



NEC3 Supply Contract (SC3)

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

and
(Reg No. _____)

for **SUPPLY AND DELIVERY OF CLAMPS IN THE CAPE
COASTAL CLUSTER**

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CONTRACT No.

PART C1: AGREEMENTS & CONTRACT DATA

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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 CLAMPS IN THE CAPE COASTAL CLUSTER

The tenderer, identified in the Offer signature block, has

either	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.
or	examined the draft contract as listed in the Acceptance section and agreed to provide this Offer.

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

	The offered total of the Prices exclusive of VAT is	R
	Value Added Tax @ 15% is	R
	The offered total of the amount due inclusive of VAT is ¹	R
(in words) [•]		

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

Signature(s)

Name(s) _____

Capacity _____

**For the
tenderer:**

(Insert name and address of organisation)

Name &
signature of
witness

Date

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

Acceptance

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

The terms of the contract, are contained in:

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

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

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

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

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

Signature(s)

Name(s) _____

Capacity _____

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

(Insert name and address of organisation)

Name &
signature of
witness

Date

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

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

Note:

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

No.	Subject	Details
1		
2		
3		
4		
5		
6		
7		

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

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

For the tenderer:

Signature

Name

Capacity

On behalf
of

(Insert name and address of organisation)

For the Purchaser

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

Name &
signature
of witness

Date

C1.2 SC3 Contract Data

Part one - Data provided by the *Purchaser*

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	X2 Changes in the law X4 Parent company guarantee X7: Delay damages X12: Partnering X17: Low performance damages X20: Key Performance Indicators Z: Additional conditions of contract
10.1	of the NEC3 Supply Contract (April 2013) ¹	(If the December 2009 edition is to be used delete April 2013 and replace by December 2013)
10.1	The <i>Purchaser</i> is (name):	Eskom Holdings SOC Ltd (reg no: 2002/015527/30), a state owned company incorporated in terms of the company laws of the Republic of South Africa
	Address	Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg
	Tel No.	011 800 8111
	Fax No.	
10.1	The <i>Supply Manager</i> is (name):	Michael Zatu
	Address	ESKOM HOLDINGS SOC LIMITED, Sunilaws Office Park, Beacon Bay EAST LONDON, 5205
	Tel	+27 21 980 3412
	Fax	
	e-mail	zatumm@eskom.co.za
11.2(13)	The <i>goods</i> are	Supply and delivery of clamps in the cape coastal cluster
11.2(13)	The <i>services</i> are	Supply and deliver

¹ Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, www.ecs.co.za.

11.2(14)	The following matters will be included in the Risk Register	N/A
11.2(15)	The Goods Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.
11.2(15)	The Supply Requirements as part of the Goods Information is in	Annexure A to this Contract Data
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa
13.1	The <i>language of this contract</i> is	English
13.3	The <i>period for reply</i> is	one weeks
2	The Supplier's main responsibilities	Data required by this section of the core clauses is provided by the <i>Supplier</i> in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.
3	Time	
30.1	The <i>starting date</i> is.	20 March 2026
30.1	The <i>delivery date</i> of the goods and services is:	goods and services delivery date 1 According to Manufacturer supplied delivery schedule As agreed
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.	N/A
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	Two weeks of the Contract Date.
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	Four weeks.
4	Testing and defects	
42	The <i>defects date</i> is	The warranty period as per manufacturers specification after Delivery.
43.2	The <i>defect correction period</i> is except that the <i>defect correction period</i> for and the <i>defect correction period</i> for	Four weeks Main components is four weeks Minor components are two weeks
42.2	The <i>defects access period</i> is except that the <i>defect access period</i> for and the <i>defect access period</i> for	Two weeks Main components are four weeks Minor components are two weeks
5	Payment	
50.1	The <i>assessment interval</i> is	Within one week of delivery
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	Depends on BBBEE status at date of payment

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

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

6	Compensation events	As per NEC3 SC contract
7	Title	As per NEC3 SC contract
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional <i>Purchaser's</i> risks	1. N/A
88.1	The <i>Supplier's</i> liability to the <i>Purchaser</i> for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	The contract price
88.2	For any one event, the <i>Supplier's</i> liability to the <i>Purchaser</i> for loss of or damage to the <i>Purchaser's</i> property is limited to	(1) for the <i>Purchaser's</i> existing and surrounding property in the care, custody and control of the <i>Supplier</i> the amount of the deductible (first amount payable) relevant to the event and (2) for all other existing <i>Purchaser's</i> property the applicable deductible as at contract date
88.3	The <i>Supplier's</i> liability for Defects due to his design which are not notified before the last <i>defects date</i> is limited to:	Total contract price
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	Total contract price

the excluded matters, is limited to

88.5	The <i>end of liability date</i> is	As per manufacturer's warranty specifications after Delivery of the whole of the goods and services.
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9 Termination and dispute resolution

94.1	The <i>Adjudicator</i> is	Will be agreed when dispute arise.
		The person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see www.ice-sa.org.za). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).
94.2(3)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See www.ice-sa.org.za)
94.4(2)	The <i>tribunal</i> is:	arbitration
94.4(5)	The <i>arbitration procedure</i> is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
94.4(5)	The place where arbitration is to be held is The person or organisation who will choose an arbitrator - if the Parties cannot agree a choice or - if the arbitration procedure does not state who selects an arbitrator, is	South Africa the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.

10 Data for Option clauses

X2	Changes in the law		
X2.1	A change in the law of	As per NEC3 SC contract	
X7	Delay damages		
X7.1	Delay damages for Delivery are	Delivery of	amount per day
		One week outside the agreed delivery timelines	0,25%
		Two weeks outside the agreed delivery timelines	10%
Z	The additional conditions of contract are		Z1 to Z15 always apply for Eskom

Z1 Cession delegation and assignment

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

Z2 Joint ventures

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

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

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

Z4 Confidentiality

- Z4.1 The *Supplier* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Supplier*, enters the public domain or to information which was already in the possession of the *Supplier* at the time of disclosure (evidenced by written records in existence at that time). Should the *Supplier* disclose information to Others in terms of clause 23.1, the *Supplier* ensures that the provisions of this clause are complied with by the recipient.
- Z4.2 If the *Supplier* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Supply Manager*.
- Z4.3 In the event that the *Supplier* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Supplier*, to the extent permitted by law prior to

disclosure, notifies the *Purchaser* so that an appropriate protection order and/or any other action can be taken if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the *Supplier* may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.

Z4.4 The taking of images (whether photographs, video footage or otherwise) of the *goods* or any portion thereof, in the course of Providing the Goods and Services and after Delivery, requires the prior written consent of the *Supply Manager*. All rights in and to all such images vests exclusively in the *Purchaser*.

Z4.5 The *Supplier* ensures that all his subcontractors abide by the undertakings in this clause.

Z5 Waiver and estoppel: Add to core clause 12.3:

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

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

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

Without limitation the *Supplier*:

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

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

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

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

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

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

Z8 Notifying compensation events

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

Z9 Purchaser's limitation of liability

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

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

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

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

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

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

Z12 Ethics

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

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

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

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

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

Corrupt Action means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,

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

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

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

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

Z13 Insurance

Z 13.1 Replace core clause 84 with the following:

Insurance cover 84

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

INSURANCE TABLE A

Insurance against	Minimum amount of cover or minimum limit of indemnity
Loss of or damage to the goods, plant and materials	<p>The replacement cost where not covered by the <i>Purchaser's</i> insurance.</p> <p>The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance.</p>
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	<p>Loss of or damage to property</p> <p><i>Purchaser's</i> property</p> <p>The replacement cost where not covered by the <i>Purchaser's</i> insurance.</p> <p>The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance.</p> <p>Other property</p> <p>The replacement cost</p> <p>Death of or bodily injury</p> <p>The amount required by the applicable law.</p>
Liability for death of or bodily injury to employees of the <i>Supplier</i> arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law

Z 13.2 Replace core clause 87 with the following:

**Insurance by
the Purchaser** 87

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

INSURANCE TABLE B

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

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

Z14.1 The *Purchaser* is the operator of the Koeberg Nuclear Power Station (KNPS), a nuclear installation, as designated by the National Nuclear Regulator of the Republic of South Africa, and is the holder of a nuclear licence in respect of the KNPS.

Z14.2 The *Purchaser* is solely responsible for and indemnifies the *Supplier* or any other person against any and all liabilities which the *Supplier* or any person may incur arising out of or resulting from nuclear damage, as defined in Act 47 of 1999, save to the extent that any liabilities are incurred due to the unlawful intent of the *Supplier* or any other person or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.

Z14.3 Subject to clause Z14.4 below, the *Purchaser* waives all rights of recourse, arising from the aforesaid, save to the extent that any claims arise or liability is incurred due or attributable to the unlawful intent of the *Supplier* or any other person, or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.

Z14.4 The *Purchaser* does not waive its rights provided for in section 30 (7) of Act 47 of 1999, or any replacement section dealing with the same subject matter.

Z14.5 The protection afforded by the provisions hereof shall be in effect until the KNPS is decommissioned.

Z15 Asbestos

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

AAIA	means approved asbestos inspection authority.
ACM	means asbestos containing materials.
AL	means action level, i.e. a level of 50% of the OEL, i.e. 0.1 regulated asbestos fibres per ml of air measured over a 4 hour period. The value at which proactive actions is required in order to control asbestos exposure to prevent exceeding the OEL.
Ambient Air	means breathable air in area of work with specific reference to breathing zone, which is defined to be a virtual area within a radius of approximately 30cm from the nose inlet.
Compliance Monitoring	means compliance sampling used to assess whether or not the personal exposure of workers to regulated asbestos fibres is in compliance with the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
OEL	means occupational exposure limit.
Parallel Measurements	means measurements performed in parallel, yet separately, to existing measurements to verify validity of results.
Safe Levels	means airborne asbestos exposure levels conforming to the Standard's

requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.

Standard means the *Purchaser's Asbestos Standard 32-303: Requirements for Safe Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos Containing Material, Equipment and Articles.*

SANAS means the South African National Accreditation System.

TWA means the average exposure, within a given workplace, to airborne asbestos fibres, normalised to the baseline of a 4 hour continuous period, also applicable to short term exposures, i.e. 10-minute TWA.

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

Z15.2 Upon written request by the *Supplier*, the *Purchaser* certifies that these conditions prevail. All measurements and reporting are effected by an independent, competent, and certified occupational hygiene inspection body, i.e. a SANAS accredited and Department of Employment and Labour approved AAIA. The *Supplier* may perform Parallel Measurements and related control measures at the *Supplier's* expense. For the purposes of compliance the results generated from Parallel Measurements are evaluated only against South African statutory limits as detailed in clause Z15.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.

Z15.3 The *Purchaser* manages asbestos and ACM according to the Standard.

Z15.4 In the event that any asbestos is identified while Providing the Services, a risk assessment is conducted and if so required, with reference to possible exposure to an airborne concentration of above the AL for asbestos, immediate control measures are implemented and relevant air monitoring conducted in order to declare the area safe.

Z15.5 The *Supplier's* personnel are entitled to stop working and leave the contaminated area forthwith until such time that the area of concern is declared safe by either Compliance Monitoring or an AAIA approved control measure intervention, for example, per the emergency asbestos work plan, if applicable.

Z15.6 The *Supplier* continues to Provide the Services, without additional control measures presented, on presentation of Safe Levels. The contractually agreed dates to Provide the Services, including the Completion Date, are adjusted accordingly. The contractually agreed dates are extended by the notification periods required by regulations 3 and 21 of the Asbestos Regulations.

Z15.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Purchaser* at the *Purchaser's* expense, and conducted in line with South African legislation.

Annexure A: Supply Requirements

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

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

The *Supplier* supplies the goods in accordance with INCOTERMS 2010² as follows:

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

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

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

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

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

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

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

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

² International Chamber of Commerce, Incoterms 2010, Paris, January 2011

The Supply Requirements for this contract are as follows:

[Use these when INCOTERMS do not apply].

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

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

C1.2 Contract Data

Part two - Data provided by the *Supplier*

Clause	Statement	Data												
10.1	The <i>Supplier</i> is (Name): Address Tel No. Fax No.													
11.2(8)	The Goods Information for the <i>Supplier's</i> design is in:													
11.2(11)	The tendered total of the Prices is	R , (in words)												
11.2(12)	The <i>price schedule</i> is in:													
11.2(14)	The following matters will be included in the Risk Register													
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are													
30.1	The <i>delivery date</i> of the goods and services is:	<table><thead><tr><th></th><th>goods and services</th><th>delivery date</th></tr></thead><tbody><tr><td>1</td><td>Supply and deliver clamps</td><td>20 March 2026</td></tr><tr><td>2</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td></tr></tbody></table>		goods and services	delivery date	1	Supply and deliver clamps	20 March 2026	2			3		
	goods and services	delivery date												
1	Supply and deliver clamps	20 March 2026												
2														
3														
31.1	The programme identified in the Contract Data is contained in:													
63.2	The <i>percentage for overheads and profit</i> added to the Defined Cost is	%												

PART 2: PRICING DATA

NEC3 Supply Contract

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

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	<p>The amount due is</p> <ul style="list-style-type: none">• the Price for each lump sum item in the Price Schedule which the <i>Supplier</i> has completed,• where a quantity is stated for an item in the Price Schedule, an amount calculated by multiplying the quantity which the <i>Supplier</i> has completed by the rate,• plus other amounts to be paid to the <i>Supplier</i>,• less amounts to be paid by or retained from the <i>Supplier</i>.

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

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

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.

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*

Material/SAP nr	Description	Unit	Quantity	Rate	Price
165495	CLAMP:P/G ;4-15 M; 4-15 T ;AL-AL	no	17 500		
165496	CLAMP, IPC BIMET 35-95I/35-95I D3039	no	12500		
165498	CLAMP,IPC BIMET 35-95B/6-25I D3039	no	12500		
	Delivery Charges				

The total of the Prices

Deliver to King willims town and Mthatha

PART 3: SCOPE OF WORK

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

C3.1: PURCHASER'S GOODS INFORMATION

Contents

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

Service provider to supply and delivery of the clamps.

2 Specification and description of the *goods*

Supply and deliver of Clamps.

2.1 Purchaser's design

As per drawing specifications attached to.

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

Supplier's design which is to be submitted to the *Supply Manager* for his acceptance.

2.3 Other requirements of the *Supplier's* design

N/A

2.4 Use of *Supplier's* design

N/A.

2.5 Manufacture & fabrication

N/A

2.6 Factory acceptance testing (FAT)

There are often comprehensive requirements for testing at place of manufacture and before delivery. The tests are to be witnessed by the *Supply Manager* or by a testing agency of the *Purchaser's* nomination.

2.7 Other tests and inspections and commissioning in place of use

N/A

2.8 Operating manuals and maintenance schedules

Consideration should be given to obtaining operating manuals and maintenance schedules before Delivery of the whole of the *goods*.

3 Supply Requirements

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

4 Specification of the services to be provided

Items of service specified can be related to an item in the Price Schedule and technical specification

5 Constraints on how the *Supplier* Provides the Goods

5.1 Programming constraints

The order and timing of the work which the *Supplier* must take into account in his programme.

5.2 Work to be done by the Delivery Date

Delivery as when the *Supplier* has done all the work which the Goods Information states he is to do by the Delivery Date. The defined term "Delivery" is used in this contract to identify when a stage, or amount of work has been achieved.

5.3 Marking the goods

N/A

5.4 Constraints at the delivery place and place of use

Any constraints on how the to provide the *goods* and *services* both at the delivery place and where the *goods* and *services* are to be put into use, e. g. restriction on access, hours of working and sequence of work are to be discussed with *Purchaser* representative prior.

5.5 Cooperating with Others

If the *Purchaser* is aware of the *Supplier*'s need to co-operate with Others on a project or design of the *goods* needs to be discussed with *Purchaser*.

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

If any temporary services and things needed to facilitate the supply, such as cranes provided by the *Purchaser* for offloading of the *goods* are to be discussed with *Purchaser* representative prior.

5.7 Management meetings

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

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

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

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

5.8 Documentation control

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

5.9 Health and safety risk management

The *Supplier* shall comply with the health and safety requirements

5.10 Environmental constraints and management

The *Supplier* shall comply with the environmental criteria and constraints

5.11 Quality

The Supplier shall comply with the environmental criteria and constraints.

5.12 Invoicing and payment

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

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

- Name and address of the *Supplier* and the *Supply Manager*;
- The contract number and title;
- *Supplier*'s VAT registration number;
- The *Purchaser*'s VAT registration number.
- Description of goods and services provided for each item invoiced based on the Price Schedule;

- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
- (add other as required)

5.13 Insurance provided by the *Purchaser*

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

5.14 Contract change management

Any additional requirements to the compensation event clauses in section 6 of the core clauses; such as the use of standard forms.

5.15 Provision of bonds and guarantees

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

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

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

The *Supplier* is required to keep any records of Defined Cost. Include any other constraint which may be required in regard to format and filing of the records, and whether access for the *Supply Manager* shall be provided in hard copy or electronically.

6 Procurement

6.1 Subcontracting

6.1.1 Preferred subcontractors

Since delivery will take place through a local dealership specified on the sub-order (placed directly with the Manufacturer) the onus will be on the Manufacturer to ensure that the participating dealers are aware of the terms and conditions as well as the practical operation contract.

6.1.2 Limitations on subcontracting

Due to the large volumes that might be ordered through a nominated dealer, it can happen that the dealer floor plan does not provide for the movement of large number of units. Suppliers must ensure that deliveries will not be delayed due to limited dealer floor plans.

6.1.3 Spares and consumables

N/A

6.1.4 Other requirements related to procurement

N/A

6.1.5 Cataloguing requirements by the *Supplier*

N/A

7 List of drawings

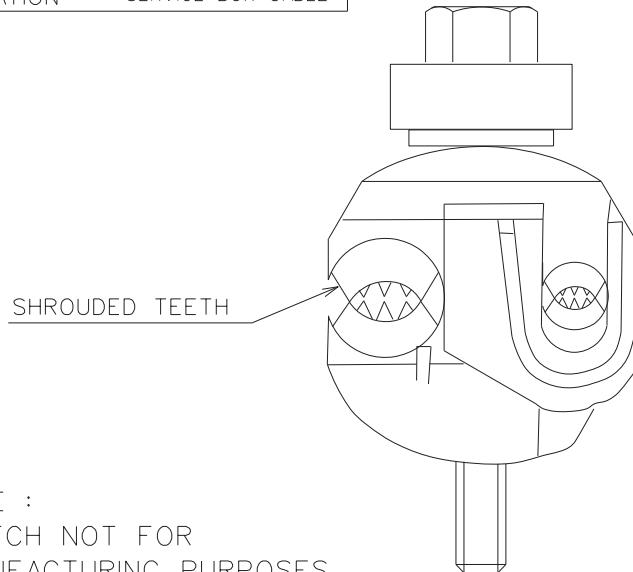
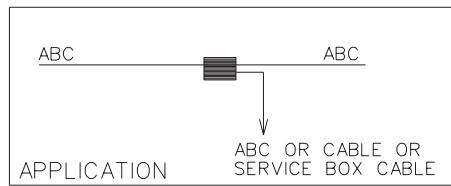
7.1 Drawings issued by the *Purchaser*

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

Drawing number	Revision	Title

C3.2 SUPPLIERS GOODS INFORMATION

This section could also be compiled as a separate file.



NOTE :
SKETCH NOT FOR
MANUFACTURING PURPOSES

SAP MATERIAL No.:	0165494
SHORT DESCRIPTION:	CLAMP,IPC BIMET 35-95I/6-25I D3039

TECH. DESCRIPTION:

INSULATION PIERCING CONNECTOR (IPC)
FOR AERIAL BUNDLE AND INSULATED CONDUCTOR *
MAIN CONDUCTOR : ALUMINIUM OR COPPER 35-95mm SQUARE *
TAP CONDUCTOR : ALUMINIUM OR COPPER 6-25mm SQUARE *
COLOUR CODED BLACK *
ESKOM DRAWING No. D-DT-3039 *

ITEM :- INSULATION PIERCING CONNECTOR

MATERIAL SPECIFICATION :- SANS 50483-4

CORROSION SPECIFICATION :- SANS 50483-4

STANDARD SPECIFICATION :- SANS 50483-4

ESKOM SPECIFICATION :- 240-75883122

TEST & CERTIFICATION REQUIREMENTS :-

INSPECTION	Yes	No	ESKOM RELEASE NOTE	Yes	No
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IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS

17	SPEC REPLACE NRS 018 -5 BY SANS 50483-4 AND DSP 34-1643 BY 240-75883122.	J.S.	J. MAUDU	J. MAUDU	10.04.2023	
16	TAP SIZE: 4MM2 TO 25MM2 AL/CU AND 25MM2 TO 95MM2 AL/CU ADDED	P.A.T.	J. MAUDU	J. MAUDU	11.11.2014	
15	VARIOUS AMMENDMENTS MADE, 0190376 AND 0190375 REMOVED	P.A.V.	M. RAPAPA	M. RAPAPA	07.03.2007	

REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
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AUTH:	S.A. CILLIERS	DATE:	MARCH 93	SCALE NTS	 D-DT-3039	SAP No: 0165494
CHKD:		DATE:		CAD REF: SERIES 3000		SET
				FILE No: 3039		SHEET
DRAWN:	Z. WATSON	DATE:	14-09-92			REV 5 1 17

SPEC SHEET

SAP MATERIAL No.:	0165496
SHORT DESCRIPTION:	CLAMP, IPC BIMET 35-95I/35-95I D3039

TECH. DESCRIPTION:

INSULATION PIERCING CONNECTOR (IPC)
FOR AERIAL BUNDLE AND INSULATED CONDUCTOR *
MAIN CONDUCTOR : ALUMINIUM / COPPER 35-95mm SQUARE *
TAP CONDUCTOR : ALUMINIUM / COPPER 35-95mm SQUARE *
COLOUR CODED BLACK *
ESKOM DRAWING No. D-DT-3039 *

SAP MATERIAL No.:	0175104
SHORT DESCRIPTION:	CLAMP, IPC BIMET 16-95I/1.5-10I D3039

TECH. DESCRIPTION:

CLAMP, IPC BIMET 16-95I/1.5-10I D3039
INSULATION PIERCING CONNECTOR (IPC)
FOR AERIAL BUNDLE AND INSULATED/BARE CONDUCTOR *
MAIN CONDUCTOR : ALUMINIUM / COPPER 16-95mm SQUARE *
TAP CONDUCTOR : ALUMINIUM / COPPER 1.5-10mm SQUARE *
COLOUR CODED BLACK *
ESKOM DRAWING No. D-DT-3039 *

17	SPEC REPLACE NRS 018 -5 BY SANS 50483-4 AND DSP 34-1643 BY 240-75883122.				J.S.	J. MAUDU	J. MAUDU	10.04.2023	
16	TAP SIZE: 4MM2 TO 25MM2 AL/CU AND 25MM2 TO 95MM2 AL/CU ADDED				P.A.T.	J. MAUDU	J. MAUDU	11.11.2014	
15	VARIOUS AMMENDMENTS MADE, 0190376 AND 0190375 REMOVED				P.A.V.	M. RAPAPA	M. RAPAPA	07.03.2007	
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	S.A. CILLIERS	DATE:	MARCH 93	SCALE NTS	 Eskom		SAP No: 0165496 0175104		
CHKD:		DATE:		CAD REF: SERIES 3000	D-DT-3039		SET	SHEET	REV
DRAWN:	Z. WATSON	DATE:	14-09-92	FILE No: 3039	5		2	17	

SPEC SHEET

SAP MATERIAL No.:	0578664
SHORT DESCRIPTION:	CONNECTOR,TEE:RUN 25MM2 TO 95MM2 AL/CU

TECH. DESCRIPTION:

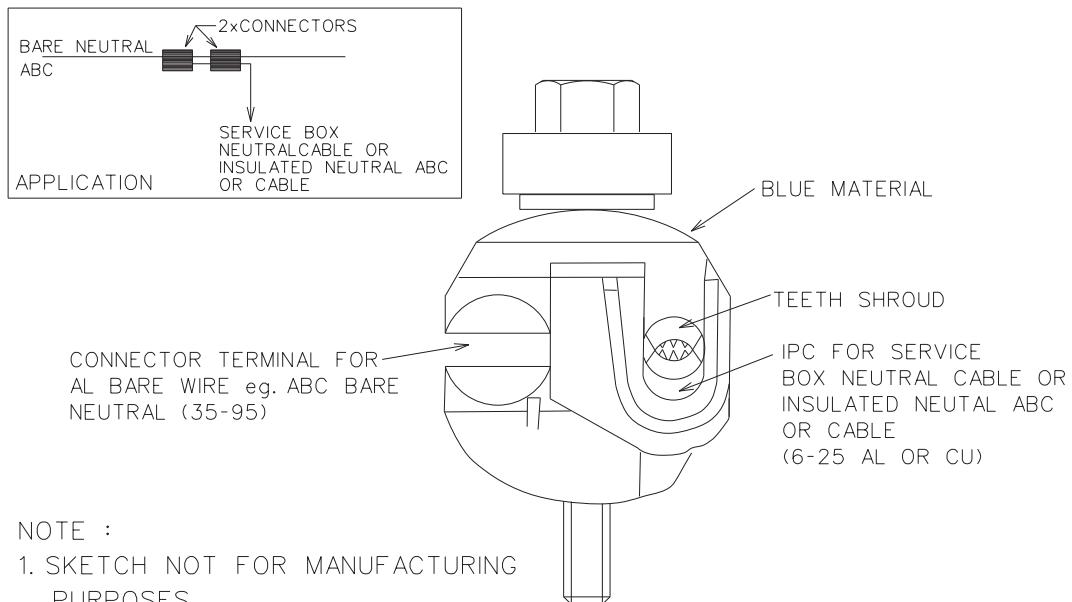
CONNECTOR, ELECTRICAL TEE: TYPE: IPC BIMETAL;
 RUN CONDUCTOR: 25MM2 TO 95MM2 AL/CU;
 TAP SIZE: 4MM2 TO 25MM2 AL/CU;
 MATERIAL: PVC; RUN CONNECTION: IPC; TAP CONNECTION: IPC;
 INSULATION PIERCING CONNECTOR (IPC);
 FOR AERIAL BUNDLE AND COVERED NEUTRAL CONDUCTOR;
 SUPPLIED COMPLETE WITH METAL SHEAR HEAD CAP COLOUR GREY;
 CLAMP BODY COLOUR CODE BLACK;
 ESKOM DRAWING No. D-DT-3039 *

SAP MATERIAL No.:	0578665
SHORT DESCRIPTION:	CONNECTOR,TEE:RUN 25MM2 TO 95MM2 AL/CU

TECH. DESCRIPTION:

CONNECTOR, ELECTRICAL TEE: TYPE: IPC BIMETAL;
 RUN CONDUCTOR: 25MM2 TO 95MM2 AL/CU;
 TAP SIZE: 25MM2 TO 95MM2 AL/CU;
 MATERIAL: PVC; RUN CONNECTION: IPC; TAP CONNECTION: IPC;
 INSULATION PIERCING CONNECTOR (IPC);
 FOR AERIAL BUNDLE AND COVERED NEUTRAL CONDUCTOR;
 SUPPLIED COMPLETE WITH METAL SHEAR HEAD CAP COLOUR GREY;
 CLAMP BODY COLOUR CODE BLACK;
 ESKOM DRAWING No. D-DT-3039 *

17	SPEC REPLACE NRS 018 -5 BY SANS 50483-4 AND DSP 34-1643 BY 240-75883122.				J.S.	J. MAUDU	J. MAUDU	10.04.2023	
16	TAP SIZE: 4MM2 TO 25MM2 AL/CU AND 25MM2 TO 95MM2 AL/CU ADDED				P.A.T.	J. MAUDU	J. MAUDU	11.11.2014	
15	VARIOUS AMMENDMENTS MADE, 0190376 AND 0190375 REMOVED				P.A.V.	M. RAPAPA	M. RAPAPA	07.03.2007	
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	S.A. CILLIERS	DATE:	MARCH 93	SCALE NTS	 Eskom		SAP No: 0578664 0578665		
CHKD:		DATE:		CAD REF: SERIES 3000	D-DT-3039		SET	SHEET	REV
DRAWN:	Z. WATSON	DATE:	14-09-92	FILE No: 3039	D-DT-3039		5	3	17



NOTE :

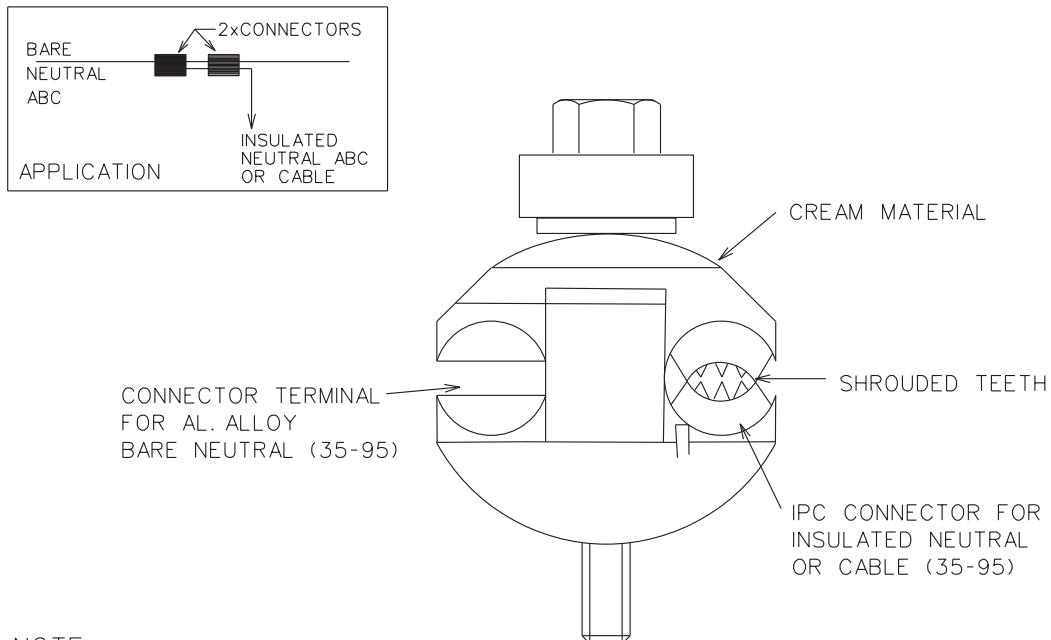
1. SKETCH NOT FOR MANUFACTURING PURPOSES.
2. BN = BARE NEUTRAL
SERV = INSULATED SERVICE
CABLE = LV INSULATED CONDUCTOR
(ALTERNATIVE TO 'H' CRIMP)

SAP MATERIAL No.:	0165498
SHORT DESCRIPTION:	CLAMP,IPC BIMET 35-95B/6-25I D3039

TECH. DESCRIPTION:

INSULATING PIERCING CONNECTOR (IPC) *
 BARE CONDUCTOR TO INSULATED CONDUCTOR *
 FOR ABC SYSTEMS *
 MAIN CONDUCTOR : ALUMINIUM 35 - 95mm SQUARE *
 TAP CONDUCTOR : ALUMINIUM / COPPER 6 - 25mm SQUARE *
 COLOUR CODED BLUE *
 ESKOM DRAWING No. D-DT-3039 *

17	SPEC REPLACE NRS 018-5 BY SANS 50483-4 AND DSP 34-1643 BY 240-75883122.				J.S.	J. MAUDU	J. MAUDU	10.04.2023	
16	TAP SIZE: 4MM2 TO 25MM2 AL/CU AND 25MM2 TO 95MM2 AL/CU ADDED				P.A.T.	J. MAUDU	J. MAUDU	11.11.2014	
15	VARIOUS AMMENDMENTS MADE, 0190376 AND 0190375 REMOVED				P.A.V.	M. RAPAPA	M. RAPAPA	07.03.2007	
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	S.A. CILLIERS	DATE:	MARCH 93	SCALE NTS	 Eskom			SAP No: 0165498	
CHKD:		DATE:		CAD REF: SERIES 3000	D-DT-3039			SET	SHEET
DRAWN:	Z. WATSON	DATE:	14-09-92	FILE No: 3039	5 4 17			REV	



NOTE :

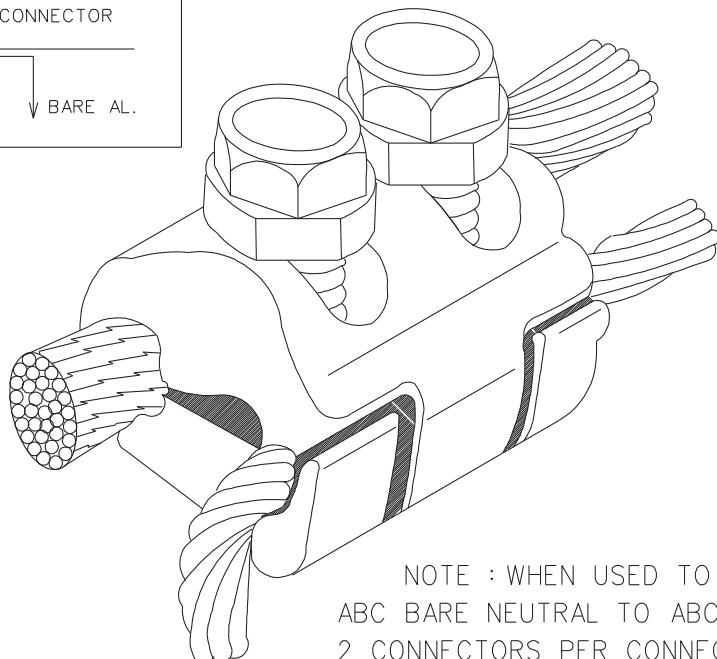
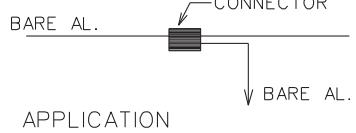
1. SKETCH NOT FOR MANUFACTURING PURPOSES.
2. BN = BARE NEUTRAL
IN = INSULATED NEUTRAL
CABLE = LV INSULATED CONDUCTOR
(ALTERNATIVE TO 'H' CRIMP)

SAP MATERIAL No.:	0165521
SHORT DESCRIPTION:	CLAMP,IPC BIMET 35-95B/35-95I D3039

TECH. DESCRIPTION:

INSULATING PIERCING CONNECTOR (IPC) *
 BARE CONDUCTOR TO INSULATED CONDUCTOR *
 FOR ABC SYSTEMS *
 MAIN CONDUCTOR : ALUMINIUM 35 - 95mm SQUARE *
 TAP CONDUCTOR : ALUMINIUM / COPPER 35 - 95mm SQUARE *
 COLOUR CODED CREAM *
 ESKOM DRAWING No. D-DT-3039 *

17	SPEC REPLACE NRS 018 -5 BY SANS 50483-4 AND DSP 34-1643 BY 240-75883122.				J.S.	J. MAUDU	J. MAUDU	10.04.2023	
16	TAP SIZE: 4MM2 TO 25MM2 AL/CU AND 25MM2 TO 95MM2 AL/CU ADDED				P.A.T.	J. MAUDU	J. MAUDU	11.11.2014	
15	VARIOUS AMMENDMENTS MADE, 0190376 AND 0190375 REMOVED				P.A.V.	M. RAPAPA	M. RAPAPA	07.03.2007	
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	S.A. CILLIERS	DATE:	MARCH 93	SCALE NTS	 Eskom			SAP No: 01655218	
CHKD:		DATE:		CAD REF: SERIES 3000	D-DT-3039			SET	SHEET
DRAWN:	Z. WATSON	DATE:	14-09-92	FILE No: 3039	5			REV	17



NOTE : WHEN USED TO CONNECT
ABC BARE NEUTRAL TO ABC BARE NEUTRAL
2 CONNECTORS PER CONNECTION POINT
ARE REQUIRED.

SAP MATERIAL No.:	0165495
SHORT DESCRIPTION:	CLAMP:P/G ;4-15 M; 4-15 T ;AL-AL
TECH. DESCRIPTION:	
CLAMP: TYPE: P/G; DIMENSIONS: 4-15 M; 4-15 T; MATERIAL: AL-AL; PARALLEL GROOVE (P/G) CLAMP; ALUMINIUM TO ALUMINIUM; M8 X 45 LONG - GRADE 316 STAINLESS STEEL BOLTS (HEX. HEAD); M8 BOLTS TORQUED TO 15NM; TO DIN EN 24017 (2 OFF); EACH BOLT SUPPLIED WITH M8 - GRADE 316 STAINLESS STEEL WASHERS; MAIN CONDUCTOR 4-15MM DIA.; TAP CONDUCTOR 4-15MM DIA.; ESKOM DRAWING No. D-DT-3158 *	

ITEM	:- CLAMP, P/G				
MATERIAL SPECIFICATION	:- DSP0033				
CORROSION SPECIFICATION	:- NRS 018-5				
STANDARD SPECIFICATION	:- NRS 018-5, IEC 61284, DIN NE 24017, ANSI C119.4				
ESKOM SPECIFICATION	:- DSP0033				
TEST & CERTIFICATION REQUIREMENTS	:- DSP0033				
INSPECTION	Yes	No	ESKOM RELEASE NOTE	Yes	No
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS					
17	TAP CONDUCTOR RANGE TAKING CORRECTED		P.A.T.	B. BRANFIELD	B. MCLAREN
16	SAP 0198221 REINSTATED, SAP 0165495 6-15 M 3.5-12 T ADDED & SAP 0198209 REINSTATED & MOVED TO D-DT-2058		P.A.T.	B. MCLAREN	B. MCLAREN
15	0198209 AND 0198221 REMOVED FROM BUYERS GUIDE		P.A.T.	B. BRANFIELD	B. MCLAREN
REV	REVISION DESCRIPTION		BY	CHKD	AUTH
AUTH:	S.A. CILLIERS	DATE:	MARCH 93	SCALE	SAP No:
				NTS	0165495
CHKD:		DATE:		CAD REF:	
				SERIES 3000	
DRAWN:	A.STEWART	DATE:	02-11-92	FILE No:	SET
				3058	SHEET
					REV
					2
					1
					17

 Eskom
D-DT- 3058

SPEC SHEET

SAP MATERIAL No.:	0198221
SHORT DESCRIPTION:	CLAMP:P/G ;8-17.5 M 7.5-17.5 T ;AL-CU

TECH. DESCRIPTION:

CLAMP: TYPE: P/G; DIMENSIONS: 8-17.5 M 7.5-17.5 T; MATERIAL: AL-CU;
 PARALLEL GROOVE (P/G) CLAMP; ALUMINIUM (MAIN) TO COPPER (TAP);
 M8 OR M10 X 45 LONG - GRADE 316 STAINLESS STEEL BOLTS (HEX. HEAD);
 M8 / M10 BOLTS TORQUED TO 15NM; TO DIN EN 24017 (2 OFF),
 EACH BOLT SUPPLIED WITH M8 OR M10 - GRADE 316 STAINLESS STEEL WASHERS;
 LINE CONDUCTOR 8-17.5MM DIA. ACSR (FOX TO HARE) AND AAAC EQUIVALENT TAP CONDUCTOR
 7.5-17.5MM DIA. STRANDED COPPER (35-185MM SQ. CU CABLE);
 ALL THE CLAUSES IN THE ESKOM SPEC. APPLY EXCEPT THE CONNECTORS SHALL BE
 SUITABLE FOR THE MAIN AND TAP CONDUCTOR TYPES AND SIZES STIPULATED ABOVE;
 A MINIMUM OF TWO BOLTS SHALL BE USED;
 THE CLAMP IS INTENDED FOR BI-METALLIC CONNECTIONS AND SUITABLE STEPS SHALL
 BE TAKEN TO ENSURE THAT THE CLAMP IS RESISTANT TO GALVANIC CORROSION;
 THE CLAMP SHALL FEATURE A PERMANENTLY BONDED COPPER INSERT TO MAKE THE
 CONNECTION ONTO THE COPPER TAP CONDUCTOR,
 PLATED PG CLAMPS ARE NOT CONSIDERED TO BE SUITABLE FOR BI-METALLIC CONNECTIONS ;
 ESKOM DRAWING No. D-DT-3058*

SAP MATERIAL No.:	0604742
SHORT DESCRIPTION:	CLAMP:P/G ;6-15 M 4-12 T ;AL-CU

TECH. DESCRIPTION:

CLAMP: TYPE: P/G; DIMENSIONS: 6-15 M 4-12 T; MATERIAL: AL-CU;
 PARALLEL GROOVE (P/G) CLAMP; ALUMINIUM (MAIN) TO COPPER (TAP);
 M8 X 45 LONG - GRADE 316 STAINLESS STEEL BOLTS (HEX. HEAD)
 M8 BOLTS TORQUED TO 15NM; TO DIN EN 24017 (2 OFF),
 EACH BOLT SUPPLIED WITH M8 - GRADE 316 STAINLESS STEEL WASHERS;
 LINE CONDUCTOR 6-15MM DIA. ACSR (SQUIRREL TO HARE) AND AAAC (35 TO OAK)
 TAP CONDUCTOR SIZE 4-12MM DIA. STRANDED COPPER (3-95 MM SQ. CU CABLE);
 ALL THE CLAUSES IN THE ESKOM SPEC. APPLY EXCEPT THE CONNECTORS SHALL BE
 SUITABLE FOR THE LINE AND TAP CONDUCTOR TYPES AND SIZES STIPULATED ABOVE;
 A MINIMUM OF TWO BOLTS SHALL BE USED;
 THE CLAMP IS INTENDED FOR BI-METALLIC CONNECTIONS AND SUITABLE STEPS SHALL
 BE TAKEN TO ENSURE THAT THE CLAMP IS RESISTANT TO GALVANIC CORROSION;
 THE CLAMP SHALL FEATURE A PERMANENTLY BONDED (WELDED) COPPER INSERT TO
 MAKE THE CONNECTION ONTO THE COPPER TAP CONDUCTOR.;
 PLATED PG CLAMPS ARE NOT CONSIDERED TO BE SUITABLE FOR BI-METALLIC CONNECTIONS;
 ESKOM DRAWING No. D-DT-3058*

17	TAP CONDUCTOR RANGE TAKING CORRECTED				P.A.T.	B. BRANFIELD	B. MCLAREN	18.06.2015
16	SAP 0198221 REINSTATED, SAP 0165495 6-15 M 3.5-12 T ADDED & SAP 0198209 REINSTATED & MOVED TO D-DT-2058				P.A.T.	B. MCLAREN	B. MCLAREN	18.06.2015
15	0198209 AND 0198221 REMOVED FROM BUYERS GUIDE				P.A.T.	B. BRANFIELD	B. MCLAREN	24.02.2015
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	S.A. CILLIERS	DATE:	MARCH 93	SCALE NTS		SAP No:		
CHKD:		DATE:		CAD REF: SERIES 3000		0198221	0604742	
DRAWN:	A.STEWART	DATE:	02-11-92	FILE No: 3058	D-DT- 3058	SET	SHEET	REV
						2	2	17