling outside the scope of the Act with a limit of Indemnity of not less than R500 000 (five hundred thousand Rand).
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	<b>R0.0 (zero Rand)</b>
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	<p><b>(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 described in the "Format A" / "Format B" / "Format Dx" {choose the applicable format, then delete the others and this note}, insurance policy available on <a href="http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx">http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx</a></b></p> <p><b>and</b></p> <p><b>(2) for all other existing <i>Purchaser's</i> property the highest applicable deductible (first amount payable) namely:</b>  <b>R15 million (fifteen million Rand) for Generation Division property;</b>  <b>R7.5 million (seven million five hundred thousand Rand) for Transmission Division property and;</b>  <b>R1 million (one million Rand) for Distribution Division and all other <i>Purchaser's</i> property</b></p> <p><b>See notes in Annexure B</b></p>
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:	<b>The total value of the defect and the ripple effects of that defect.</b>
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	<b>The total value of the matters arising or as per what the parties agree on.</b>
88.5	The <i>end of liability date</i> is	<b>52 Weeks after the contract has expired.</b>
<b>9</b>	<b>Termination and dispute resolution</b>	

**CONTROLLED DISCLOSURE**

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 <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a> ). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).
	Address	[•]
	Tel No.	[•]
	Fax No.	[•]
	e-mail	[•]
94.2(3)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a> )
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	The republic of South Africa
	The person or organisation who will choose an arbitrator	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.
	- if the Parties cannot agree a choice or	
	- if the arbitration procedure does not state who selects an arbitrator, is	

10	Data for Option clauses		
X1	Price adjustment for inflation		
X1.1	The <i>base date</i> for indices is	<div></div>	
	The proportions used to calculate the Price Adjustment Factor are:	proportion	linked to index for
		Index prepared by	
		0.____	
		0.____	
		0.____	
		0.____	
0.____			

**CONTROLLED DISCLOSURE**

		0.15	non-adjustable
		1.00	
Note	Eskom's requirement for CPA, is that <b>Prices must be Fixed and Firm for the First 12 Months</b> of the contract and only subject to escalation thereafter. A minimum of <b>15%</b> of the contract price/prices is not adjustable throughout the life of the contract.		
X2	Changes in the law		
X2.1	A change in the law of	the Republic of South Africa is a compensation event if it occurs after the Contract Date	
X7	Delay damages		
X7.1	Delay damages for Delivery are	Delivery of	amount per day
		Supply and Delivery of Electrical Cables and Earthing. 10% of the Task Order or Purchase Order. The delay damages shall not exceed 10% of the delay per Task Order.In the event where the delay damages exceed 10%, parties will negotiate suitable remedies on the merit of each Task Order and circumstances causing delays. In the event where the supplier persistently fails to deliver Eskom will terminate the contract following the termination process or clauses on this contract. (see Z Clauses)	
X17	Low performance damages		
X17.1	The amounts for low performance damages are:	Amount	Performance level
		R [●]	for [●]
		R [●]	for [●]
		R [●]	for [●]
		R [●]	for [●]
Z	The additional conditions of contract are		Z1 to Z13 always apply for Eskom

**CONTROLLED DISCLOSURE**

**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.

**CONTROLLED DISCLOSURE**



Z4.3

## **Z4 Confidentiality**

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

## **Z5 Waiver and estoppel: Add to core clause 12.3:**

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

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

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

Without limitation the *Supplier*:

- warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with all applicable health & safety laws and regulations and the health and safety rules, guidelines and procedures provided for in this contract and generally for the proper maintenance of health & safety in and about the execution of supply and

### **CONTROLLED DISCLOSURE**



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

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

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

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

**Z8 Notifying compensation events**

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

**Z9 Purchaser's limitation of liability**

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

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

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

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

**CONTROLLED DISCLOSURE**

- 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:

<b>Affected Party</b>	means, as the context requires, any party, irrespective of whether it is the <i>Supplier</i> , 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,
<b>Coercive Action</b>	means to harm or threaten to harm, directly or indirectly, an Affected Party or property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
<b>Collusive Action</b>	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,
<b>Committing Party</b>	means, as the context requires, the <i>Supplier</i> , or any member thereof in the <i>Supplier's</i> joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
<b>Corrupt Action</b>	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,
<b>Fraudulent Action</b>	means any unlawfully or illegally intentional act or omission that misleads, or mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,
<b>Obstructive Action</b>	means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an investigation or into allegations of Prohibited Action, and
<b>Prohibited Action</b>	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 performance 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* may 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 *Purchaser* ensures that the Committing Party co-operates fully with an investigation.

## Z13 Insurance

### CONTROLLED DISCLOSURE

**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 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 Ta for events which are at the *Supplier's* risk from the *starting date* the last *defects date* or a termination certificate has been issued

**INSURANCE TABLE A**

<b>Insurance against</b>	<b>Minimum amount of cover or minimum limit of indemnity</b>
Loss of or damage to the goods, 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 goods, 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	<b><u>Loss of or damage to property</u></b> <b><u>Purchaser's property</u></b> 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.  <b><u>Other property</u></b> The replacement cost  <b><u>Death of or bodily injury</u></b> 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 Insur

**CONTROLLED DISCLOSURE**

**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

**Z14 Nuclear Liability**

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

**CONTROLLED DISCLOSURE**

## Z15 Asbestos

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

<b>AAIA</b>	means approved asbestos inspection authority.
<b>ACM</b>	means asbestos containing materials.
<b>AL</b>	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.
<b>Ambient Air</b>	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.
<b>Compliance Monitoring</b>	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.
<b>OEL</b>	means occupational exposure limit.
<b>Parallel Measurements</b>	means measurements performed in parallel, yet separately, to existing measurements to verify validity of results.
<b>Safe Levels</b>	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.
<b>Standard</b>	means the <i>Purchaser's</i> Asbestos Standard 32-303: Requirements for Safe Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos Containing Material, Equipment and Articles.
<b>SANAS</b>	means the South African National Accreditation System.
<b>TW</b>	means the average exposure, within a given workplace, to airborne asbestos fibres, normalised to the baseline of a 4 hour continuous period, also applicable to short term exposures, i.e. 10-minute TWA.

Z15.1 The *Purchaser* ensures that the Ambient Air in the area where the *Supplier* will Provide the Services conforms to the acceptable prescribed South African standard for asbestos, as per the regulations published in GNR 155 of 10 February 2002, under the Occupational Health and Safety Act, 1993 (Act 85 of 1993) ("Asbestos Regulations"). The OEL for asbestos is 0.2 regulated asbestos fibres per millilitre of air as a 4-hour TWA, averaged over any continuous period of four hours, and the short term exposure limit of 0.6 regulated asbestos fibres per millilitre of air as a 10-minute TWA, averaged over any 10 minutes, measured in accordance with HSG248 and monitored according to HSG173 and OESSM.

Z15.2 Upon written request by the *Supplier*, the *Purchaser* certifies that these conditions prevail. All measurements and reporting are effected by an independent, competent, and certified occupational hygiene inspection body, i.e. a SANAS accredited and Department of Employment and Labour approved AAIA. The *Supplier* may perform Parallel Measurements and related control measures at the *Supplier's* expense. For the purposes of compliance the

### CONTROLLED DISCLOSURE

results generated from Parallel Measurements are evaluated only against South African statutory limits as detailed in clause Z15.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.

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

## **Annexure A: Supply Requirements**

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

The *Supplier* supplies the *goods* in accordance with INCOTERMS 2010<sup>3</sup> as follows:

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

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

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

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

<sup>3</sup> International Chamber of Commerce, Incoterms 2010, Paris, January 2011

### **CONTROLLED DISCLOSURE**

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

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

**CONTROLLED DISCLOSURE**



**The Supply Requirements for this contract are as follows:**

[Use these when INCOTERMS do not apply].

<b>1. The requirements for the supply are</b>	[State the constraints on how the <i>Supplier</i> manufactures, prototypes, tests and stores the <i>goods</i> including order and timing]	
<b>2. The requirements for transport are</b>	[State the extent to which the <i>Supplier</i> transports the <i>goods</i> and the mode of transport]	
<b>3. The delivery place is</b>	[State the location where the <i>goods</i> are to be placed by the <i>Supplier</i> , such as whether it is a dispatch department at the <i>Supplier's</i> premises, the <i>Purchaser</i> is to collect or other location the <i>Purchaser</i> may require. If the delivery place for the <i>services</i> is different to the <i>goods</i> state it here]	
<b>4. Actions of the Parties during supply</b>	<b>Action</b>	<b>Party which does it</b>
	Giving notice of Delivery	Supplier
	Checking packing and marking before dispatch	Supplier
	Contracting for transport	Supplier
	Pay costs of transport	Supplier
	Arrange access to delivery place	Purchaser
	Loading the <i>goods</i>	Supplier
	Unloading the <i>goods</i>	Supplier
<b>For international procurement</b>	Undertake export requirements	N/A
	Undertake import requirements	N/A
<b>5. Information to be provided by the <i>Supplier</i></b>	<b>Title of document</b>	
	Packing lists for cases and their contents	
	Copy of invoice for the <i>goods</i>	
	Delivery Note	
	Test results and maintenance manuals	
<b>For international procurement</b>	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	

**CONTROLLED DISCLOSURE**



	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

**CONTROLLED DISCLOSURE**

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

## **Annexure B: Insurance provided by the *Purchaser***

*These notes are provided as guidance to tendering suppliers and the Supplier about the insurance provided by the Purchaser. These notes are not part of this contract. The Supplier must obtain its own advice.*

### **Transit insurance of goods originating from outside the borders of the Republic of South Africa**

For the purpose of supply contracts, the only insurance provided by Eskom (the *Purchaser*) is transit shipment cover, commonly known as Marine Insurance for air, sea, rail and road freight (including local land arrangements) for conveyance of *goods* originating outside RSA. Please consult the website stated below to ascertain whether Format A, Format B or Format Dx is applicable to this contract and then the

- Marine Insurance Policy wording;
- Eskom Shipment Policies and Procedures – note a pre-shipment survey form has to be completed under certain circumstances;
- Marine Claims Handling Procedures – for important shipment actions and claims forms in event of damages to cargo freight via sea, barge, air, road or rail.

For EXW (Ex Works collections) this is of no concern to the *Supplier* but for any other Supply Requirement (such as CIF, DDU, or DDP) the *Supplier* need not provide such insurance even if the INCOTERM requires it and tendering suppliers should 'discount' their prices when tendering to allow for this provision by the *Purchaser* (Eskom).

### ***Supplier's* liability for damage to the *Purchaser's* property**

Whilst this is a liability the *Supplier* carries and should cover (if he is required to deliver the *goods* to the *Purchaser's* premises) his liability is limited to the amount of cover provided to the *Purchaser* within his assets policy. This amount varies depending on the Division within Eskom to which the *Supplier* is making the delivery. For any one occurrence or series of occurrences arising out of one event but unlimited during the period of insurance the *Supplier's* liability would be:

- R15million for Generation Division projects,
- R7.5million for Transmission Division projects or
- R1.0million for Distribution Division projects

### **All other insurance**

As required by clause 84, the *Supplier* provides all other insurance for his risks. The *Supplier* should give further consideration to providing for these additional insurance concepts [for amounts and periods of insurance the *Supplier* deems fit and necessary].

**Professional Indemnity:** The insurance provided shall indemnify the *Supplier* (and/or his professional consultant) for those sums which the *Supplier* or his consultant shall become legally liable to pay as damages arising from any claim first made against the *Supplier* / consultant and reported to their insurers during the Period of Insurance, directly arising out of any negligent act, error or omission committed or alleged to have been committed by the *Supplier* / consultant in the conduct of **professional services** (for example, design) in connection with this contract.

**Products Liability:** A special General Liability extension for liability arising out of the *Supplier's* **defective:**

- production and manufacturing process (workmanship or material), or
- product design, or
- warnings, instructions, usage and maintenance manuals and specifications.

### **CONTROLLED DISCLOSURE**

For any further explanation of insurance requirements tendering suppliers are advised to consult their brokers or insurers who may in turn contact Eskom Insurance Management Services per contact details provided on the following website:

[http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS\\_Policies\\_From\\_1\\_April\\_2014\\_To\\_31\\_March\\_2015.aspx](http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx)

## C1.2 Contract Data

### Part two - Data provided by the *Supplier*

#### Notes to a tendering supplier:

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

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

Clause	Statement	Data				
10.1	The <i>Supplier</i> is (Name):  Address  Tel No.  Fax No.					
11.2(8)	The Goods Information for the <i>Supplier's</i> design is in:					
11.2(11)	The tendered total of the Prices is	<b>Rates Based</b>				
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><tr><td><b><i>goods and services</i></b></td><td><b><i>delivery date</i></b></td></tr><tr><td>1   Supply and Delivery of Gland Packing for a Period</td><td>Over a period of 60 months</td></tr></table>	<b><i>goods and services</i></b>	<b><i>delivery date</i></b>	1   Supply and Delivery of Gland Packing for a Period	Over a period of 60 months
<b><i>goods and services</i></b>	<b><i>delivery date</i></b>					
1   Supply and Delivery of Gland Packing for a Period	Over a period of 60 months					

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

<sup>5</sup> Available from Engineering Contract Strategies Tel 011 803 3008, Fax 086 539 1902, or [www.ecs.co.za](http://www.ecs.co.za)

#### CONTROLLED DISCLOSURE

		of 5 years on as and when requirement at Camden Power Station
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	0%

## 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>	1

## C2.1 Pricing assumptions

### 1. 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"><li>the Price for each lump sum item in the Price Schedule which the <i>Supplier</i> has completed,</li><li>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,</li><li>plus other amounts to be paid to the <i>Supplier</i>,</li><li>less amounts to be paid by or retained from the <i>Supplier</i>.</li></ul>

#### CONTROLLED DISCLOSURE

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.

## 2. 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.

## 3. Preparing the *price schedule*

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

It will be assumed that the tendering supplier has

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

### 3.1 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.

#### CONTROLLED DISCLOSURE

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

## C2.2 the *price schedule*

Item	Description	Unit of Measure	Quantity	Rate	Price
<b>MEDIUM VOLTAGE CABLES</b>					
	500MM2 X 1 CORE (FXE01WCV) 22KV/22KV	300m Drum	16		
	500MM2 X 1 CORE (DXG01WCV) 6.35KV/11KV	300m Drum	16		
	300MM2 X 3 CORE (DXE03UCV) 6.35KV/11KV	300m Drum	16		
	240MM2 X 3 CORE (DXE03TCV) 6.35KV/11KV	300m Drum	16		
	185MM2 X 3 CORE (DSW03RCV) 6.35KV/11 KV	300m Drum	16		
	150MM2 X 3 CORE (DXE03RCV) 6.35KV/11 KV	300m Drum	16		
	120MM2X 3 CORE (DXE03QCV) 6.35KV/11KV	300m Drum	16		
	70MM2X 3 CORE (DXX03NCV) 6.35KV/11KV	300m Drum	16		
	50MM2X 3 CORE (DXX03MCV) 6.35KV/11KV	300m Drum	16		
<b>MEDIUM VOLTAGE, LOW VOLTAGE &amp; CONTROL CABLES</b>					
	CABLE ASSEMBLY, POWER ELECTRICAL: TYPE: PULL KEY; OVERALL LENGTH: 1 KM; CONDUCTOR QUANTITY: (4) 1.05 MM2; POTENTIAL: 600/1000 V; COLOR: BLACK; APPLICATION: CONVEYOR TRIP WIRE; SPECIFICATION: SANS 1507/1990; DRAWING NO: CTS-PCAB REV 1; LAID UP TOGETHER AND DOUBLE CLEAR POLYESTER TAPE BEDDED BRASS COATED STEEL WIRE BRAID PVC D2	1 km	50		

### CONTROLLED DISCLOSURE

	CABLE ASSEMBLY: TYPE: EXTENSION; DIAMETER: 25 MM; MATERIAL: PVC; SUPPL P/N: 330130-0400000; 3300XL, UNARMoured, FOR USE WITH KEYPHASOR SENSOR AND PROBE, MUST BE CHECKED AT RECEIVING BEFORE BEING PLACED ON THE SHELF; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300m Drum	16		
	CABLE ASSEMBLY: TYPE: EXTENTION; LENGTH: 3 M; REFERENCE NO: 330130-080-00-00; FOR PROXIMITY TRANSDUCERS, LENGTH 8 METERS, WITHOUT STAINLESS STEEL ARMOUR, COMPLETE WITH MINITURE MALE AND FEMALE COAXIAL CONNECTORS FOR USE ON BENTLY NEVADA TURBOVISORY EQUIPMENT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	3m	100		
	CABLE, COMMUNICATION: TYPE: INSTRUMENTS; CONDUCTOR: 16 CORE, CU; CONDUCTOR SIZE: 0.5 MM2; INSULATION: PVC; SUPPL P/N: UVG8ACV; PVC	1000m Drum	10		
	CABLE, COMMUNICATION: TYPE: INSTRUMENTS; CONDUCTOR: 16 CORE, CU; CONDUCTOR SIZE: 0.5 MM2; INSULATION: PVC; SUPPL P/N: UVG8ACV; PVC	1000m Drum	10		

**CONTROLLED DISCLOSURE**

	CABLE, COMMUNICATION: TYPE: INSTRUMENTS; CONDUCTOR: 40; CONDUCTOR SIZE: 0.5 MM; SHEATH MATERIAL: PVC; SUPPL P/N: UVG20ACV; 100 METER PER ROLL	1000m Drum	10		
	CABLE, COMMUNICATION: TYPE: INSTRUMENTS; CONDUCTOR: 8 CORE, CU; CONDUCTOR SIZE: 0.5 MM2; INSULATION: PVC; SUPPL P/N: UVG04ACV; PVC; 1000m = EA	1000m Drum	10		
	CABLE, COMMUNICATION: TYPE: PATCH; SUPPL P/N: 6ES79601AA045AA0; SIMATIC S7-400H, TYPE DATA	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 0.34 MM2; TYPE: SIGNAL; CONDUCTOR: 5 CORE, CU; COVERING: PUR; LENGTH: 10 M; APPLICATION: MILLS PA FLOW SENSORS; CONDUCTOR INSULATION: PUR; MANUF P/N: SAC- 5PM12MS/10.0-PUR/M12FSSH; MAX VOLTAGE 30VDC SHIELDED CABLE	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 0.5 MM2; ARMOR: COPPER; TYPE: TWINFLEX, MULTISTRAND; RATING: 300-500 V; CONDUCTOR INSULATION: PVC WHITE; REFERENCE NO: 254111; TYPE APPLIANCE	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 0.5 MM2; TYPE: SIGNAL; CONDUCTOR: 4 CORE, CU; COVERING: PUR; LENGTH: 12 M; APPLICATION: MILLS PA FLOW SENSORS; CONDUCTOR INSULATION: PUR; MANUF P/N: LIY(C)Y2X2X0.5	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 500 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HV, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE01WCV; 300 M DRUM = 1 EA	300m Drum	16		

**CONTROLLED DISCLOSURE**



	CABLE, ELECTRICAL: CONDUCTOR SIZE: 16 MM2; TYPE: EXPANDA; CONDUCTOR: 4 CORE, CU; COVERING: PVC; CONDUCTOR INSULATION: RUBBER; SUPPL P/N: 332825-5025; DAIMOND POWER	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 2.5 MM2; TYPE: CABTYRE; CONDUCTOR: 4 CORE, CU; COVERING: PVC; RATING: 500 V; CONDUCTOR INSULATION: PVC; BLACK INSULATED, TYPE 6, 19MM OD, COLOUR CODED: ONE BLUE, ONE BROWN, ONE BLACK AND ONE YELLOW/GREEN, TO THE LATEST EDITION OF SABS150 AND BEARING THE SABS MARK OF APPROVAL	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 2.5 MM2; TYPE: CTS PC; CONDUCTOR: 5 CORE, CU; COVERING: PVC; CONDUCTOR INSULATION: PVC; SUPPL P/N: CTSPC; PLEASE NOTE: MATERIAL COMES IN 500M PER ROLL = 1 EA	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 2.5 MM2; TYPE: SILICON; CONDUCTOR: 3 CORE, CU; COVERING: RUBBER SILICON; CONDUCTOR INSULATION: RUBBER	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 2.5 MM2; TYPE: SURFIX; CONDUCTOR: 2 CORE, CU; E; COVERING: PVC WHITE; CONDUCTOR INSULATION: PVC	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 1.5 MM2; TYPE: CABTYRE; COVERING: PVC; RATING: 250-500 VCABLE ELECT:3;COPPER;1.5 MM2;CABTYRE;PVC;RATING: 250-500 V; 15 A; CONDUCTOR INSULATION: PVC; SUPPL P/N: P5; 70 STRANDS, IN 100 M ROLL, BLACK OD , COLOUR CODED; ONE BLUE, ONE BROWN, ONE GREEN/YELLOW	300m Drum	16		

**CONTROLLED DISCLOSURE**

	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 120 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HV, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03QCV; 300 M DRUM = 1 EA	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 120 MM2; ARMOR: STEEL WIRE; TYPE: STRANDED; COVERING: PVC; RATING: 22 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: FXX03QCV; 300 M DRUM = 1 EA	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 185 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HIGH VOLTAGE, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03SCV; 300 M DRUM = 1 EA	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.5 MM2; COVERING: SILICON SHEATH; RATING: 600 V 600 A; CONDUCTOR INSULATION: SILICON; PVC ALUMINIUM COPPER BRAIDED FIBRE TEXTILE PROTECTION	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.5 MM2; TYPE: CABTYRE; COVERING: PVC; RATING: 300-500 V; CONDUCTOR INSULATION: PVC; BLACK IN 100 M ROLLS	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 50 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HV, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03MCV; 300 M DRUM = 1 EA	300m Drum	16		

**CONTROLLED DISCLOSURE**

	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 70 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HV, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03NCV; 300 M DRUM = 1 EA	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 95 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HIGH VOLTAGE, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03PCV; 300 M DRUM = 1 EA	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 30; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.5 MM2; ARMOR: PVC; TYPE: SEMOFLEX, STRANDED; COVERING: POLYURETHANE; RATING: 0.6/1 KV; TEMPERATURE RATING: -40 TO 80 DEG C; LENGTH: 100 M; APPLICATION: CONVEYOR TRIPPER CAR; CONDUCTOR INSULATION: SEMOCORE; NOTE: 100 M DRUM TO BE ISSUED AS 1EA (100 M = 1 EA)	100m Drum	25		
	CABLE, ELECTRICAL: VOLTAGE: 300/500 V; CORE QUANTITY: 2; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 1.5 MM2; ARMOR: UNARMORED; DESIGN TYPE: WIRING CABLE; TYPE: SURFIX; CONDUCTOR: 2 CORE, CU; COVERING: PVC; LENGTH: 100 M; CONDUCTOR INSULATION: PVC; COLOUR WHITE; WITH EARTH	300m Drum	16		
	CABLE, ELECTRICAL: VOLTAGE: 300/500 V; CORE QUANTITY: 2; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 4 MM2; ARMOR: UNARMORED; DESIGN TYPE: WIRING CABLE; TYPE: SURFIX; CONDUCTOR: 2 CORE, CU; CONDUCTOR INSULATION: PVC; 100 METRES PER ROLL; WITH EARTH	300m Drum	16		

**CONTROLLED DISCLOSURE**

	CABLE, ELECTRICAL: CONDUCTOR SIZE: 4 MM2; CONDUCTOR: 1 CORE, CU STRANDED; COVERING: SILICONE BLUE; TEMPERATURE RATING: -50 TO 180 DEG C; CONDUCTOR INSULATION: SILICON	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 4 MM2; CONDUCTOR: 1 CORE, CU STRANDED; COVERING: SILICON RED; TEMPERATURE RATING: -50 TO 180 DEG C; CONDUCTOR INSULATION: SILICON	300m Drum	16		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 4 MM2; CONDUCTOR: 1 CORE, CU STRANDED; COVERING: SILICONE WHITE/YELLOW; LENGTH: 100 M; CONDUCTOR INSULATION: SILICON	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 4; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 0.5 MM2; TYPE: FLEXIBLE, STRANDED; COVERING: PVC BLACK WITH RED STRIPE; RATING: 30; CONDUCTOR INSULATION: PVC; SUPPL P/N: UVG02; 1000 M = 1 EA	1000m Drum	18		
	CABLE, ELECTRICAL: CORE QUANTITY: 4; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 0.5 MM2; TYPE: FLEXIBLE, STRANDED; COVERING: PVC BLACK WITH RED STRIPE; RATING: 30; CONDUCTOR INSULATION: PVC; SUPPL P/N: UVG02; 1000 M = 1 EA	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 4; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 16 MM2; ARMOR: STEEL WIRE; TYPE: STRANDED; COVERING: PVC; RATING: 1 KV; CONDUCTOR INSULATION: PVC; SUPPL P/N: BVX4HCV; REFERENCE NO: BVX4HCV; ARMOURED, PVC OUTER SHEATH, ENDS MUST BE PROTECTED BY PLASTIC CAP TO PREVENT INGRESS OF MOISTURE	300m Drum	16		

**CONTROLLED DISCLOSURE**

	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: ALUMINIUM; CONDUCTOR SIZE: 240 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4TAV; COVERING: PVC SHEATH; RATING: 1 KV AC; SPECIFICATION: STANDARD: SANS 1507-3; ESKOM 240-56063805; TEST AND CERTIFICATION REQUIREMENTS: SANS 1507-3; CONDUCTOR INSULATION: PVC; DRAWING NO: D2128 REV 1; 4 CORE STRANDED ALUMINIUM CONDUCTOR; 300 M DRUM; INDELIBLE MNFRS TRADEMARK AND PART NO ON ALL ITEMS AND CABLE DRUM STAMPED/MARKED	300m Drum	16		
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 50 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4MCV; COVERING: PVC OUTER SHEATH; RATING: 0.6/1 KV AC; SPECIFICATION: ESKOM: 240-56063805; STD SANS 1507; TEST/CERTIFICATION SANS 1507; CONDUCTOR INSULATION: PVC; DRAWING NO: D3128 REV 1; 4 CORE STRANDED COPPER CONDUCTOR; 300 M DRUM, IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK AND PART NO. ON ALL ITEMS AND DRUM TO BE STAMPED/MARKED	300m Drum	16		
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: ALUMINIUM; CONDUCTOR SIZE: 95 MM2; ARMOR: STL WIRE; DESIGN TYPE: BCX4PAV; COVERING: PVC SHEATH; RATING: 1 KV AC; SPECIFICATION: STANDARD: SANS 1507-3; ESKOM: 240-56063805; TEST AND CERTIFICATE REQUIREMENTS: SANS 1507-3; CONDUCTOR INSULATION: PVC; DRAWING NO: D2128 REV 1; 4 CORE STRANDED ALUMINIUM CONDUCTOR; 300 M DRUM; IDENTIFICATION INDELIBLE MNFRS. TRADEMARK AND PART NO ON ALL ITEMS AND CABLE DRUM STAMPED/MARKED	300m Drum	16		

**CONTROLLED DISCLOSURE**

	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 70 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4NCV; COVERING: PVC OUTER SHEATH; RATING: 0.6/1 KV AC; SPECIFICATION: ESKOM: 240-56063805; STD SANS 1507; TEST/CERTIFICATION SANS 1507; CONDUCTOR INSULATION: PVC; DRAWING NO: D3128 REV 1; 4 CORE STRANDED COPPER CONDUCTOR; 300M DRUM; IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK & PART NO. ON ALL ITEMS AND DRUM TO BE STAMPED/MARKED	300m Drum	16		
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 120 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4QCV; COVERING: PVC OUTER SHEATH; RATING: 0.6/1 KV AC; SPECIFICATION: ESKOM: 240-56063805; STD SANS 1507; TEST/CERTIFICATION SANS 1507; CONDUCTOR INSULATION: PVC; DRAWING NO: D3128 REV 1; 4 CORE STRANDED COPPER CONDUCTOR: 300M DRUM, IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK & PART NO. ON ALL ITEMS AND DRUM TO BE STAMPED/MARKED	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 5; CONDUCTOR SIZE: 4 MM2; ARMOR: TEXTILE BRAIDS; TYPE: SEMOFLEX; COVERING: POLYURETHANE; RATING: 0.6/1 KV; SPECIFICATION: VDE6510; WEIGHT PER UNIT MEASURE: 362 KG/KM; TEMPERATURE RATING: 80 DEG C; LENGTH: 60 M; APPLICATION: COAL PLANT TRIPPER CARS; CONDUCTOR INSULATION: POLYURETHANE	300m Drum	16		
	CABLE, ELECTRICAL: VOLTAGE: 600 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.6 MM; ARMOR: PVC; DESIGN TYPE: MTW/ THWN/ THHN; MANUF P/N: E51583; GASOLINA AND OIL RESISTANT; NOTE: 1 EACH = 30 METERS	30m	66		

**CONTROLLED DISCLOSURE**

	CABLE, ELECTRICAL: VOLTAGE: 600 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.9 MM; ARMOR: NON ARMORED; DESIGN TYPE: MTW/THWN/THHN; CONDUCTOR: CU TINNED; APPLICATION: BREAKER; MANUF P/N: E51583; G-UL; AWG 14 CU; GASOLINA AND OIL RESISTANT; AWM: 600 V; VW-1	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 80; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 0.5 MM2; TYPE: FLEXIBLE, STRANDED; COVERING: PVC BLACK WITH RED STRIP; RATING: 24-30 V; CONDUCTOR INSULATION: PVC; SUPPL P/N: UVG40; PLEASE NOTE: 1000 M = 1 EA	1000m Drum	16		
	CABLE, FIBER OPTIC: TYPE: MULTIMODE; FIBER COUNT: 2; FIBER SIZE: 62.5/125 MM; APPLICATION T3000 CABLES; SHEATH DIAMETER: 125MM; CABLE LENGTH: 0.5M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300m Drum	16		
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: ALUMINIUM; CONDUCTOR SIZE: 150 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4RAV; COVERING: PVC SHEATH; RATING: 1 KV AC; SPECIFICATION: STANDARD: SANS 1507-3; ESKOM: 240-56063805; TEST AND CERTIFICATE REQUIREMENTS: SANS 1507-3; CONDUCTOR INSULATION: PVC; DRAWING NO: D2128 REV 1; 4 CORE STRANDED ALUMINIUM CONDUCTOR; 300M DRUM; IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK & PART NO. ON ALL ITEMS AND CABLE DRUM STAMPED/MARKED	300m Drum	16		
	CABLE: TYPE: EXTENSION; DIAMETER: 3 MM; LENGTH: 3.3 M; MATERIAL: FEP INSULATED; SPECIFICATION: 3300NSV; SUPPL P/N: 3309300600000	300m Drum	16		

**CONTROLLED DISCLOSURE**



	CABLE: TYPE: EXTENSION; DIAMETER: 8 MM; LENGTH: 15 M; MATERIAL: METAL FLEXIBLE; SUPPL P/N: 89477-50; USED ON EFP CASE VIBRATION	300m Drum	16		
	CABLE: TYPE: PULL WIRE; DIAMETER: 6 MM; LENGTH: 300 M; MATERIAL: SS PVC COATED; MANUF P/N: CTS-PW; APPLICATION: TRIP WIRE FOR CONVEYOR BELT	300m Drum	16		
	CABLE: TYPE: TENSION; DIAMETER: 4 MM2; LENGTH: 65 M; MATERIAL: SILICON; SPECIFICATION: 28502040EA4605; SEMOFLEX POWER CABLE WITH SAFE REELING TENSION; CROSS SECTION: 5CORE; OVERALL DIAMETER: 14.3MM; NET WEIGHT: 362KG/KM; SAFE REELING TENSION: 500N; VDE6510-1000V-E195107-RU AWM STLY 10264/21897-80DEG C; FT1 SEMOFLEX DRUM: 0.6/1KV 5X4MM SQUAD F1+F; CABLE TYPE: 4 X 25A + PE 415V; SIDE PLATE DIAMETER: 1.6M; SPRING BODY DIAMETER: 90.2CM	300m Drum	16		
	WIRE, ELECTRICAL: TYPE: PANEL FLEX-PV1; COLOR: GREEN/YELLOW; STRUCTURE: MULTISTRAND; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT -10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; 100 M ROLL = (1) EA	300m Drum	16		
	WIRE, ELECTRICAL: TYPE: PANEL; SIZE: 2.5 MM2; COLOR: BLUE; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16		

**CONTROLLED DISCLOSURE**



	WIRE, ELECTRICAL: COLOR: WHITE; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16		
	CABLE, ELECTRICAL: VOLTAGE: 600 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.9 MM; ARMOR: NON ARMORED; DESIGN TYPE: MTW/THWN/THHN; CONDUCTOR: CU TINNED; APPLICATION: BREAKER; MANUF P/N: E51583; G-UL; AWG 14 CU; GASOLINA AND OIL RESISTANT; AWM: 600 V; VW-1	300m Drum	16		
	CABLE, ELECTRICAL: CORE QUANTITY: 80; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 0.5 MM2; TYPE: FLEXIBLE, STRANDED; COVERING: PVC BLACK WITH RED STRIP; RATING: 24-30 V; CONDUCTOR INSULATION: PVC; SUPPL P/N: UVG40; PLEASE NOTE: 1000 M = 1 EA	300m Drum	16		
	CABLE, FIBER OPTIC: TYPE: MULTIMODE; FIBER COUNT: 2; FIBER SIZE: 62.5/125 MM; APPLICATION T3000 CABLES; SHEATH DIAMETER: 125MM; CABLE LENGTH: 0.5M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300m Drum	16		

**CONTROLLED DISCLOSURE**

	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: ALUMINIUM; CONDUCTOR SIZE: 150 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4RAV; COVERING: PVC SHEATH; RATING: 1 KV AC; SPECIFICATION: STANDARD: SANS 1507-3; ESKOM: 240-56063805; TEST AND CERTIFICATE REQUIREMENTS: SANS 1507-3; CONDUCTOR INSULATION: PVC; DRAWING NO: D2128 REV 1; 4 CORE STRANDED ALUMINIUM CONDUCTOR; 300M DRUM; IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK & PART NO. ON ALL ITEMS AND CABLE DRUM STAMPED/MARKED	300m Drum	16		
	CABLE: TYPE: EXTENSION; DIAMETER: 3 MM; LENGTH: 3.3 M; MATERIAL: FEP INSULATED; SPECIFICATION: 3300NSV; SUPPL P/N: 3309300600000	300m Drum	16		
	CABLE: TYPE: EXTENSION; DIAMETER: 8 MM; LENGTH: 15 M; MATERIAL: METAL FLEXIBLE; SUPPL P/N: 89477-50; USED ON EFP CASE VIBRATION	300m Drum	16		
	CABLE: TYPE: PULL WIRE; DIAMETER: 6 MM; LENGTH: 300 M; MATERIAL: SS PVC COATED; MANUF P/N: CTS-PW; APPLICATION: TRIP WIRE FOR CONVEYOR BELT	300m Drum	16		
	CABLE: TYPE: TENSION; DIAMETER: 4 MM2; LENGTH: 65 M; MATERIAL: SILICON; SPECIFICATION: 28502040EA4605; SEMOFLEX POWER CABLE WITH SAFE REELING TENSION; CROSS SECTION: 5CORE; OVERALL DIAMETER: 14.3MM; NET WEIGHT: 362KG/KM; SAFE REELING TENSION: 500N; VDE6510-1000V-E195107-RU AWM STLY 10264/21897-80DEG C; FT1 SEMOFLEX DRUM: 0.6/1KV 5X4MM SQUAD F1+F; CABLE TYPE: 4 X 25A + PE 415V; SIDE PLATE DIAMETER: 1.6M; SPRING BODY DIAMETER: 90.2CM	300m Drum	16		

**CONTROLLED DISCLOSURE**

	WIRE, ELECTRICAL: TYPE: PANEL FLEX-PV1; COLOR: GREEN/YELLOW; STRUCTURE: MULTISTRAND; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT -10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; 100 M ROLL = (1) EA	300m Drum	16		
	TRUNKING: TYPE: CABLE; DIMENSIONS: WD 41 MM X LG 5M X HT 41 MM; MATERIAL: STL; REFERENCE NO: P1000; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300m Drum	16		
	WIRE, ELECTRICAL: TYPE: PANEL; SIZE: 2.5 MM2; COLOR: BLUE; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16		
	WIRE, ELECTRICAL: COLOR: WHITE; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16		
	WIRE, ELECTRICAL: COLOR: BLACK; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16		

**CONTROLLED DISCLOSURE**

	KIT, CABLE JOINT: CABLE SIZE: 500 MM2; TYPE: TRANSITIONAL; MATERIAL: XPLE; SINGLE CORE; 6.35/11KV	Each	500		
	KIT, CABLE JOINT: CABLE SIZE: 185 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500		
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 4 MM2; CONDUCTOR: 1 CORE, CU STRANDED; COVERING: SILICONE WHITE/YELLOW; LENGTH: 100 M; CONDUCTOR INSULATION: SILICON	Each	500		
	KIT, CABLE JOINT: CABLE SIZE: 500 MM2; POTENTIAL: 22 KVDC; MATERIAL: XLPE; SINGLE CORE	Each	500		
	KIT, CABLE JOINT: CABLE SIZE: 50 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500		
	KIT, CABLE JOINT: CABLE SIZE: 500 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500		
	KIT, CABLE JOINT: CABLE SIZE: 70 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500		
	KIT, CABLE JOINT: CABLE SIZE: 300 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500		
	KIT, CABLE JOINT: CABLE SIZE: 120 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500		

**CONTROLLED DISCLOSURE**

	KIT, CABLE JOINT: CABLE SIZE: 95 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500		
	KIT, CABLE JOINT: CABLE SIZE: 150 MM2; TYPE: ELECTRICAL; CONDUCTOR: AL/CU; POTENTIAL: 11 KVDC; CABLE TYPE: PILC; MATERIAL: PAPER LEAD; 3 CORE	Each	500		
	WIRE, ELECTRICAL: TYPE: STANDARD, HOOK-UP PANEL; INSULATION: PVC; CONDUCTOR FORM: (7) STRAND; CONDUCTOR SIZE: 0.22 MM2; CORE MATERIAL: CU; LENGTH: 100 M	100m Roll	50		
	WIRE, ELECTRICAL: TYPE: STANDARD, HOOK-UP PANEL; COLOR: GRAY; INSULATION: PVC; CONDUCTOR FORM: (7) STRAND; CONDUCTOR SIZE: 0.22 MM2; CORE MATERIAL: CU; LENGTH: 100 M	100m Roll	50		
	WIRE, ELECTRICAL: TYPE: STANDARD, HOOK-UP PANEL; COLOR: BROWN; INSULATION: PVC; CONDUCTOR FORM: (7) STRAND; CONDUCTOR SIZE: 0.22 MM2; CORE MATERIAL: CU	100m Roll	50		
	WIRE, ELECTRICAL: TYPE: STANDARD, HOOK-UP PANEL; COLOR: WHITE; INSULATION: PVC; CONDUCTOR FORM: (7) STRAND; CONDUCTOR SIZE: 0.22 MM2; CORE MATERIAL: CU; LENGTH: 1000 M = EA	1000m	10		
	WIRE, ELECTRICAL: TYPE: BARE SOLID HEAVY DUTY; CONDUCTOR SIZE: 25 SWG; CORE MATERIAL: CU	300m Drum	16		
	CABLE PVC SWA CU 25MM X SINGLE CORE; VOLTAGE RATING: 600/1000V	300m Drum	16		
	CABLE PVC SWA CU 35MM X SINGLE CORE; VOLTAGE RATING: 600/1000V	300m Drum	16		

**CONTROLLED DISCLOSURE**

	CABLE PVC SWA CU 35MM X 4CORE; VOLTAGE RATING: 600/1000V	300m Drum	16		
	CABLE PVC SWA CU 70MM X 4CORE; VOLTAGE RATING: 600/1000V	300m Drum	16		
<b>LOW VOLTAGE CABLES</b>					
	1.5MM2 X 3 CORE (BVX03CCV)	300m Drum	16		
	1.5MM2 X 4 CORE (BVX04CCV)	300m Drum	16		
	1.5MM2 X 12 CORE (BVX12CCV)	300m Drum	16		
	2.5MM2 X 2 CORE (BVX02DCV)	300m Drum	16		
	2.5MM2 X 3 CORE (BVX03DCV)	300m Drum	16		
	2.5MM2 X 4 CORE (BVX04DCV)	300m Drum	16		
	2.5MM2 X 7 CORE (BVX07DCV)	300m Drum	16		
	2.5MM2 X 12 CORE (BVX12DCV)	300m Drum	16		
	2.5MM2 X 19 CORE (BVX19DCV)	300m Drum	16		
	2.5MM2 X 37 CORE (BVX37ECV)	300m Drum	16		
	4MM2 X 2 CORE (BVX02ECV)	300m Drum	16		
	4MM2 X 3 CORE (BVX03ECV)	300m Drum	16		
	4MM2 X 4 CORE (BVX04ECV)	300m Drum	16		
	4MM2 X 7 CORE (BVX07ECV)	300m Drum	16		
	4MM2 X 19 CORE (BVX19ECV)	300m Drum	16		
	6MM2 X 4 CORE (BVX04FCV)	300m Drum	16		
	10MM2 X 4 CORE (BVX04GCV)	300m Drum	16		
	16MM2 X 3 CORE (BVX03HCV)	300m Drum	16		

**CONTROLLED DISCLOSURE**

	16MM2 X 4 CORE (BVX04HCV)	300m Drum	16		
	25MM2 X 4 CORE (BVX04KCV)	300m Drum	16		
	35MM2 X 4 CORE (BVX04LCV)	300m Drum	16		
	50MM2 X 4 CORE (BVX04MCV)	300m Drum	16		
	70MM2 X 4 CORE (BVX04NCV)	300m Drum	16		
	95MM2 X 4 CORE (BVX04PCV)	300m Drum	16		
	120MM2 X 3 CORE (BVX03QCV)	300m Drum	16		
	120MM2 X 4 CORE (BVX04QCV)	300m Drum	16		
	150MM2 X 3 CORE (BVX03RCV)	300m Drum	16		
	150MM2 X 4 CORE (BVX04RCV)	300m Drum	16		

	185MM2 X 4 CORE (BVX04SCV)	300m Drum	16		
	240MM2 X 3 CORE (BVX03TCV)	300m Drum	16		
	240MM2 X 4 CORE (BVX04TCV)	300m Drum	16		
	300MM2 X 4 CORE (BVX04UCV)	300m Drum	16		

#### **CABLE TRAY**

Cold drawn high tensile galvanized wire mesh cable tray (O-L GRIDSPAN GS 50 x 50) fixed in all positions, etc., to all heights above floor level, etc and to all areas. Complete with splice clamp sets, hold down brackets, bolts, nuts and washers, etc.

	100MM X 75MM X 3M	Each	2000		
	150MM X 75MM X 3M	Each	2000		
	300MM X 75MM X 3M	Each	2000		

#### **CONTROLLED DISCLOSURE**

	600MM X 75MM X 3M	Each	2000		
<p align="center"><b>COLD DRAWN HIGH TENSILE GALVANISED WIRE MESH CABLE</b></p> <p align="center">Tray fittings / accessories normal bending radius.</p>					
	100MM WIDE X 75MM 90 DEGREE HORIZONTAL BEND	Each	2000		
	100MM WIDE X 75MM 90 DEGREE EXTERNAL/INT BEND	Each	2000		
	150MM WIDE X 75MM 90 DEGREE HORIZONTAL BEND	Each	2000		
	150MM WIDE X 75MM 90 DEGREE EXTERNAL/INT BEND	Each	2000		
	300MM WIDE X 75MM 90 DEGREE HORIZONTAL BEND	Each	2000		
	300MM WIDE X 75MM 90 DEGREE EXTERNAL/INT BEND	Each	2000		
	600MM WIDE X 75MM 90 DEGREE HORIZONTAL BEND	Each	2000		
	600MM WIDE X 75MM 90 DEGREE EXTERNAL/INT BEND	Each	2000		
	600MM WIDE X 75MM TEE	Each	2000		

**CABLE SUPPORT SYSTEM**

Galvanized steel channel forming frame support complete with bolts, spring nuts, nuts and washers, fixed in all positions, etc., to all heights above floor level, etc and to all areas.

**CONTROLLED DISCLOSURE**



	41.3MM X 41.3MM X 2.5MM THICK (O-L 1000)	Each	2000		
	82.6MM X 41.3MM X 2.5MM THICK (O-L 1001)	Each	2000		
	41.3MM X 41.3MM X 2.5MM THICK (O-L 1000) - COVERS F1184	Each	2000		
<b>CABLE SUPPORT SYSTEM</b>					
Galvanized steel single arm cantilever with tongue type bracket complete with bolts, spring nuts, nuts and washers, etc.					
	650MM LONG X 89MM HIGH (O-L 251-650)	Each	2000		
<b>GALVANIZED CONDUIT</b>					
Surface mounted and fixed in all positions, etc., to all heights above floor level, etc and to all areas.					
	20MM DIAMETER	Each	2000		
	25MM DIAMETER	Each	2000		
	50MM DIAMETER	Each	2000		
<b>GALVANIZED THREADED ROD</b>					
	12 MM THREADED RODS WITH NUTS AND WASHERS	Each	2000		
<b>WIRING CHANNELS</b>					
Galvanized steel channel complete with galvanized cover surface mounted and fixed in all positions, etc., to all heights above floor level, etc and to all areas.					
	41.3 X 41.3 X 1.6MM THICK (O-L 2000)	Each	2000		
	76.2 X 76.2 X 2.1MM THICK (O-L 8000)	Each	2000		
<b>STEEL</b>					
Painted steel for support of racking, including all necessary fixing, bolts, nuts, washers, welding, etc and holes, notches, etc fixed in all positions, etc., to all heights above floor level, etc and to all areas.					
	25MM X 25MM X 5MM ANGLE SECTION	Each	2000		
	50MM X 50MM X 6MM ANGLE SECTION	Each	2000		
	76MM X 38MM X 6MM CHANNEL IRON	Each	2000		
<b>EARTHING CABLES</b>					

**CONTROLLED DISCLOSURE**

	16MM <sup>2</sup> BCEW	m	2000		
	70MM <sup>2</sup> BCEW	m	2000		
	150MM <sup>2</sup> KWENA	m	2000		
	400MM <sup>2</sup> KWENA LUGS	m	2000		
	4MM <sup>2</sup> G/Y PVC COVERED	m	2000		
	6MM <sup>2</sup> G/Y PVC COVERED	m	2000		
	10MM <sup>2</sup> G/Y PVC COVERED	m	2000		
	16MM <sup>2</sup> G/Y PVC COVERED	m	2000		
	70MM <sup>2</sup> G/Y PVC COVERED	m	2000		
	4MM <sup>2</sup> BLACK PVC COVERED	m	2000		
	6MM <sup>2</sup> BLACK PVC COVERED	m	2000		
	10MM <sup>2</sup> BLACK PVC COVERED	m	2000		
	16MM <sup>2</sup> BLACK PVC COVERED	m	2000		
	70MM <sup>2</sup> BLACK PVC COVERED	m	2000		
	50 X 3 MM FLAT COPPER	m	2000		
<b>CABLE MARKER, SLABS AND MARKER TAPE</b>					
	DANGER TAPE	Each	1500		
	CABLES SLABS	Each	1500		
	ROUTE MARKERS	Each	1500		
	ROAD CROSSING 12M	Each	1500		
	PVC SLEEVES 110 MM X 6M	Each	1500		

The total of the Prices


**CONTROLLED DISCLOSURE**

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

The total of the Prices


## PART 3: SCOPE OF WORK

Supply, deliver of new spares and refurbishing of Unit 6 Seal Air Fans Spares - 60 Months Period, on as and when requirement at Camden Power Station

Item	Description	Unit of Measure	Quantity
<b>MEDIUM VOLTAGE CABLES</b>			
	500MM2 X 1 CORE (FXE01WCV) 22KV/22KV	300m Drum	16
	500MM2 X 1 CORE (DXG01WCV) 6.35KV/11KV	300m Drum	16
	300MM2 X 3 CORE (DXE03UCV) 6.35KV/11KV	300m Drum	16
	240MM2 X 3 CORE (DXE03TCV) 6.35KV/11KV	300m Drum	16
	185MM2 X 3 CORE (DSW03RCV) 6.35KV/11 KV	300m Drum	16
	150MM2 X 3 CORE (DXE03RCV) 6.35KV/11 KV	300m Drum	16

### CONTROLLED DISCLOSURE

	120MM2X 3 CORE (DXE03QCV) 6.35KV/11KV	300m Drum	16
	70MM2X 3 CORE (DXX03NCV) 6.35KV/11KV	300m Drum	16
	50MM2X 3 CORE (DXX03MCV) 6.35KV/11KV	300m Drum	16
	CABLE ASSEMBLY, POWER ELECTRICAL: TYPE: PULL KEY; OVERALL LENGTH: 1 KM; CONDUCTOR QUANTITY: (4) 1.05 MM2; POTENTIAL: 600/1000 V; COLOR: BLACK; APPLICATION: CONVEYOR TRIP WIRE; SPECIFICATION: SANS 1507/1990; DRAWING NO: CTS-PCAB REV 1; LAID UP TOGETHER AND DOUBLE CLEAR POLYESTER TAPE BEDDED BRASS COATED STEEL WIRE BRAID PVC D2	1 km	50
	CABLE ASSEMBLY: TYPE: EXTENSION; DIAMETER: 25 MM; MATERIAL: PVC; SUPPL P/N: 330130-0400000; 3300XL, UNARMoured, FOR USE WITH KEYPHASOR SENSOR AND PROBE, MUST BE CHECKED AT RECEIVING BEFORE BEING PLACED ON THE SHELF; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300m Drum	16
	CABLE ASSEMBLY: TYPE: EXTENTION; LENGTH: 3 M; REFERENCE NO: 330130-080-00-00; FOR PROXIMITY TRANSDUCERS, LENGTH 8 METERS, WITHOUT STAINLESS STEEL ARMOUR, COMPLETE WITH MINITURE MALE AND FEMALE COAXIAL CONNECTORS FOR USE ON BENTLY NEVADA TURBOVISORY EQUIPMENT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	3m	100
	CABLE, COMMUNICATION: TYPE: INSTRUMENTS; CONDUCTOR: 16 CORE, CU; CONDUCTOR SIZE: 0.5 MM2; INSULATION: PVC; SUPPL P/N: UVG8ACV; PVC	1000m Drum	10

**CONTROLLED DISCLOSURE**

	CABLE, COMMUNICATION: TYPE: INSTRUMENTS; CONDUCTOR: 16 CORE, CU; CONDUCTOR SIZE: 0.5 MM2; INSULATION: PVC; SUPPL P/N: UVG8ACV; PVC	1000m Drum	10
--	---	------------	----

**CONTROLLED DISCLOSURE**

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

CABLE, COMMUNICATION: TYPE: INSTRUMENTS; CONDUCTOR: 40; CONDUCTOR SIZE: 0.5 MM; SHEATH MATERIAL: PVC; SUPPL P/N: UVG20ACV; 100 METER PER ROLL	1000m Drum	10
CABLE, COMMUNICATION: TYPE: INSTRUMENTS; CONDUCTOR: 8 CORE, CU; CONDUCTOR SIZE: 0.5 MM2; INSULATION: PVC; SUPPL P/N: UVG04ACV; PVC; 1000m = EA	1000m Drum	10
CABLE, COMMUNICATION: TYPE: PATCH; SUPPL P/N: 6ES79601AA045AA0; SIMATIC S7-400H, TYPE DATA	300m Drum	16
CABLE, ELECTRICAL: CONDUCTOR SIZE: 0.34 MM2; TYPE: SIGNAL; CONDUCTOR: 5 CORE, CU; COVERING: PUR; LENGTH: 10 M; APPLICATION: MILLS PA FLOW SENSORS; CONDUCTOR INSULATION: PUR; MANUF P/N: SAC- 5PM12MS/10.0-PUR/M12FSSH; MAX VOLTAGE 30VDC SHIELDED CABLE	300m Drum	16
CABLE, ELECTRICAL: CONDUCTOR SIZE: 0.5 MM2; ARMOR: COPPER; TYPE: TWINFLEX, MULTISTRAND; RATING: 300-500 V; CONDUCTOR INSULATION: PVC WHITE; REFERENCE NO: 254111; TYPE APPLIANCE	300m Drum	16
CABLE, ELECTRICAL: CONDUCTOR SIZE: 0.5 MM2; TYPE: SIGNAL; CONDUCTOR: 4 CORE, CU; COVERING: PUR; LENGTH: 12 M; APPLICATION: MILLS PA FLOW SENSORS; CONDUCTOR INSULATION: PUR; MANUF P/N: LIY(C)Y2X2X0.5	300m Drum	16
CABLE, ELECTRICAL: CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 500 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HV, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE01WCV; 300 M DRUM = 1 EA	300m Drum	16
CABLE, ELECTRICAL: CONDUCTOR SIZE: 16 MM2; TYPE: EXPANDA; CONDUCTOR: 4 CORE, CU; COVERING: PVC; CONDUCTOR INSULATION: RUBBER; SUPPL P/N: 332825-5025; DAIMOND POWER	300m Drum	16

**Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months**  
**– Scope of Work**

	CABLE, ELECTRICAL: CONDUCTOR SIZE: 2.5 MM2; TYPE: CABTYRE; CONDUCTOR: 4 CORE, CU; COVERING: PVC; RATING: 500 V; CONDUCTOR INSULATION: PVC; BLACK INSULATED, TYPE 6, 19MM OD, COLOUR CODED: ONE BLUE, ONE BROWN, ONE BLACK AND ONE YELLOW/GREEN, TO THE LATEST EDITION OF SABS150 AND BEARING THE SABS MARK OF APPROVAL	300m Drum	16
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 2.5 MM2; TYPE: CTS PC; CONDUCTOR: 5 CORE, CU; COVERING: PVC; CONDUCTOR INSULATION: PVC; SUPPL P/N: CTSPC; PLEASE NOTE: MATERIAL COMES IN 500M PER ROLL = 1 EA	300m Drum	16
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 2.5 MM2; TYPE: SILICON; CONDUCTOR: 3 CORE, CU; COVERING: RUBBER SILICON; CONDUCTOR INSULATION: RUBBER	300m Drum	16
	CABLE, ELECTRICAL: CONDUCTOR SIZE: 2.5 MM2; TYPE: SURFIX; CONDUCTOR: 2 CORE, CU; E; COVERING: PVC WHITE; CONDUCTOR INSULATION: PVC	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 1.5 MM2; TYPE: CABTYRE; COVERING: PVC; RATING: 250-500 VCABLE ELECT:3;COPPER;1.5 MM2;CABTYRE;PVC;RATING: 250-500 V; 15 A; CONDUCTOR INSULATION: PVC; SUPPL P/N: P5; 70 STRANDS, IN 100 M ROLL, BLACK OD , COLOUR CODED; ONE BLUE, ONE BROWN, ONE GREEN/YELLOW	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 120 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HV, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03QCV; 300 M DRUM = 1 EA	300m Drum	16

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 120 MM2; ARMOR: STEEL WIRE; TYPE: STRANDED; COVERING: PVC; RATING: 22 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: FXX03QCV; 300 M DRUM = 1 EA	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 185 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HIGH VOLTAGE, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03SCV; 300 M DRUM = 1 EA	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.5 MM2; COVERING: SILICON SHEATH; RATING: 600 V 600 A; CONDUCTOR INSULATION: SILICON; PVC ALUMINIUM COPPER BRAIDED FIBRE TEXTILE PROTECTION	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.5 MM2; TYPE: CABTYRE; COVERING: PVC; RATING: 300-500 V; CONDUCTOR INSULATION: PVC; BLACK IN 100 M ROLLS	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 50 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HV, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03MCV; 300 M DRUM = 1 EA	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 70 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HV, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03NCV; 300 M DRUM = 1 EA	300m Drum	16



# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

CABLE, ELECTRICAL: CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 95 MM2; ARMOR: COPPER SCREEN/STEEL WIRE; TYPE: HIGH VOLTAGE, STRANDED; COVERING: PVC; RATING: 6.35-11 KV; CONDUCTOR INSULATION: XLPE; SUPPL P/N: DXE03PCV; 300 M DRUM = 1 EA	300m Drum	16
CABLE, ELECTRICAL: CORE QUANTITY: 30; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.5 MM2; ARMOR: PVC; TYPE: SEMOFLEX, STRANDED; COVERING: POLYURETHANE; RATING: 0.6/1 KV; TEMPERATURE RATING: -40 TO 80 DEG C; LENGTH: 100 M; APPLICATION: CONVEYOR TRIPPER CAR; CONDUCTOR INSULATION: SEMOCORE; NOTE: 100 M DRUM TO BE ISSUED AS 1EA (100 M = 1 EA)	100m Drum	25
CABLE, ELECTRICAL: VOLTAGE: 300/500 V; CORE QUANTITY: 2; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 1.5 MM2; ARMOR: UNARMORED; DESIGN TYPE: WIRING CABLE; TYPE: SURFIX; CONDUCTOR: 2 CORE, CU; COVERING: PVC; LENGTH: 100 M; CONDUCTOR INSULATION: PVC; COLOUR WHITE; WITH EARTH	300m Drum	16
CABLE, ELECTRICAL: VOLTAGE: 300/500 V; CORE QUANTITY: 2; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 4 MM2; ARMOR: UNARMORED; DESIGN TYPE: WIRING CABLE; TYPE: SURFIX; CONDUCTOR: 2 CORE, CU; CONDUCTOR INSULATION: PVC; 100 METRES PER ROLL; WITH EARTH	300m Drum	16
CABLE, ELECTRICAL: CONDUCTOR SIZE: 4 MM2; CONDUCTOR: 1 CORE, CU STRANDED; COVERING: SILICONE BLUE; TEMPERATURE RATING: -50 TO 180 DEG C; CONDUCTOR INSULATION: SILICON	300m Drum	16
CABLE, ELECTRICAL: CONDUCTOR SIZE: 4 MM2; CONDUCTOR: 1 CORE, CU STRANDED; COVERING: SILICON RED; TEMPERATURE RATING: -50 TO 180 DEG C; CONDUCTOR INSULATION: SILICON	300m Drum	16

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE, ELECTRICAL: CONDUCTOR SIZE: 4 MM2; CONDUCTOR: 1 CORE, CU STRANDED; COVERING: SILICONE WHITE/YELLOW; LENGTH: 100 M; CONDUCTOR INSULATION: SILICON	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 4; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 0.5 MM2; TYPE: FLEXIBLE, STRANDED; COVERING: PVC BLACK WITH RED STRIPE; RATING: 30; CONDUCTOR INSULATION: PVC; SUPPL P/N: UVG02; 1000 M = 1 EA	1000m Drum	18
	CABLE, ELECTRICAL: CORE QUANTITY: 4; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 0.5 MM2; TYPE: FLEXIBLE, STRANDED; COVERING: PVC BLACK WITH RED STRIPE; RATING: 30; CONDUCTOR INSULATION: PVC; SUPPL P/N: UVG02; 1000 M = 1 EA	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 4; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 16 MM2; ARMOR: STEEL WIRE; TYPE: STRANDED; COVERING: PVC; RATING: 1 KV; CONDUCTOR INSULATION: PVC; SUPPL P/N: BVX4HCV; REFERENCE NO: BVX4HCV; ARMOURED, PVC OUTER SHEATH, ENDS MUST BE PROTECTED BY PLASTIC CAP TO PREVENT INGRESS OF MOISTURE	300m Drum	16
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: ALUMINIUM; CONDUCTOR SIZE: 240 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4TAV; COVERING: PVC SHEATH; RATING: 1 KV AC; SPECIFICATION: STANDARD: SANS 1507-3; ESKOM 240-56063805; TEST AND CERTIFICATION REQUIREMENTS: SANS 1507-3; CONDUCTOR INSULATION: PVC; DRAWING NO: D2128 REV 1; 4 CORE STRANDED ALUMINIUM CONDUCTOR; 300 M DRUM; INDELIBLE MNFRS TRADEMARK AND PART NO ON ALL ITEMS AND CABLE DRUM STAMPED/MARKED	300m Drum	16

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 50 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4MCV; COVERING: PVC OUTER SHEATH; RATING: 0.6/1 KV AC; SPECIFICATION: ESKOM: 240-56063805; STD SANS 1507; TEST/CERTIFICATION SANS 1507; CONDUCTOR INSULATION: PVC; DRAWING NO: D3128 REV 1; 4 CORE STRANDED COPPER CONDUCTOR; 300 M DRUM, IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK AND PART NO. ON ALL ITEMS AND DRUM TO BE STAMPED/MARKED	300m Drum	16
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: ALUMINIUM; CONDUCTOR SIZE: 95 MM2; ARMOR: STL WIRE; DESIGN TYPE: BCX4PAV; COVERING: PVC SHEATH; RATING: 1 KV AC; SPECIFICATION: STANDARD: SANS 1507-3; ESKOM: 240-56063805; TEST AND CERTIFICATE REQUIREMENTS: SANS 1507-3; CONDUCTOR INSULATION: PVC; DRAWING NO: D2128 REV 1; 4 CORE STRANDED ALUMINIUM CONDUCTOR; 300 M DRUM; IDENTIFICATION INDELIBLE MNFRS. TRADEMARK AND PART NO ON ALL ITEMS AND CABLE DRUM STAMPED/MARKED	300m Drum	16
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 70 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4NCV; COVERING: PVC OUTER SHEATH; RATING: 0.6/1 KV AC; SPECIFICATION: ESKOM: 240-56063805; STD SANS 1507; TEST/CERTIFICATION SANS 1507; CONDUCTOR INSULATION: PVC; DRAWING NO: D3128 REV 1; 4 CORE STRANDED COPPER CONDUCTOR; 300M DRUM; IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK & PART NO. ON ALL ITEMS AND DRUM TO BE STAMPED/MARKED	300m Drum	16

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: CU; CONDUCTOR SIZE: 120 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4QCV; COVERING: PVC OUTER SHEATH; RATING: 0.6/1 KV AC; SPECIFICATION: ESKOM: 240-56063805; STD SANS 1507; TEST/CERTIFICATION SANS 1507; CONDUCTOR INSULATION: PVC; DRAWING NO: D3128 REV 1; 4 CORE STRANDED COPPER CONDUCTOR: 300M DRUM, IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK & PART NO. ON ALL ITEMS AND DRUM TO BE STAMPED/MARKED	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 5; CONDUCTOR SIZE: 4 MM2; ARMOR: TEXTILE BRAIDS; TYPE: SEMOFLEX; COVERING: POLYURETHANE; RATING: 0.6/1 KV; SPECIFICATION: VDE6510; WEIGHT PER UNIT MEASURE: 362 KG/KM; TEMPERATURE RATING: 80 DEG C; LENGTH: 60 M; APPLICATION: COAL PLANT TRIPPER CARS; CONDUCTOR INSULATION: POLYURETHANE	300m Drum	16
	CABLE, ELECTRICAL: VOLTAGE: 600 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.6 MM; ARMOR: PVC; DESIGN TYPE: MTW/ THWN/ THHN; MANUF P/N: E51583; GASOLINA AND OIL RESISTANT; NOTE: 1 EACH = 30 METERS	30m	66
	CABLE, ELECTRICAL: VOLTAGE: 600 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.9 MM; ARMOR: NON ARMORED; DESIGN TYPE: MTW/THWN/THHN; CONDUCTOR: CU TINNED; APPLICATION: BREAKER; MANUF P/N: E51583; G-UL; AWG 14 CU; GASOLINA AND OIL RESISTANT; AWM: 600 V; VW-1	300m Drum	16
	CABLE, ELECTRICAL: CORE QUANTITY: 80; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 0.5 MM2; TYPE: FLEXIBLE, STRANDED; COVERING: PVC BLACK WITH RED STRIP; RATING: 24-30 V; CONDUCTOR INSULATION: PVC; SUPPL P/N: UVG40; PLEASE NOTE: 1000 M = 1 EA	1000m Drum	16

### Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE, FIBER OPTIC: TYPE: MULTIMODE; FIBER COUNT: 2; FIBER SIZE: 62.5/125 MM; APPLICATION T3000 CABLES; SHEATH DIAMETER: 125MM; CABLE LENGTH: 0.5M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300m Drum	16
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: ALUMINIUM; CONDUCTOR SIZE: 150 MM <sup>2</sup> ; ARMOR: STL WIRE; DESIGN TYPE: BVX4RAV; COVERING: PVC SHEATH; RATING: 1 KV AC; SPECIFICATION: STANDARD: SANS 1507-3; ESKOM: 240-56063805; TEST AND CERTIFICATE REQUIREMENTS: SANS 1507-3; CONDUCTOR INSULATION: PVC; DRAWING NO: D2128 REV 1; 4 CORE STRANDED ALUMINIUM CONDUCTOR; 300M DRUM; IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK & PART NO. ON ALL ITEMS AND CABLE DRUM STAMPED/MARKED	300m Drum	16
	CABLE: TYPE: EXTENSION; DIAMETER: 3 MM; LENGTH: 3.3 M; MATERIAL: FEP INSULATED; SPECIFICATION: 3300NSV; SUPPL P/N: 3309300600000	300m Drum	16
	CABLE: TYPE: EXTENSION; DIAMETER: 8 MM; LENGTH: 15 M; MATERIAL: METAL FLEXIBLE; SUPPL P/N: 89477-50; USED ON EFP CASE VIBRATION	300m Drum	16
	CABLE: TYPE: PULL WIRE; DIAMETER: 6 MM; LENGTH: 300 M; MATERIAL: SS PVC COATED; MANUF P/N: CTS-PW; APPLICATION: TRIP WIRE FOR CONVEYOR BELT	300m Drum	16

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE: TYPE: TENSION; DIAMETER: 4 MM2; LENGTH: 65 M; MATERIAL: SILICON; SPECIFICATION: 28502040EA4605; SEMOFLEX POWER CABLE WITH SAFE REELING TENSION; CROSS SECTION: 5CORE; OVERALL DIAMETER: 14.3MM; NET WEIGHT: 362KG/KM; SAFE REELING TENSION: 500N; VDE6510-1000V-E195107-RU AWM STLY 10264/21897-80DEG C; FT1 SEMOFLEX DRUM: 0.6/1KV 5X4MM SQUAD F1+F; CABLE TYPE: 4 X 25A + PE 415V; SIDE PLATE DIAMETER: 1.6M; SPRING BODY DIAMETER: 90.2CM	300m Drum	16
	WIRE, ELECTRICAL: TYPE: PANEL FLEX-PV1; COLOR: GREEN/YELLOW; STRUCTURE: MULTISTRAND; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT -10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; 100 M ROLL = (1) EA	300m Drum	16
	WIRE, ELECTRICAL: TYPE: PANEL; SIZE: 2.5 MM2; COLOR: BLUE; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16
	WIRE, ELECTRICAL: COLOR: WHITE; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16
	CABLE, ELECTRICAL: VOLTAGE: 600 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.9 MM; ARMOR: NON ARMORED; DESIGN TYPE: MTW/THWN/THHN; CONDUCTOR: CU TINNED; APPLICATION: BREAKER; MANUF P/N: E51583; G-UL; AWG 14 CU; GASOLINA AND OIL RESISTANT; AWM: 600 V; VW- 1	300m Drum	16

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE, ELECTRICAL: CORE QUANTITY: 80; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 0.5 MM2; TYPE: FLEXIBLE, STRANDED; COVERING: PVC BLACK WITH RED STRIP; RATING: 24-30 V; CONDUCTOR INSULATION: PVC; SUPPL P/N: UVG40; PLEASE NOTE: 1000 M = 1 EA	300m Drum	16
	CABLE, FIBER OPTIC: TYPE: MULTIMODE; FIBER COUNT: 2; FIBER SIZE: 62.5/125 MM; APPLICATION T3000 CABLES; SHEATH DIAMETER: 125MM; CABLE LENGTH: 0.5M; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300m Drum	16
	CABLE, ELECTRICAL: VOLTAGE: 1 KV; CORE QUANTITY: 4C; CONDUCTOR MATERIAL: ALUMINIUM; CONDUCTOR SIZE: 150 MM2; ARMOR: STL WIRE; DESIGN TYPE: BVX4RAV; COVERING: PVC SHEATH; RATING: 1 KV AC; SPECIFICATION: STANDARD: SANS 1507-3; ESKOM: 240-56063805; TEST AND CERTIFICATE REQUIREMENTS: SANS 1507-3; CONDUCTOR INSULATION: PVC; DRAWING NO: D2128 REV 1; 4 CORE STRANDED ALUMINIUM CONDUCTOR; 300M DRUM; IDENTIFICATION: INDELIBLE MNFRS. TRADEMARK & PART NO. ON ALL ITEMS AND CABLE DRUM STAMPED/MARKED	300m Drum	16
	CABLE: TYPE: EXTENSION; DIAMETER: 3 MM; LENGTH: 3.3 M; MATERIAL: FEP INSULATED; SPECIFICATION: 3300NSV; SUPPL P/N: 3309300600000	300m Drum	16
	CABLE: TYPE: EXTENSION; DIAMETER: 8 MM; LENGTH: 15 M; MATERIAL: METAL FLEXIBLE; SUPPL P/N: 89477-50; USED ON EFP CASE VIBRATION	300m Drum	16
	CABLE: TYPE: PULL WIRE; DIAMETER: 6 MM; LENGTH: 300 M; MATERIAL: SS PVC COATED; MANUF P/N: CTS-PW; APPLICATION: TRIP WIRE FOR CONVEYOR BELT	300m Drum	16

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE: TYPE: TENSION; DIAMETER: 4 MM2; LENGTH: 65 M; MATERIAL: SILICON; SPECIFICATION: 28502040EA4605; SEMOFLEX POWER CABLE WITH SAFE REELING TENSION; CROSS SECTION: 5CORE; OVERALL DIAMETER: 14.3MM; NET WEIGHT: 362KG/KM; SAFE REELING TENSION: 500N; VDE6510-1000V-E195107-RU AWM STLY 10264/21897-80DEG C; FT1 SEMOFLEX DRUM: 0.6/1KV 5X4MM SQUAD F1+F; CABLE TYPE: 4 X 25A + PE 415V; SIDE PLATE DIAMETER: 1.6M; SPRING BODY DIAMETER: 90.2CM	300m Drum	16
	WIRE, ELECTRICAL: TYPE: PANEL FLEX-PV1; COLOR: GREEN/YELLOW; STRUCTURE: MULTISTRAND; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT -10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; 100 M ROLL = (1) EA	300m Drum	16
	TRUNKING: TYPE: CABLE; DIMENSIONS: WD 41 MM X LG 5M X HT 41 MM; MATERIAL: STL; REFERENCE NO: P1000; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300m Drum	16
	WIRE, ELECTRICAL: TYPE: PANEL; SIZE: 2.5 MM2; COLOR: BLUE; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16
	WIRE, ELECTRICAL: COLOR: WHITE; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16



# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months

## – Scope of Work

WIRE, ELECTRICAL: COLOR: BLACK; STRUCTURE: MULTISTRAND; MATERIAL: CU; INSULATION: PVC; RATING: 600 V/1 KV 25 A AT 10 - 70 DEG C; CONDUCTOR FORM: STRANDED; CONDUCTOR SIZE: 2.5 MM2; CORE MATERIAL: CU; SPECIFICATION: SANS 1411 PART 1/2; TYPE PANEL FLEX PV1	300m Drum	16
KIT, CABLE JOINT: CABLE SIZE: 500 MM2; TYPE: TRANSITIONAL; MATERIAL: XPLE; SINGLE CORE; 6.35/11KV	Each	500
KIT, CABLE JOINT: CABLE SIZE: 185 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500
CABLE, ELECTRICAL: CONDUCTOR SIZE: 4 MM2; CONDUCTOR: 1 CORE, CU STRANDED; COVERING: SILICONE WHITE/YELLOW; LENGTH: 100 M; CONDUCTOR INSULATION: SILICON	Each	500
KIT, CABLE JOINT: CABLE SIZE: 500 MM2; POTENTIAL: 22 KVDC; MATERIAL: XLPE; SINGLE CORE	Each	500
KIT, CABLE JOINT: CABLE SIZE: 50 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500
KIT, CABLE JOINT: CABLE SIZE: 500 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500
KIT, CABLE JOINT: CABLE SIZE: 70 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500
KIT, CABLE JOINT: CABLE SIZE: 300 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500

### Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	KIT, CABLE JOINT: CABLE SIZE: 120 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500
	KIT, CABLE JOINT: CABLE SIZE: 95 MM2; POTENTIAL: 6.35/11 KVDC; MATERIAL: XLPE; 3 CORE	Each	500
	KIT, CABLE JOINT: CABLE SIZE: 150 MM2; TYPE: ELECTRICAL; CONDUCTOR: AL/CU; POTENTIAL: 11 KVDC; CABLE TYPE: PILC; MATERIAL: PAPER LEAD; 3 CORE	Each	500
	WIRE, ELECTRICAL: TYPE: STANDARD, HOOK-UP PANEL; INSULATION: PVC; CONDUCTOR FORM: (7) STRAND; CONDUCTOR SIZE: 0.22 MM2; CORE MATERIAL: CU; LENGTH: 100 M	100m Roll	50
	WIRE, ELECTRICAL: TYPE: STANDARD, HOOK-UP PANEL; COLOR: GRAY; INSULATION: PVC; CONDUCTOR FORM: (7) STRAND; CONDUCTOR SIZE: 0.22 MM2; CORE MATERIAL: CU; LENGTH: 100 M	100m Roll	50
	WIRE, ELECTRICAL: TYPE: STANDARD, HOOK-UP PANEL; COLOR: BROWN; INSULATION: PVC; CONDUCTOR FORM: (7) STRAND; CONDUCTOR SIZE: 0.22 MM2; CORE MATERIAL: CU	100m Roll	50
	WIRE, ELECTRICAL: TYPE: STANDARD, HOOK-UP PANEL; COLOR: WHITE; INSULATION: PVC; CONDUCTOR FORM: (7) STRAND; CONDUCTOR SIZE: 0.22 MM2; CORE MATERIAL: CU; LENGTH: 1000 M = EA	1000m	10
	WIRE, ELECTRICAL: TYPE: BARE SOLID HEAVY DUTY; CONDUCTOR SIZE: 25 SWG; CORE MATERIAL: CU	300m Drum	16
	CABLE PVC SWA CU 25MM X SINGLE CORE; VOLTAGE RATING: 600/1000V	300m Drum	16
	CABLE PVC SWA CU 35MM X SINGLE CORE; VOLTAGE RATING: 600/1000V	300m Drum	16

# Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	CABLE PVC SWA CU 35MM X 4CORE; VOLTAGE RATING: 600/1000V	300m Drum	16
	CABLE PVC SWA CU 70MM X 4CORE; VOLTAGE RATING: 600/1000V	300m Drum	16

## LOW VOLTAGE CABLES

	1.5MM2 X 3 CORE (BVX03CCV)	300m Drum	16
	1.5MM2 X 4 CORE (BVX04CCV)	300m Drum	16
	1.5MM2 X 12 CORE (BVX12CCV)	300m Drum	16

	2.5MM2 X 2 CORE (BVX02DCV)	300m Drum	16
	2.5MM2 X 3 CORE (BVX03DCV)	300m Drum	16
	2.5MM2 X 4 CORE (BVX04DCV)	300m Drum	16
	2.5MM2 X 7 CORE (BVX07DCV)	300m Drum	16
	2.5MM2 X 12 CORE (BVX12DCV)	300m Drum	16
	2.5MM2 X 19 CORE (BVX19DCV)	300m Drum	16
	2.5MM2 X 37 CORE (BVX37ECV)	300m Drum	16
	4MM2 X 2 CORE (BVX02ECV)	300m Drum	16
	4MM2 X 3 CORE (BVX03ECV)	300m Drum	16
	4MM2 X 4 CORE (BVX04ECV)	300m Drum	16
	4MM2 X 7 CORE (BVX07ECV)	300m Drum	16
	4MM2 X 19 CORE (BVX19ECV)	300m Drum	16
	6MM2 X 4 CORE (BVX04FCV)	300m Drum	16
	10MM2 X 4 CORE (BVX04GCV)	300m Drum	16
	16MM2 X 3 CORE (BVX03HCV)	300m Drum	16
	16MM2 X 4 CORE (BVX04HCV)	300m Drum	16
	25MM2 X 4 CORE (BVX04KCV)	300m Drum	16

### Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	35MM2 X 4 CORE (BVX04LCV)	300m Drum	16
	50MM2 X 4 CORE (BVX04MCV)	300m Drum	16
	70MM2 X 4 CORE (BVX04NCV)	300m Drum	16
	95MM2 X 4 CORE (BVX04PCV)	300m Drum	16
	120MM2 X 3 CORE (BVX03QCV)	300m Drum	16
	120MM2 X 4 CORE (BVX04QCV)	300m Drum	16
	150MM2 X 3 CORE (BVX03RCV)	300m Drum	16
	150MM2 X 4 CORE (BVX04RCV)	300m Drum	16

	185MM2 X 4 CORE (BVX04SCV)	300m Drum	16
	240MM2 X 3 CORE (BVX03TCV)	300m Drum	16
	240MM2 X 4 CORE (BVX04TCV)	300m Drum	16
	300MM2 X 4 CORE (BVX04UCV)	300m Drum	16

#### CABLE TRAY

Cold drawn high tensile galvanized wire mesh cable tray (O-L GRIDSPAN GS 50 x 50) fixed in all positions, etc., to all heights above floor level, etc and to all areas. Complete with splice clamp sets, hold down brackets, bolts, nuts and washers, etc.

	100MM X 75MM X 3M	Each	2000
	150MM X 75MM X 3M	Each	2000
	300MM X 75MM X 3M	Each	2000
	600MM X 75MM X 3M	Each	2000
	100MM WIDE X 75MM 90 DEGREE HORIZONTAL BEND	Each	2000

**Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months  
– Scope of Work**

	100MM WIDE X 75MM 90 DEGREE EXTERNAL/INT BEND	Each	2000
	150MM WIDE X 75MM 90 DEGREE HORIZONTAL BEND	Each	2000
	150MM WIDE X 75MM 90 DEGREE EXTERNAL/INT BEND	Each	2000
	300MM WIDE X 75MM 90 DEGREE HORIZONTAL BEND	Each	2000
	300MM WIDE X 75MM 90 DEGREE EXTERNAL/INT BEND	Each	2000
	600MM WIDE X 75MM 90 DEGREE HORIZONTAL BEND	Each	2000
	600MM WIDE X 75MM 90 DEGREE EXTERNAL/INT BEND	Each	2000
	600MM WIDE X 75MM TEE	Each	2000

**CABLE SUPPORT SYSTEM**

Galvanized steel channel forming frame support complete with bolts, spring nuts, nuts and washers, fixed in all positions, etc., to all heights above floor level, etc and to all areas.

	41.3MM X 41.3MM X 2.5MM THICK (O-L 1000)	Each	2000
	82.6MM X 41.3MM X 2.5MM THICK (O-L 1001)	Each	2000
	41.3MM X 41.3MM X 2.5MM THICK (O-L 1000) - COVERS F1184	Each	2000

**CABLE SUPPORT SYSTEM**

Galvanized steel single arm cantilever with tongue type bracket complete with bolts, spring nuts, nuts and washers, etc.

	650MM LONG X 89MM HIGH (O-L 251-650)	Each	2000
--	--------------------------------------	------	------

**Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months**  
**– Scope of Work**

<b>GALVANIZED CONDUIT</b>			
Surface mounted and fixed in all positions, etc., to all heights above floor level, etc and to all areas.			
	20MM DIAMETER	Each	2000
	25MM DIAMETER	Each	2000
	50MM DIAMETER	Each	2000
<b>GALVANIZED THREADED ROD</b>			
	12 MM THREADED RODS WITH NUTS AND WASHERS	Each	2000
<b>WIRING CHANNELS</b>			
Galvanized steel channel complete with galvanized cover surface mounted and fixed in all positions, etc., to all heights above floor level, etc and to all areas.			
	41.3 X 41.3 X 1.6MM THICK (O-L 2000)	Each	2000
	76.2 X 76.2 X 2.1MM THICK (O-L 8000)	Each	2000
<b>STEEL</b>			
Painted steel for support of racking, including all necessary fixing, bolts, nuts, washers, welding, etc and holes, notches, etc fixed in all positions, etc., to all heights above floor level, etc and to all areas.			
	25MM X 25MM X 5MM ANGLE SECTION	Each	2000
	50MM X 50MM X 6MM ANGLE SECTION	Each	2000
	76MM X 38MM X 6MM CHANNEL IRON	Each	2000
<b>EARTHING CABLES</b>			
	16MM <sup>2</sup> BCEW	m	2000
	70MM <sup>2</sup> BCEW	m	2000
	150MM <sup>2</sup> KWENA	m	2000
	400MM <sup>2</sup> KWENA LUGS	m	2000
	4MM <sup>2</sup> G/Y PVC COVERED	m	2000
	6MM <sup>2</sup> G/Y PVC COVERED	m	2000
	10MM <sup>2</sup> G/Y PVC COVERED	m	2000
	16MM <sup>2</sup> G/Y PVC COVERED	m	2000

## Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months – Scope of Work

	70MM <sup>2</sup> G/Y PVC COVERED	m	2000
	4MM <sup>2</sup> BLACK PVC COVERED	m	2000
	6MM <sup>2</sup> BLACK PVC COVERED	m	2000
	10MM <sup>2</sup> BLACK PVC COVERED	m	2000
	16MM <sup>2</sup> BLACK PVC COVERED	m	2000
	70MM <sup>2</sup> BLACK PVC COVERED	m	2000
	50 X 3 MM FLAT COPPER	m	2000

### CABLE MARKER, SLABS AND MARKER TAPE

	DANGER TAPE	Each	1500
	CABLES SLABS	Each	1500
	ROUTE MARKERS	Each	1500
	ROAD CROSSING 12M	Each	1500
	PVC SLEEVES 110 MM X 6M	Each	1500

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

## C3.1: PURCHASER'S GOODS INFORMATION

- See C2.2 the price schedule (page 22 to 23).

## 4 Constraints on how the Supplier Provides the Goods

### 4.1 Use of standard forms

All communication to be confirmed in writing  
Standard SAP Purchase Orders will be used to place orders

## **Electrical Cables and Earthing Spares Supply and Delivery for a Period of 48 Months**

### **– Scope of Work**

Standard NEC forms to be used

#### **4.2 Invoicing and payment**

In terms of core clause 50 the *Supplier* assesses the amount due and applies to the *Purchaser* for payment.

The *Supplier* applies for payment with a tax invoice addressed to the *Purchaser* as follows:

---

The *Supplier* includes the following information on each tax invoice:

- Invoices must be made out to: Eskom Holdings SOC Limited
- Address of Purchaser  
Camden Power Station  
Private Bag X 1002  
Nucam  
2355

Attention: Financial Accounting

- Name and address of the *Supplier*
- The contract number and title;
- *Supplier's* VAT registration number;
- The *Purchaser's* VAT registration number which is;
- The total of
  - The Price for each lump sum item in the Price Schedule or Purchase Order which the *Supplier* has completed;
  - Where a quantity is stated for an item in the Price Schedule or Purchase Order, an amount calculated by multiplying the quantity which the *Supplier* has completed by the rate,
- Other amounts to be paid to the *Supplier*;
- Less amounts to be paid by or retained from the *Supplier*;
- The invoiced amount - excluding VAT, the VAT and including VAT;
- Payment will be made via Electronic Funds Transfer (EFT)
- Payment will only be done once original invoices are received
- Name and Address of Purchaser

#### **4.3 Records of Defined Cost**

Supplier to keep records of all costs relating to the goods.