



NEC3 Supply

Short Contract (SSC3)

A contract between Eskom Holdings SOC Ltd
(Reg No. 2002/015527/30)

and _____

Reg No.: _____

for The supply and delivery of structural and steelwork
at Denova line 132kV DC and Substation.

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Contract Number:

C1 Agreements & Contract Data

C1.1 Form of Offer and Acceptance

Offer

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

The supply and delivery of structural and steelwork at Denova line 132kV DC and Substation.

The tenderer, identified in the signature block below, has

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

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

The offered total of the Prices exclusive of VAT is	R
Value Added Tax @ 15% is	R
The offered total of the Prices inclusive of VAT is	R
(in words)	

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

Signature(s)

Name(s)

Capacity

**For the
tenderer:**

(Insert name and address of organisation)

Name &
signature of
witness

Date

Acceptance

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 1 Agreements and Contract Data, (which includes this Form of Offer and Acceptance)

Part 2 Pricing Data

Part 3 Scope of Work: Goods Information

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 Tender 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, which must be signed by the duly authorised representative(s) for both parties.

The tenderer shall within one week 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 copy of this document, including the Schedule of Deviations (if any) together with all the terms of the contract as listed above.

Unless the tenderer (now *Supplier*) within five working days of the date of such receipt notifies the Purchaser in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

Signature(s)

Name(s)

Capacity

**for the
Purchaser**

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

Name &
signature of
witness

Date

Note: If a tenderer wishes to submit alternative tender offers, further copies of this document may be used for that purpose, duly endorsed, 'Alternative Tender No. _____'

Schedule of Deviations

Note:

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

No.	Subject	Details
1		
2		
3		
4		
5		
6		
7		

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

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

For the tenderer:

For the Purchaser (Eskom)

Signature

Name

Capacity

On behalf
of

(Insert name and address of organisation)

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

Name &
signature
of witness

Date

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

Clause	Statement	Data
General		
10.1	The <i>Purchaser</i> is (Name):	Eskom Holdings SOC Limited (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
	Represented by:	Sakhi Nkebe
	Tel No.	021 980 3868
	Fax No.	N/A
	E-mail address	NkebeS@eskom.co.za
11.2(4)	The <i>delivery date</i> is	TBC
ARCH	The Goods Information is in	the document called 'Goods Information' in Part 3 of this contract.
11.2(8)	The <i>goods</i> are	The supply and delivery of structural and steelwork at Denova line 132kV DC and Substation.
12.2	The <i>law of the contract</i> is	The Republic of South Africa
13.2	The <i>period for reply</i> is	1 week
15.1	The <i>premises</i> are	DeNova Substation
23.1	The <i>Purchaser</i> requires the <i>Supplier</i> to Provide the Goods when instructed by Batch Order.	No
23.1	If the <i>goods</i> are instructed by Batch Order,	
	the batch order interval is	N/A
	the end date is	31 March 2022
	the quantity range of <i>goods</i> in a batch is	N/A
30.1	The <i>starting date</i> is.	TBC
41.1	The <i>defects date</i> is	52 weeks after Delivery.
42.2	The period for the correction of Defects after Delivery is	2 weeks
50.1	The <i>assessment day</i> is the	25th day of each month.

50.5	The <i>delay damages</i> are [If the <i>goods</i> are instructed by Batch Order enter a <i>delay damages</i> amount appropriate to the quantity or use of the <i>goods</i> in the Batch]	[●] per day.
51.2	The interest rate on late payment is	0.05% per complete week of delay.
84.1	The <i>Purchaser</i> provides this insurance	None
86.1	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	Zero
86.2	The <i>Supplier</i> is not liable to the <i>Purchaser</i> for loss of or damage to the <i>Purchaser's</i> property in excess of	for any one event (as per Eskom Insurance Policy)
93.1	The <i>Adjudicator</i> is	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him (see www.ice-sa.org.za). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).
93.2(2)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering and the Institution of Civil Engineers (UK) or its successor body (See www.ice-sa.org.za).
93.4	The <i>tribunal</i> is: If the <i>tribunal</i> is arbitration, the arbitration procedure is	arbitration. the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
11.1	The <i>conditions of contract</i> are the NEC3 Supply Short Contract (April 2013)¹ ²and the following additional conditions.	

¹ Can be obtained from Engineering Contract Strategies on www.ecs.co.za, Tel 011 803 3008, Fax 086 539 1902

² If the December 2009 edition is being used, replace April 2013 with December 2009

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 and the Electricity Distribution Industry.

Z2 Change of Broad Based Black Economic Empowerment (B-BBEE) status

- Z2.1 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.
- Z2.2 The *Supplier* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Purchaser* within thirty days of the notification or as otherwise instructed by the *Purchaser*.
- Z2.3 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.
- Z2.4 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 the same as for Reason 3 identified in clause 90.3.

Z3 Waiver and estoppel: Add to clause 12.3:

- Z3.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, 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.

Z4 Provision of a Tax Invoice and interest. Add to clause 51

- Z4.1 The *Supplier* provides the *Purchaser* with a tax invoice in accordance with the *Purchaser's* procedures stated in the Goods Information, showing the correctly assessed amount due.
- Z4.2 If the *Supplier* does not provide a tax invoice by the time required in this contract for his assessment of each amount due, 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.
- Z4.3 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.

Z5 Purchaser's limitation of liability

- Z5.1 The *Purchaser's* liability to the *Supplier* for the *Supplier's* indirect or consequential loss is limited to R0.00 (zero Rand)
- Z5.2 The *Supplier's* entitlement under the indemnity in 83.1 is provided for in 60.1(8) and the *Purchaser's* liability under the indemnity is limited.

Z6 Termination: Add to clause 90.2 before (Reason 1)

- Z6.1 or had a judicial management order granted against it.
- Z6.2 If the *Supplier* does not provide a tax invoice by the time required in this contract for his assessment of each amount due, 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.
- Z6.3 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.

Z7 Addition to clause 50.5

- Z7.1 If the amount due for the *Supplier's* payment of *delay damages* reaches the limits stated in this Contract Data (if any), the *Purchaser* may terminate the *Supplier's* obligation to Provide the Goods using the same procedures and payment on termination as those applied for Reason 3. Identified in clause 90.3.

Z8 Ethics

For the purpose 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

- Z8.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

- Z8.2 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.
- Z8.3 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.
- Z8.4 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.

Z9 Insurance

Replace condition of contract 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 in this Insurance Table A from the *starting date* until Delivery and against any risks he carries under this contract between Delivery and the *defects date*.

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	<p><u>Loss of or damage to property</u></p> <p><u><i>Purchaser's</i> property</u></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</p>

contract	<p>contract date, where covered by the <i>Purchaser's</i> insurance.</p> <p><u>Other property</u></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

84.2 The *Purchaser* provides the insurances in this 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

Z10 Nuclear Liability

- Z10.1 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.
- Z10.2 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*.
- Z10.3 Subject to clause Z10.4 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*.
- Z10.4 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.
- Z10.5 The protection afforded by the provisions hereof shall be in effect until the KNPS is decommissioned.

Z11 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.
- Z11.1 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.
- Z11.2 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 Z11.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.
- Z11.3 The *Purchaser* manages asbestos and ACM according to the Standard.
- Z11.4 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.
- Z11.5 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.
- Z11.6 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.

- Z11.7 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.

Data provided by the *Supplier* (the *Supplier's Offer*)

The tendering Supplier is advised to read both the NEC3 Supply Short Contract (April 2013) and the relevant parts of its Guidance Notes (SSC3-GN)³ in order to understand the implications of this Data which the tenderer is required to complete. An example of the completed Data is provided on page 28 of the SSC3 Guidance Notes and Flow Charts.

Completion of the data in full is essential to create a complete contract.

10.1	The <i>Supplier</i> is (Name):	
	Address	
	Tel No.	
	Fax No.	
	E-mail address	
11.2(7)	The Price Schedule is in	the document called 'Price Schedule' in Part 2 of this contract.
11.2(7)	The offered total of the Prices	See C1.1 Form of Offer and Acceptance
63.2	The percentage for overheads and profit added to the Defined Cost is	%

⁴ Available from Engineering Contract Strategies on www.ecs.co.za Tel 011 803 3008, Fax 086 539 1902.

C2 Pricing Data

C2.1 Pricing assumptions

Entries in the first four columns of this Price Schedule are made either by the *Purchaser* or the tenderer. If the *Supplier* is to be paid an amount for the item which is not adjusted if the quantity of goods in the item changes, the tenderer 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 of goods which is the rate for the goods multiplied by the quantity supplied, the tenderer enters a rate for each item and multiplies it by the Quantity to produce the Price, to be entered in the final column.

The rates and Prices entered for each item includes for all work and other things necessary to supply and delivery of the items.

The Price Schedule to be read in Conjunction with drawings and specifications and scope in this contract to ensure supply and delivery of correct items, i.e. all items such as, but not limited to, access ladders, earthing lugs, bird perch attachments, insulator brackets, spark gap and goose neck fittings, shield wire suspension fittings, anchor bolt templates (x2).

C2.2 Price Schedule

The rates and Prices entered for each item includes for all work and other things necessary to supply the item.

Prices will be fixed and firm for the duration of an order.

Item no.	Description	Unit	Qty	Rate	Price
	Monopole Structures				
1	132kV double circuit 90 degree Tee steel strain with two earthwire attachment 16m CAH	Each	1		
2	132kV double circuit 60 degree steel strain 12m CAH	Each	3		
3	132kV double circuit 5 degree steel strain 12m CAH	Each	1		
4	132kV double circuit steel intermediate 18m CAH	Each	2		
5	132kV double circuit steel intermediate 12m CAH	Each	1		
6	132kV double circuit steel intermediate 16m CAH	Each	1		
7	132kV D/C Strains with Chickadee Shieldwire and Kingbird Conductors Crossarm details	Each	1		
	Structure for 400kV Crossing				
8	Structure for 400kV Crossing	Each	2		
	Brackets				
9	Interface Mounting Bracket for Post Insulator for (DWC7600-02-07-00)	Each	33		
10	Mounting Bracket (D-WC7600-02-02-02)	Each	24		
	Delivery				
11	Delivery of all structures supplied including loading and off-loading at site indicated	Each	1		

Total of the Prices (excluding VAT)

C3: Scope of Work

C3.1 Goods Information

The supply and delivery (Loading and off-loading on site) of Steel Monopole intermediate and strain structures, complete as stated in the Price Schedule C2.2, drawings and specifications in this contract.

1. Description of the goods

The List of goods/service below to be read in conjunction with drawings and specifications and scope in this contract to ensure supply and delivery of correct items, i.e. all items such as, but not limited to, access ladders, earthing lugs, bird perch attachments, insulator brackets, spark gap and goose neck fittings, shield wire suspension fittings, anchor bolt templates (x2).

The Supplier to enable the Employer to do quality inspections, witness and/or do tests when required

Item no.	Description
	The supply and delivery of structural and steelwork at Denova line 132kV DC and Substation.
	Delivery

2. Specifications

Title	Date or revision	Tick if publicly available
<u>General Specifications:</u>		
Health and Safety requirements		
Environmental requirements		
<u>Technical specifications:</u>		
9m Pole cross 400kv Line	Latest revision provided	attached
18m 5Deg Steel Strain Pole	Latest revision provided	attached
18m 5Deg Steel Strain Pole	Latest revision provided	attached
21m Intermediate Pole	Latest revision provided	attached
22m 90Deg 132kV Double Circuit TEE Steel Strain	Latest revision provided	attached
27m 132kV Double Circuit Steel Intermediate Pole	Latest revision provided	attached

Structure Drawings for the DeNova 132 DC Kingbird Conductor Line	Latest revision provided	attached
<u>Drawings:</u>		
DOUBLE CIRCUIT 132kV 90° / TEE STEEL STRAIN 16m cah : D-WC 7602-Set 13 - Sht 12	Latest revision provided	attached
132kV DOUBLE CIRCUIT 60° STEEL STRAIN 12m CAH : D-WC 7602-Set 13 - Sht 08	Latest revision provided	attached
132kV DOUBLE CIRCUIT 5° STEEL STRAIN 12m CAH : D-WC 7602-Set 20 - Sht 01	Latest revision provided	attached
132kV DOUBLE CIRCUIT STEEL INTERMEDIATE 18m cah: D-WC 7602-Set 04 - Sht 06	Latest revision provided	attached
132kV DOUBLE CIRCUIT STEEL INTERMEDIATE 12m CAH :D-WC -	Latest revision provided	attached
132kV DOUBLE CIRCUIT STEEL INTERMEDIATE 16m CAH: D-WC 7602-Set 04 - Sht 22	Latest revision provided	attached
132kV D/C STRAINS WITH CHICKADEE SHIELDWIRE AND KINGBIRD CONDUCTORS CROSSARM DETAILS : D-WC 7602-Set 05 - Sht 01	Latest revision provided	attached
STRUCTURE FOR 400kV CROSSING : D-WC-7065-Sht 1	Latest revision provided	attached
STRUCTURE FOR 400kV CROSSING RIETVLEI – PLATTEKLOOF 132kV LINE HARDWARE DETAILS : D-WC 7605 - Sht 3	Latest revision provided	attached
STRUCTURE FOR 400kV CROSSING COMPONENT DETAILS : D-WC-7065-Set 20 Sht 2	Latest revision provided	attached
HOLDING DOWN BOLTS GENERIC DRAWING : D-WC-7296-Set 20 Sht 0	Latest revision provided	attached
SUB-TRANSMISSION LINES EATHING LUG FOR 12 SIDED PLANTED INTERMEDIATE MONOPOLE : D-WC-7600-Set 02 Sht 18	Latest revision provided	attached
SUB-TRANSMISSION LINES LIFTING LUG DETAIL : D-WC-7600-Set 02 Sht 16	Latest revision provided	attached
EARTHWIRE CROSS-ARM DETAIL for Tiger S/wire : O.OOH-EW-G-120-Sht 01	Latest revision provided	attached
STAND – OFF INSULATOR MOUNTING BRACKING BRACKET FOR STEEL POLES : D- WC – 7600 – Set 02 Sht 02	Latest revision provided	attached
TWIN EARTH PEAK CONFIGURATION FOR 2X16Ka OPGW : TAP / OP/ 120 / 0 Sht 02	Latest revision provided	attached
BIRD PERCH : D-WC-6016-Set 53 Sht 01	Latest revision provided	attached
OPGW DOWNLEAD CLAMP BRACKET : D-WC-7600 - Set 07 Sht 01	Latest revision provided	attached

HORIZONTAL POST INSULATOR INTERFACE MOUNTING BRACKET FOR STEEL POLES : D-WC-7600 - Set 02 Sht 07	Latest revision provided	attached
STAND – OFF INSULATOR MOUNTING BRACKET FOR STEEL POLES : D-WC-7600 - Set 02 Sht 02	Latest revision provided	attached
120KN STRAIN PLATE for STEEL POLES : D-WC-7600 - Set 02 Sht 04	Latest revision provided	attached
HV STANDARD EARTHWIRE STRAIN HARDWARE : D-WC-7600 - Set 02 Sht 04	Latest revision provided	attached

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

Deliveries to be done on a site stipulated on previous pages.

3.1 Subcontracting

Supplier may subcontract for the delivery of the structures/goods

3.2 Use of standard forms

The *Supplier* in the administration of the contract, to use the standard NEC3 TSSC3 forms and templates example early warning and compensation event notifications

Documentation control

All correspondence to quote the relevant order number and to be on an official letter head.

Health and safety risk management

The *Supplier* shall comply with the health and safety requirements as listed below:

- Annexure B Is the acknowledgement of **Eskom's SHE rules** and requirements form (**Annexure B**) signed and submitted by the tenderer?
- **Health and Safety Plan** (must address the project /scope of work OHS risk(s) and aligned with the health and safety specification or requirements)
- **Costing for Health and Safety management**
 - Has the tenderer submitted detailed costing for OHS (the cost should be broken down not provided as a lump sum).
 - The costing must be based on the overall scope of work/service to be performed; the scope of work and the risk assessment may serve as a guideline.
- **Baseline OHS Risk Assessment (BRA)**
 - Identification, assessment and management of OHS risks related to the scope of work.
 - The methodology used for the risk assessment must be provided together with the BRA
- **Valid Letter of Good Standing** (COIDA or equivalent)
- **OHS policy signed by CEO**
The submitted policy must comply to OHS Act Section 7
- **OHS Competency**
(Consider scope of work, risks, OHS plan and applicability) CV,s and qualifications / certificates
(List competencies required)

Environmental constraints and management

COMPANY ENVIRONMENTAL POLICY	A DOCUMENT WHERE THE ORGANISATIONS TOP MANAGEMENT STIPULATES AND DEMONSTRATES ITS ENVIRONMENTAL AND LEGAL COMMITMENTS AND OBJECTIVE..
	SIGNED BY THE CEO / DIRECTOR, DATED AND VERSION CONTROLLED
COMPANY ENVIRONMENTAL ASPECTS AND IMPACTS	A DOCUMENT OR REGISTER THAT OUTLINES THE COMPANY ACTIVITIES, PRODUCTS AND SERVICES E.G. CABLE MANUFACTURING, GALVANISED STEEL, WASTE MANAGEMENT, CREATION OF ACCESS ROADS, BUSH CLEARING, LAYDOWN AREAS/STOCKPILING, OIL STORAGE, CEMENT MIXING, EXCAVATIONS, TRENCHING, DRIVING, SANITATION PROVISION.
	THE ASPECT OF THAT ACTIVITY/PRODUCT/SERVICE THAT INTERACTS WITH THE ENVIRONMENT E.G. WASTE DISPOSAL TO

	LAND, CUTTING/ REMOVING VEGETATION, OIL SPILLS/ LEAKS, CEMENT SPILLAGES, SEWERAGE SPILLS, SITE SELECTION, REMOVAL OF TOPSOIL.
	THE IMPACT THAT THAT ASPECT HAS ON THE ENVIRONMENT E.G . GROUNDWATER CONTAMINATION, DAMAGE/ DISTRUCTION TO VEGETATION, DESTROYING PROTECTED TREES, AIR POLLUTION, WATER POLLUTION, SOIL EROSION, INJURY/ KILLING OF ANIMALS, VISUAL IMPACT, CUSTOMER REPUTATION/IMAGE.
	ALL IMPACTS NEED TO HAVE A SIGNIFICANCE RATING.
	PROVIDE THE METHODOLOGY FOR CALCULATING AND DETERMINING THE SIGNIFICANCE RATING.
COMPANY ENVIRONMENTAL MANAGEMENT PROGRAMME	<p>S A MINIMUM EACH SIGNIFICANT ASPECT AND IMPACT NEED TO HAVE AN ENVIRONMENTAL MANAGEMENT PROGRAMME DETAILING:</p> <ul style="list-style-type: none"> - OBJECTIVE/S - ACTIONS / CONTROLS/ MITIGATION MEASURES - MEASURABLE TARGET/S - TIMEFRAMES - DESIGNATION OF RESPONSIBILITY
	THE ABOVE CAN BE AT DIFFERENT FUNCTIONS AND LEVELS OF THE ORGANISATION E.G. DIFFERENT OBJECTIVES AND TARGETS FOR MIDDLE MANAGEMENT, FINANCE DEPARTMENT, CONSTRUCTION DEPARTMENT, ETC. DEPENDING ON THEIR FUNCTION AND OUTPUTS.
ACKNOWLEDGEMENT AND DECLARATION OF UNDERSTANDING OF ESKOM ENVIRONMENTAL DOCUMENTS AND SPECIFICATIONS.	SIGN AND DATE ANNEXURE B OF THE ESKOM CONTRACT ENVIRONMENTAL MANAGEMENT PLAN SUBMITTED WITH THE TENDER ENQUIRY.

Quality Requirements:

Please refer tender documents.

- Category 3 Quality Requirement.
- Form A – to be completed and signed by the tenderers.
- 240-105658000: Supplier Quality Management Specification.
- Recommended specification – Contract Quality Plan (CQP/PQP) and Quality Control Plan (QCP/ITP).

SD & L Requirements: (100% threshold DTI)

- Completed and duly signed Preference Point Claim Form.
- Completed and duly signed SBD 6.2 – Local Content (Mandatory must be tender returnables)
- Declaration Certificate.
- Annexures C, D & E (Local Content (Mandatory must be tender returnables).

3.3 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:

1. The words "**TAX INVOICE**" in a prominent place (preferably at the top of the page).

2. **Name, address and VAT registration number of the supplier.**

3. **Name, address and VAT registration number of the recipient. ***

Please note: Eskom's name has to be reflected as **Eskom Holdings SOC Limited** on all tax invoices and Eskom's VAT number is 4740101508. The word just Eskom is not acceptable.

4. An **individual serial number** (tax invoice number) and **date issued**.

5. A **full and proper description** of goods and/or services supplied.

Please note: Merely referring to a contract is not sufficient.

6. The **quantity or volume** of goods or services supplied.*

7. Where the supply is subject to VAT at the standard rate, the following in Rand:

- The pre-VAT value, VAT amount and consideration OR
- The total consideration with a statement that VAT is included @15% OR
- The total consideration and the Rand amount of VAT charged.
- The *Contractor* attaches the detail assessment of the amount due to each tax invoice showing the Price for Work Done to Date for each item in the Price List for work which he has completed.
- The *Employer* will assess Payment certificates on actual work completed. Any possible issues regarding the claim will be addressed by the *Employer* to the *Contractor*.
- On acceptance of the Payment Certificate by the *Employer* the *Contractor* submits his invoice as agreed upon with the *Employer*. Payment will take place as per the NEC Conditions of Contract.

VAT TAX INVOICES

All invoices are to be submitted in electronic format to invoiceseskomlocal@eskom.co.za.

Any queries with regards to payments can be directed to Finance Shared Services (FSS) on (011) 800 5060.

Please take note of the following Tax requirements with regards to electronic invoicing:

o A PDF file that was created directly from a system meets the definition of original document and is allowed (including saving documents from excel to PDF, word to PDF etc.)

o An Invoice that was printed and then scanned to PDF by the Vendor is not acceptable as this is not an original tax invoice by SARS definition but a copy.

o The following wording needs to appear on the invoice: "Your invoice is encrypted in order to comply with SARS requirements that invoices and statements sent electronically are tamperproof."

Your banking details have to appear on all invoices in order to prevent payments into incorrect accounts and/or late payments due to verification of account details.

(SARS REQUIREMENT I.T.O TAX INVOICES FOR VAT PURPOSES)

In terms of the Revenue Laws Amendment Act, Act 45 of 2003, published on 22 December 2003, the following amendment will be made to Section 20 of the Value Added Tax Act 89 of 1991 ("the VAT Act"):

- (1) Section 20 of the Value Added Tax Act, 1991, is hereby amended by the substitution subsection (4) for paragraph (c) of the following paragraph: "(c) the [legal or trading] name, address and where the recipient is a registered vendor, the registration number of the recipient."
- (2) Subsection (1) shall come into operation on 1 March 2005 and shall apply in respect of any supply made on or after that date.

The effect of the above amendment is that Eskom's VAT registration number will have to appear on all tax invoices it receives from its suppliers in order for it to be a valid tax invoice in terms of Section 20 of the VAT Act from 1 March 2005.

We thus kindly request that the VAT registration number of Eskom as set out below is reflected on all tax invoices sent to Eskom for payment at the soonest of your convenience, but by the latest from 1 March 2005.

The VAT registration number for Eskom Holdings Ltd is 4740101508.

3.4 Records of Defined Cost

Not Applicable

3.5 BBEE and preferencing scheme

Suppliers shall be allocated points in accordance with the B-BBEE Evaluation Scorecard (Figure 1) shown below and 80/20 preference point system will be applicable:

Preference Points Scorecard

BBEE Level	Number of points (80/20 system)
1	20
2	18
3	16
4	12
5	8
6	6
7	4
8	2
Non-compliant	0

4. Requirements for the programme

Not Applicable

5. Services and other things provided by the *Purchaser*

Item	Date by which it will be provided
<u>General Specifications:</u>	
Health and Safety requirements	At tender stage
Environmental requirements	At tender stage
<u>Technical specifications:</u>	
9m Pole cross 400kv Line	At tender stage

18m 5Deg Steel Strain Pole	At tender stage
18m 5Deg Steel Strain Pole	At tender stage
21m Intermediate Pole	At tender stage
22m 90Deg 132kV Double Circuit TEE Steel Strain	At tender stage
27m 132kV Double Circuit Steel Intermediate Pole	At tender stage
<u>Drawings:</u>	
STRUCTURE DRAWINGS FOR DENOVA 132KV DC KINGBIRD CONDUCTOR LINE	At tender stage
Site where structures/goods are to be delivered in DeNova Substation	xx Weeks after order award

6. Supply requirements

Not Applicable

Batch Order

NOT APPLICABLE

Batch Order form for use when the Contract Data states that, in terms of clause 23, the *Purchaser* requires the *Supplier* to supply the *goods* in batches.

Contract number [•]

Batch Order No. [•]

Date

To: [•].....
..... (*Supplier*)I instruct you to supply the following *goods* selected from the Price Schedule:

Item no.	Description	Unit	Quantity	Rate	Price

Total of the Prices for the Batch Order

The start date is [•]

The *delivery date* is [•]

Signed:

Name (in print)

(for *Purchaser*)