



NEC3 Term Service Contract (TSC3)

Between **ESKOM HOLDINGS SOC LIMITED**
(Reg No. 2002/015527/06)

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

for The provision of Conveyor belt Splicing and Pulley lagging services
at Hendrina Power Station on an “**As and when required**” basis for
the period 36 months

Contents:**No of
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CONTRACT No. []

PART C1: AGREEMENTS & CONTRACT DATA

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[to be inserted from Returnable Documents at award stage]	

C1.1 Form of Offer & Acceptance

Offer

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

The provision of Conveyor belt Splicing and Pulley lagging services at Hendrina Power Station on an “As and when required” basis for the period 36 months

The tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto and by submitting this Offer has accepted the Conditions of Tender.

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 *Contractor* 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.

Options A	The offered total of the Prices exclusive of VAT is	Rates only
	Value Added Tax @ 15% is	Rates only
	The offered total of the amount due inclusive of VAT is ¹	Rates only
	(in words)	

This Offer may be accepted by the Employer 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 *Contractor* 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

Tenderer's CIDB registration number:

¹ This total is required by the *Employer* 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 Employer identified below accepts the tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor 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 Employer 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: Service 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 Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer 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 Employer'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 original copy of this document, including the Schedule of Deviations (if any).

Signature(s)

Name(s)

Capacity

**for the
Employer**

(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 *Employer* 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 Employer 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 Employer 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 Employer 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 Employer

Signature

Name

Capacity

On behalf
of

(Insert name and address of organisation)

Name &
signature
of witness

Date

Power Station Manager

Hendrina Power Station

(Insert name and address of organisation)

C1.2 TSC3 Contract Data

Part one - Data provided by the *Employer*

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

1. Please read the relevant clauses in the conditions of contract before you enter data. The number of the clause which requires the data is shown in the left-hand column for each statement however other clauses may also use the same data.
2. Whenever a cell is shaded in the left-hand column it denotes this data is optional and would be required in relation to the option selected. If the option is not required select and delete the whole row. Where the following symbol is used "[•]" - data is required to be inserted relevant to the specific option selected.]

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

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option:	
	•	A: Priced contract with price list
	dispute resolution Option	W1: Dispute resolution procedure
	and secondary Options	
		X1: Price adjustment for inflation
		X2: Changes in the law
		X4: Parent company guarantee
		X17: Low service damages
		X18: Limitation of liability
		X19: Task Order
		Z: Additional conditions of contract
	of the NEC3 Term Service Contract (June 2005) ²	
10.1	The <i>Employer</i> is (name):	Eskom Holdings SOC Limited (Reg No: 2002/015527/06), a juristic person incorporated in terms of the company laws of the Republic of South Africa
	Address	Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg

² Available from Engineering Contract Strategies Tel 011 803 3008 Fax 011 803 3009

10.1	The <i>Service Manager</i> is (name):	Thelma Tjabadi
	Address	1 Impala Road, Pullenshope, 1096
	Tel	(013) 296 3219
	Fax	086 557 6202
	e-mail	Tjabadt@eskom.co.za
11.2(2)	The Affected Property is	Hendrina Power Station Coal plant
11.2(13)	The <i>service</i> is	The provision of Conveyor belt Splicing and Pulley lagging services at Hendrina Power Station on an “As and when required” basis for the period 36 months.
11.2(14)	The following matters will be included in the Risk Register	N/A
11.2(15)	The Service Information is in	Part 3 of this contract.
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	1 day
2	The Contractor's main responsibilities	(If the optional statement for this section is not used, no data will be required for this section)
21.1	The <i>Contractor</i> submits a first plan for acceptance within	N/A
3	Time	
30.1	The <i>starting date</i> is.	TBA
30.1	The <i>service period</i> is	36 Months
4	Testing and defects	No data is required for this section of the conditions of contract.
5	Payment	
50.1	The <i>assessment interval</i> is	After completion of each task
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	14 Days
51.4	The <i>interest rate</i> is	(i) zero percent above the publicly quoted prime rate of interest (calculated on a 365 day year) charged by from time to time by the Standard Bank of South Africa (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	
	These are additional compensation events:	
7	Use of Equipment Plant and Materials	No data is required for this section of the <i>conditions of contract</i> .
8	Risks and insurance	
80.1	These are additional <i>Employer's</i> risks	
83.1	The <i>Employer</i> provides these insurances from the Insurance Table	as stated for "Format TSC3" available on http://www.eskom.co.za/live/content.php?Item_ID=9248 (See Annexure A for basic guidance).
83.1	The <i>Employer</i> provides these additional insurances	as stated for "Format TSC3" available on http://www.eskom.co.za/live/content.php?Item_ID=9248 (See Annexure A for basic guidance)
83.1	The minimum amount of cover for insurance against loss and damage caused by the <i>Contractor</i> to the <i>Employer's</i> property is	the amount of the deductibles relevant to the event described in the "Format TSC3" insurance policy available on http://www.eskom.co.za/live/content.php?Item_ID=9248
83.1	The minimum amount of cover for loss of or damage to Plant and Materials provided by the <i>Employer</i> is:	the amount of the deductibles relevant to the event described in the "Format TSC3" insurance policy available on http://www.eskom.co.za/live/content.php?Item_ID=9248
83.1	The minimum amount of cover for insurance in respect of loss of or damage to property (except the <i>Employer's</i> property, Plant and Materials and Equipment) and liability for bodily injury to	whatever the <i>Contractor</i> deems necessary in addition to that provided by the <i>Employer</i> .

	or death of a person (not an employee of the <i>Contractor</i>) arising from or in connection with the <i>Contractor's</i> Providing the Service for any one event is:		
83.1	The minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract for any one event is:	As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the <i>Contractor's</i> common law liability for people falling outside the scope of the Act with a limit of Indemnity of not less than R500 000 (Five hundred thousand Rands)..	
9	Termination	There is no Contract Data required for this section of the <i>conditions of contract</i> .	
10	Data for main Option clause		
A	Priced contract with price list		
20.5	The <i>Contractor</i> prepares forecasts of the final total of the Prices for the whole of the service at intervals no longer than	N/A	
11	Data for Option W1		
W1.1	The <i>Adjudicator</i> is (Name)	the person selected from the Eskom Panel of Adjudicators listed in Annexure B to this Contract Data by the Party intending to refer a dispute to him.	
W1.2(3)	The <i>Adjudicator nominating body</i> is:	the Chairman of the Joint Civils Division of the South African Institution of Civil Engineering. (See www.jointcivils.co.za)	
W1.4(2)	The <i>tribunal</i> is:	arbitration	
W1.4(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.	
	The place where arbitration is to be held is	[•] South Africa	
	The person or organisation who will choose an arbitrator	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.	
	- if the Parties cannot agree a choice or		
	- if the arbitration procedure does not state who selects an arbitrator, is		
12	Data for secondary Option clauses		
X1	Price adjustment for inflation		
X1.1	The <i>base date</i> for indices is		
	The proportions used to calculate the Price Adjustment Factor are:	proporti on	linked to index for
		35%	Labour
			Index prepared by SEIFSA TABLE C3

		35%	Materials	SEIFSA TABLE G
		20%	Transport	SEIFSA TABLE L
		10%	Non- adjustable	
		100%		
X2	Changes in the law	No data is required for this Option		
X17	Low service damages			
X17.1	The <i>service level table</i> is in			
X18	Limitation of liability			
X18.1	The <i>Contractor's</i> liability to the <i>Employer</i> for indirect or consequential loss is limited to	R0.0 (zero Rand)		
X18.2	For any one event, the <i>Contractor's</i> liability to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property is limited to	the amount of the deductibles relevant to the event described in the "Format TSC3" insurance policy available on http://www.eskom.co.za/live/content.php?Item_ID=9248		
X18.3	The <i>Contractor's</i> liability for Defects due to his design of an item of Equipment is limited to	The greater of the total of the Prices at the Contract Date and the amounts excluded and unrecoverable from the <i>Employer's</i> insurance (other than the resulting physical damage to the <i>Employer's</i> property which is not excluded) plus the applicable deductibles in the <i>Employer's</i> assets and works / maintenance policies available on http://www.eskom.co.za/live/content.php?Item_ID=9248		
X18.4	The <i>Contractor's</i> total liability to the <i>Employer</i> , for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	the total of the Prices other than for the additional excluded matters. The <i>Contractor's</i> total liability for the additional excluded matters is not limited. The additional excluded matters are amounts for which the <i>Contractor</i> is liable under this contract for Defects due to his design, plan and specification, Defects due to manufacture and fabrication outside the Affected Property, loss of or damage to property (other than the <i>Employer's</i> property, Plant and Materials), death of or injury to a person and infringement of an intellectual property right.		
X18.5	The <i>end of liability date</i> is	1 month after the end of the <i>service period</i>.		

X19	Task Order	
X19.5	The <i>Contractor</i> submits a Task Order programme to the <i>Service Manager</i> within	N/A
Z	The <i>additional conditions of contract</i> are	Z1 to Z11 always apply.

Z1 Cession delegation and assignment

- Z1.1 The *Contractor* does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the *Employer*.
- Z1.2 Notwithstanding the above, the *Employer* may on written notice to the *Contractor* 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 Joint ventures

- Z2.1 If the *Contractor* 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 *Employer* for the performance of this contract.
- Z2.2 Unless already notified to the *Employer*, the persons or organisations notify the *Service Manager* within two weeks of the Contract Date of the key person who has the authority to bind the *Contractor* on their behalf.
- Z2.3 The *Contractor* does not substantially alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the *Employer* having been given to the *Contractor* in writing.

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

- Z3.1 Where a change in the *Contractor's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Contractor's* B-BBEE status, the *Contractor* notifies the *Employer* within seven days of the change.
- Z3.2 The *Contractor* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Service Manager* within thirty days of the notification or as otherwise instructed by the *Service Manager*.
- Z3.3 Where, as a result, the *Contractor's* B-BBEE status has decreased since the Contract Date the *Employer* may either re-negotiate this contract or alternatively, terminate the *Contractor's* obligation to Provide the Works.
- Z3.4 Failure by the *Contractor* to notify the *Employer* of a change in its B-BBEE status may constitute a reason for termination. If the *Employer* terminates in terms of this clause, the procedures on termination are P1, P2 and P4 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

Z4 Ethics

- Z4.1 Any offer, payment, consideration, or benefit of any kind made by the *Contractor*, which constitutes or could be construed either directly or indirectly as an illegal or corrupt practice, as

an inducement or reward for the award or in execution of this contract constitutes grounds for terminating the *Contractor's* obligation to Provide the Service or taking any other action as appropriate against the *Contractor* (including civil or criminal action).

- Z4.2 The *Employer* may terminate the *Contractor's* obligation to Provide the Service if the *Contractor* (or any member of the *Contractor* where the *Contractor* constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations) is found guilty by a competent court, administrative or regulatory body of participating in illegal or corrupt practices.

Such practices include making of offers, payments, considerations, or benefits of any kind or otherwise, whether in connection with any procurement process or contract with the *Employer* or other people or organisations and including in circumstances where the *Contractor* or any such member is removed from the an approved vendor data base of the *Employer* as a consequence of such practice.

- Z4.3 Notwithstanding the provisions of core clause 90.2, the procedures on termination in terms of this clause are P1, P2 and P4 as stated in the core clause 92 and the amount due is A1 and A3 as stated in core clause 93.

Z5 Confidentiality

- Z5.1 The *Contractor* 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 *Contractor*, enters the public domain or to information which was already in the possession of the *Contractor* at the time of disclosure (evidenced by written records in existence at that time). Should the *Contractor* disclose information to Others in terms of clause 25.1, the *Contractor* ensures that the provisions of this clause are complied with by the recipient.
- Z5.2 If the *Contractor* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Service Manager*.
- Z5.3 In the event that the *Contractor* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Contractor*, to the extent permitted by law prior to disclosure, notifies the *Employer* 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 *Contractor* 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.
- Z5.4 The taking of images (whether photographs, video footage or otherwise) of the Affected Property or any portion thereof, in the course of Providing the Service and after the end of the *service period*, requires the prior written consent of the *Service Manager*. All rights in and to all such images vests exclusively in the *Employer*.
- Z5.5 The *Contractor* ensures that all his subcontractors abide by the undertakings in this clause.

Z6 Waiver and estoppel: Add to core clause 12.3:

- Z6.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the *Service 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.

Z7 Health, safety and the environment: Add to core clause 27.4

- Z7.1 The *Contractor* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the execution of the *service*. Without limitation the *Contractor*:

accepts that the *Employer* may appoint him as the "Principal Contractor" (as defined and provided for under the Construction Regulations 2003 (promulgated under the Occupational Health & Safety Act 85 of 1993) ("the Construction Regulations") for the Affected Property; warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with the Construction Regulations, 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 the *service*; and undertakes, in and about the execution of the *service*, to comply with the Construction Regulations and 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 *Contractor's* direction and control, likewise observe and comply with the foregoing.

Z7.2 The *Contractor*, in and about the execution of the *service*, 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 *Contractor's* direction and control, likewise observe and comply with the foregoing.

Z8 Provision of a Tax Invoice and interest. Add to core clause 51

Z8.1 Within one week of receiving a payment certificate from the *Service Manager* in terms of core clause 51.1, the *Contractor* provides the *Employer* with a tax invoice in accordance with the *Employer's* procedures stated in the Service Information, showing the amount due for payment equal to that stated in the payment certificate.

Z8.2 If the *Contractor* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Employer* 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 *Employer* in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.

Z8.3 The *Contractor* (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 *Employer's* VAT number 4740101508 on each invoice he submits for payment.

Z9 Notifying compensation events

Z9.1 Delete from the last sentence in core clause 61.3, "unless the *Service Manager* should have notified the event to the *Contractor* but did not".

Z10 Employer's limitation of liability

Z10.1 The *Employer's* liability to the *Contractor* for the *Contractor's* indirect or consequential loss is limited to R0.00 (zero Rand)

Z10.2 The *Contractor's* entitlement under the indemnity in 82.1 is provided for in 60.1(12) and the *Employer's* liability under the indemnity is limited to compensation as provided for under the compensation events stated in this contract.

Z11 Termination: Add to core clause 91.1, at the second main bullet point, fourth sub-bullet point, after the words "against it":

Z11.1 or had a judicial management order granted against it.

Z12 Change of Broad Based Black Economic Empowerment (B-BBEE) status

Where a change in the Contractor's legal status, ownership or any other change to his business composition or business dealings results in a change to the Contractor's B-BBEE status, the Contractor notifies the Employer within seven days of the change.

The Contractor is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the Employer within thirty days of the notification or as otherwise instructed by the Employer.

Where, as a result, the Contractor's B-BBEE status has decreased since the starting date the Employer may either re-negotiate this contract or alternatively, terminate the Contractor's obligation to Provide the Works.

Failure by the Contractor to notify the Employer of a change in its B-BBEE status may constitute a reason for termination. If the Employer terminates in terms of this clause, the procedures on termination are those stated in clause 91.1 and the amount due on termination includes amounts listed in Clause 92.1 less a deduction of the forecast additional cost to the Employer of completing the works.

Annexure A: Insurance provided by the Employer

These notes are provided as guidance to tendering contractors and the Contractor about the insurance provided by the Employer. Details of the insurance itself are available from the internet web link given below.

1. Services provided in a TSC3 contract could include some element of construction or refurbishment as well as a continuous maintenance or operational service activity. If an event occurs which causes loss or damage, a claim could be made either against the *Employer's* "works" type policy which may be in place for the *Employer's* portion of the Affected Property concerned or against the *Employer's* assets policy which may be in place for the *Employer's* portion of the Affected Property concerned, or both.
2. The cover provided and the deductibles under the works policy are different to those under the assets policy. Each policy has a range of applicable deductibles depending on the location of the Affected Property and the nature of the insurable event.
3. The *Contractor* is required in terms of Contract Data for clause 83 to provide cover for the deductibles in the insurance provided by the *Employer*. This can be provided from his own resources on a 'self insured' basis or obtained by him from his own insurers. In order to assess the extent of this cover, tendering contractors and their brokers should consult the internet web link given below and scroll to '**Format TSC3**' to establish both the cover and the deductibles in relation to the *service* provided in terms of this contract.
4. Tendering contractors should note that cover provided by the *Employer* is only per the policies available on the internet web link listed below and may not be the cover required by the tendering contractor or as intended by each of the listed insurances in the left hand column of the Insurance Table in clause 83.2. In terms of clause 83.1 "the *Contractor* provides the insurances stated in the Insurance Table except any insurance which the *Employer* is to provide". Hence the *Contractor* provides insurance which the *Employer* does not provide and in cases where the *Employer* does provide insurance the *Contractor* insures for the difference between what the Insurance Table requires and what the *Employer* provides.
5. If Marine Insurance is required the *Contractor* needs to obtain a copy of the latest edition of Eskom's Marine Policies Procedures found at internet website given below.
6. **Further information and full details of all Eskom provided policies and procedures may be obtained from:**

http://www.eskom.co.za/live/content.php?Item_ID=9248

Annexure B: The *Employer's* Panel of Adjudicators

The following persons listed in alphabetical order of their surname have indicated their willingness to be included in the Eskom Panel of Adjudicators. Their CV's may be obtained by using the contact details provided.

Name	Location	Contact details (phone & e mail)
Nigel ANDREWS	Gauteng	+27 11 836-6760 nigela@quoin.net
Andrew BAIRD	Gauteng	+27 11 803 3008 andrewbaird@ecsconsult.co.za
Christopher BINNINGTON	Gauteng	+27 11 888-6141 cdb@bca.co.za
Peter HIGGINS	UK	+44 1293 873 868 peterhiggins@pdconsult.co.uk
Bruce LEECH	Gauteng	+27 11 290 4000 leech@counsel.co.za
Nigel NILEN	Gauteng	+27 11 465 3601; nilences@global.co.za
Peter THURLOW	Gauteng	+27 11 787 6226 info@thurlowassoc.com

Information about the Panel and appointment of the selected *Adjudicator* is available from Eskom Supply Chain Operations management, by contacting Leighton Itholeng (Tel.: +27 (0)11 800 4031) (Fax :+27 (0)86 668 0419) E-mail: Leighton.Itholeng@eskom.co.za

C1.2 Contract Data

Part two - Data provided by the Contractor

Clause	Statement	Data
10.1	The <i>Contractor</i> is (Name): Address Tel No. Fax No.	
11.2(8)	The <i>direct fee percentage</i> is	%
	The <i>subcontracted fee percentage</i> is	%
11.2(14)	The following matters will be included in the Risk Register	
11.2(15)	The Service Information for the <i>Contractor's</i> plan is in:	
21.1	The plan identified in the Contract Data is contained in:	
24.1	The key persons are: 1 Name: Job: Responsibilities: Qualifications: Experience: 2 Name: Job: Responsibilities: Qualifications: Experience:	
CV's (and further key person's data including CVs) are in .		
A	Priced contract with price list	
11.2(12)	The <i>price list</i> is in	
11.2(19)	The tendered total of the Prices is	R

PART 2: PRICING DATA
TSC3 Option A

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

C2.1 Pricing assumptions: Option A

The *conditions of contract*

How work is priced and assessed for payment

Clause 11 in the core and Option A clauses of the NEC3 Term Service Contract, June 2005 (TSC3) state:

Identified and defined terms	11	
	11.2	(12) The Price List is the <i>price list</i> unless later changed in accordance with this contract.
		(20) The Prices are the amounts stated in the Price column of the Price List. Where a quantity is stated for an item in the Price List, the Price is calculated by multiplying the quantity by the rate.

Payments are made at Defined Cost plus Fee (See core clauses 11.2(5), 11.2(6) and 11.2(8)). At the dates stated in the Contract Data, the *Supply Manager* calculates the *Contractor's* share in terms of clause 53. If the *Contractor* has been paid more than the equivalent Prices in the Price List for the same work he pays the *Employer* a portion of the over-run (the pain) but if he has been paid less than the equivalent Prices in the Price List he is paid a portion of the under-run (the gain). The Prices in the Price List are derived from a list of items of service which can be priced as lump sums or as expected quantities of service multiplied by a rate or a mix of both.

Function of the Price List

In this Option the Price List is used as a means of arriving at a target price. Clause 54.1 in Option A states: "Information in the Price List is not Service Information". This confirms that instructions to do work or how it is to be done are not included in the Price List but in the Service Information. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Service in accordance with the Service Information". Hence the *Contractor* does **not** Provide the Service in accordance with the Price List.

Link to the *Contractor's* plan

Clause 21.4 states "The *Contractor* provides information which shows how each item description on the Price List relates to the operations on each plan which he submits for acceptance". Hence when compiling the *price list*, the tendering contractor needs to develop his first clause 21.2 plan in such a way that operations shown on it can be related to items of service priced in the *price list*.

Preparing the *price list*

It will be assumed that the tendering contractor has read Pages 14, 15 and 73 of the TSC3 Guidance Notes before preparing the *price list*. Items in the *price list* may have been inserted by the *Employer* and the tendering contractor should insert any additional items which he considers necessary. Whichever party provides the items in the *price list* the total of the Prices is assumed to be fully inclusive of everything necessary to Provide the Service as described at the time of entering into this contract.

1 As the *Contractor* has an obligation to correct Defects (core clause 42.1) and there is no compensation event for this unless the Defect was due to an *Employer's* risk, the lump sum Prices and rates must also include for the correction of Defects.

2 If the *Contractor* has decided not to identify a particular item in the *price list* at the time of tender the cost to the *Contractor* of doing the work must be included in, or spread across, the other Prices and rates

in the *price list* in order to fulfil the obligation to complete the *service* for the tendered total of the Prices, in this case the target.

3 There is no adjustment to lump sum prices in the *price list* if the amount, or quantity, of work within that lump sum item of service later turns out to be different to that which the *Contractor* estimated at time of tender. The only basis for a change to the Prices (and hence to the target) is as a result of a compensation event. See Clause 60.1.

4 Hence the Prices and rates tendered by the *Contractor* in the *price list* are inclusive of everything necessary and incidental to Providing the Service in accordance with the Service Information, as it was at the time of tender, as well as correct any Defects not caused by an *Employer's* risk.

5 The Contractor does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event. It should be noted that the list of compensation events includes those arising as a result of an *Employer's* risk event listed in core clause 80.1.

Format of the *price list*

(From page 73 of the TSC3 Guidance Notes)

Entries in the first four columns in the *price list* in section C2.2 are made either by the *Employer* or the tendering contractor.

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

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

If the *Contractor* is to be paid a Price for an item proportional to the length of time for which a service is provided, a unit of time is stated in the Unit column and the expected length of time (as a quantity of the stated units of time) is stated in the Expected Quantity column.

C2.2 the *price list*

Item nr	Description	Unit	Estimated Quantities	Rate	Price
1.	Belt Splicing (Cold) 1200mm Width, 4 ply	EA	100		
2.	Belt Splicing (cold) 900mm width, 3ply	EA	100		
3.	Belt Splicing (Hot) 900mm width, 4ply	EA	50		
4.	Pulley Lagging (Ceramic) 950mm width	EA	15		
5.	Pulley Lagging 280mm OD X1300mm width	EA	20		
6.	Pulley Lagging 310mm-330mm OD X1300mm width	EA	20		
7.	Pulley Lagging 340mm -370mm OD X1300mm width	EA	20		
8.	Pulley Lagging 380mm-420mm OD X 1300mm width	EA	20		
9.	Pulley Lagging 430mm-460mm OD X 1300mm width	EA	20		
10.	Pulley Lagging 470mm-520mm ODX 1300mm width	EA	20		
11.	Pulley Lagging 530mm-560mm OD X 1300mm width	EA	20		
12.	Bunkers Tail pulley 960mm X 400mm	EA	25		
13.	Bunkers Drive pulley 960mm X 600mm	EA	15		
14.	Bunkers Head pulley 960mm X 500mm	EA	15		
15.	Bunkers bend pulley 960mm X 350mm	EA	15		
16.	Bunkers Take up pulley 960mm X 400mm	EA	15		
17.	Tripper car pulley 960mm X 1000mm	EA	15		
18.	Belt splicing (Cold) 900mm width, 3ply class 630	EA	16		
19.	Belt splicing (Hot) 900mm width, 4 ply Class 630	EA	15		
20.	Pulley lagging 280mm - 300mm OD X 1300mm Width	EA	15		
21.	Pulley Lagging 310mm - 330mm OD X 1300mm Width	EA	15		
22.	Pulley Lagging 340mm - 370mm OD X 1300mm Width	EA	15		
23.	Pulley Lagging 380mm - 420mm OD X 1300mm Width	EA	15		

The total of the Prices

Item nr	Description	Unit	Expected Quantity	Rate	Price
	Pulley Lagging 430mm - 460mm OD X 1300mm Width	EA	15		
	Lagging 470mm - 520mm OD X 1300mm Width Pulley	EA	15		
	Pulley Lagging 530mm - 560mm OD X 1300mm Width	EA	15		
	Pulley Lagging 570mm - 600mm OD X 1300mm Width	EA	15		
	Pulley Lagging 610mm - 660mm OD X 1300mm Width	EA	15		
	Pulley Lagging 610mm - 660mm OD X 1300mm Width	EA	15		
	Pulley Lagging 670mm - 720mm OD X 1300mm Width	EA	10		
	Pulley Lagging 730mm - 820mm OD X 1300mm Width	EA	10		
	Pulley Lagging 830mm - 950mm OD X 1300mm Width	EA	10		
	Pulley Lagging 960mm -1020mm OD X 1300mm Width	EA	10		
	Pulley Lagging 280mm - 300mm OD X 950mm Width	EA	20		
	Pulley Lagging 310mm - 330mm OD X 950mm Width	EA	20		
	Pulley Lagging 340mm - 370mm OD X 950mm Width	EA	10		
	Pulley Lagging 380mm - 420mm OD X 950mm Width	EA	15		
	Pulley Lagging 430mm - 460mm OD X 950mm Width	EA	15		
	Pulley Lagging 470mm - 520mm OD X 950mm Width	EA	20		
	Pulley Lagging 530mm - 560mm OD X 950mm Width	EA	15		
	Pulley Lagging 570mm - 600mm OD X 950mm Width	EA	20		
	Pulley Lagging 610mm - 660mm OD X 950mm width	EA	10		
	Pulley Lagging 670mm - 720mm OD X 950mm width	EA	15		
	Pulley Lagging 730mm - 820mm OD X 950mm	EA	15		

	Width				
	Pulley Lagging 830mm - 950mm OD X 950mm Width	EA	10		
	Pulley Lagging 960mm -1020mm OD X 950mm Width	EA	10		
	Belt Splicing (Cold) 1200mm Width, 4 ply Class 630	EA	30		
	Belt Splicing (Cold) 1200mm Width, 4 ply Class 630	EA	20		

The total of the Prices

PART 3: SCOPE OF WORK

C3: Scope of Work

C3.1 Service Information

The contractor does the coal conveyor belt splicing and pulley lagging on the ex mine belts and Eskom belts, i.e. from conveyor 0, A&B to conveyor 18. This includes the incline as well as bunker conveyor belts. The material to be used for the drive pulleys is a combination of rubber and ceramic lagging. The ceramic lagging is to be used on the incline drive pulleys whereas rubber with diamond shape is used for all other pulleys. The splicing is to be both hot and cold splice. It is the responsibility of the contractor to review Quality Requirement documentation and to provide such documentation at arrival on site. This will be on an "as and when required basis" for the duration of the contracted period.

C3.2. Description of the works

Pulley lagging

- The lagging complies with SANS 1669-2:2016 Conveyor pulley lagging.
- The lagging shall be concentrically applied and the eccentricity of the lagging not to exceed 2mm thickness.
- Rubber used shall be water and abrasion resistant according to SANS 1198: 2013.
- All the drive pulleys for the inclines shall be lagged with ceramic embedded in rubber. The tiles are arranged such that they allow drainage channel with a minimum width of 10mm for every 40mm along the width of the pulley. Lagging to continue and end 10mm from either edges of the pulley.
- The surface of the pulley shell to be cleaned to Sa 2,5 according to ISO 8501-1.
- When tested in accordance to ISO 813, the bond strength between the lagging material and the material shall not be less than 12 N/mm.
- Material certificates to be provided by the contractor at all times. The contractor must submit a Quality Inspection Plan (QIP) for the proposed work.

Belt Splicing

- The splicing to comply with SANS 484-2: 2009.
- The splice, including the edges shall be rectangular in cross-section and free from any defects that might impair its long term serviceability.
- All materials shall be within its shelf life as specified by the manufacturer.
- Adhesion test to be performed by the contractor to check the compatibility of splicing material with the parent belt as per SANS 1173. The test certificate to be provided to the employer.
- Any evidence of moisture or carcass damage to be escalated to the employer prior splicing.
- The splicing solution to be free from contamination and show no sign of solidification.
- The condition of splicing tools to be inspected by Eskom's quality controller prior splicing can take place. Service history/certificates to be produced whenever required.
- The splicing shall not take place in case the conditions as mentioned under section 4.7 of SANS 484-2: 2009 are not met. The employer to give a waiver should there be a need to continue.
- No splicing shall take place with a difference of two or more plies between the two adjoining belts.
- Material safety data sheets to accompany all material and chemicals brought to site.
- Rejection criteria as stipulated in section 7 of SANS 484-2:2009 to be followed at all times.
- The quality control documentation to be provided after every splicing.
- The belt shall be permanently marked with a date and the name of the company, 250mm away from the splice and 100mm away from the belt edge.

- A contractor to provide a job card pack prior to starting the work comprising of quality control of raw material, material safety data sheet, signed risk assessment, calibration document, signed QIP and quality assurance document.

Installation of Clip joints

- Installation of clip joints is performed on both horizontal and inclines belts. This will include the pulling of the belt, installation of belt clamps when required. Materials for clip joints are to be supplied by the employer.
- The installation starts by clamping the belt, pulling in the belt, aligning the belt and by means of the clip joint device, join the belt ends.
- On completion, the belt has to be test run in the presence of the Employer's Representative to ensure that the coaling can continue and the QCP to be signed off by both contractor and Employer's quality controller.

C3.3 Reports

The contractor to provide a failure mechanism report when requested.

C3.4 Spares

It is the contractor's responsibility to ensure that all resources needed to perform splicing are always available such that he/she can report to site whenever called out to perform both lagging and splicing.

Interpretation and terminology

The following abbreviations are used in this Service Information:

Abbreviation	Meaning given to the abbreviation
OBL	Outside battery limits
SANS	South African National Standards
ISO	International Organization for Standardization
N/mm	Newton per millimetre

Management strategy and start up.

The *Contractor's* plan for the *service*

In the TSC3 the *Contractor's* plan is his "design" for performing the *service* throughout the *service period*. Section 2 of the *conditions of contract* describes what the *Contractor* is to show in his plan both in the core clauses and some additional requirements in each of the main Options.

The extent of the *Contractor's* plan will depend on whether the *Contractor* is required to develop a plan in accordance with the *Employer's* broad outline of the *service* or whether the *Employer* has provided a plan for the *Contractor* to follow. Read the TSC3 Guidance Notes pages 21 and 22 for more information on the *Contractor's* plan.

Use this section to describe any particulars which must be taken into account by the *Contractor* in developing his plan as required by clause 21.2. For example information about the order and timing or method of carrying out particular items of work.

List technical reporting and scheduling requirements which are to be incorporated into the *Contractor's* plan.

Management meetings

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

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Quarterly	Hendrina Power Station	<i>Employer, Contractor</i>
Overall contract progress and feedback	Quarterly	Hendrina Power Station	<i>Employer, Contractor</i>

Meetings of a specialist nature may be convened as specified elsewhere in this Service Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the *service*. Records of these meetings shall be submitted to the *Service 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.

Contractor's management, supervision and key people

Contractor must submit organogram to Project Manger

Documentation control

All documents received should be filed in the project file and stored in safe location

Invoicing and payment

The Z clauses make reference to invoicing procedures stated here in this Service Information. Also include a list of information which is to be shown on an invoice.

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

The *Contractor* shall address the tax invoice to

_____ and include on each invoice the following information:

Name and address of the *Contractor* and the *Service Manager*;

The contract number and title;

Contractor's VAT registration number;

The *Employer's* VAT registration number 4740101508;

Description of service provided for each item invoiced based on the Price List;

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

(add other as required)

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

Contract change management

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

Records of Defined Cost to be kept by the *Contractor*

If Option C or E applies first read clause 52.2 and then state whether the *Contractor* is required to keep any other records. Include any other constraint which may be required in regard to format and filing of the records, and whether access for the *Service Manager* shall be provided in hard copy or electronically.

Could delete if Option A applies unless the *Employer* requires some form of control over the *Contractor's* record keeping for the purpose of compensation event management.

Insurance provided by the *Employer*

First read TSC3 Core Clause 86.1 and then add anything necessary for the management of insurance related issues such as a cross reference to where procedures for making claims can be found. Also provide contact details for persons capable of being able to answer any insurance related queries the *Contractor* may have, as well as to whom the information required by Marine Insurance (if any) may be addressed.

Training workshops and technology transfer

Describe type and frequency of any on job training workshops, as well as any obligation for technology transfer being included as part of the *service* or at the end of the *service period*.

Design and supply of Equipment

On some complex services (e. g. nuclear) it could be in the Parties best interests that some details of the design of Equipment are shared with the *Service Manager*, not necessarily for his acceptance but as an assurance that the Equipment will be able to allow the *Contractor* to Provide the Service efficiently and without delay. For example specialised handling Equipment for a particular maintenance operation. Clause 23.1 is always available to the *Service Manager* if this paragraph is not used.

Also the *Employer* may wish to exercise constraints or include witness and hold points during manufacture, assembly or delivery of such Equipment. Include these constraints here.

Draft in such a way that there is no doubt that the liability for such design supply and use of the Equipment remains with the *Contractor*.

Things provided at the end of the *service period* for the *Employer's* use

Equipment

The *Employer* may wish to use some of the Equipment used by the *Contractor* after the end of the *service period*. Clause 70.2 requires that details of such requirement be stated in the Service Information. Complete here or if not applicable retain the heading and state 'None'.

Information and other things

Clause 70.2 requires that information and other things which the *Contractor* is to provide at the end of the *service period* be stated in the Service Information.

Management of work done by Task Order

Only use this heading if Option X19 applies to this contract.

In some cases all work may be done in terms of Task Orders in which case it may be logical to move this section closer to the start of this part 2 of the Service Information. In some cases only parts of the *service* may require to be handled by Task Order, for example a major repair which has become necessary during a continuous maintenance service contract.

Please read Option X19 before drafting requirements here as much of the procedure for the administration of Task Orders is already provided in X19, for example X19.2 specifies what a task Order should include

A Task Order format could be provided in an Annexure to this Service Information.

Many considerations can apply to Task Orders, such as availability of resources, arrangements for emergency work, Task Order reporting (work carried out and service results), assessment of additional Prices for *service* not included in the Price List etc.

Clause X19.6 requires information which should be included on a Task Order programme. Further requirements for Task Orders include things to be provided by the *Employer* under a Task Order and the conditions under which the *Employer* or Others are to work.

Health and safety, the environment and quality assurance

Health and safety risk management

The *Contractor* shall comply with the health and safety requirements.

Environmental constraints and management

The *Contractor* shall comply with the environmental requirements.

Quality assurance requirements

The *Contractor* shall comply with the Quality requirements.

Procurement

There is a cross reference from the core clause 11.2(6) definition of Disallowed Cost to the Service Information regarding procurement procedures. This part of the Service Information MUST include any such procedures to be able to administer Disallowed Cost.

People

Minimum requirements of people employed

Specify any constraints relating to people employed to Provide the Service; for example permits for foreigners, training (other than H & S), use of labour from designated areas and industrial relations.

Supplier Development and Localization

Specify constraints which *Contractor* must comply with after contract award in regard to any Broad Based Black Economic Empowerment (B-BBEE) or preferencing scheme measures.

Plant and Materials

Specifications

Plant and Materials are defined as items intended to be included in the Affected Property. This will refer to replacement of worn or defective parts, routine replacement as part of regular preventative maintenance and supply of spare parts. Quality is usually designed in or specified in the technical specifications. However to cover circumstances where quality may not be prescribed, this sub-paragraph could also be used to state an overarching default requirement – fitness for purpose etc.

Either specify here or provide a list of the applicable specifications and attach them as Annexure or state where they can be obtained from.

Correction of defects

State any constraints when dealing with defective Plant and Materials such as how repairs are carried out - can the item be fixed up or must it be replaced by a new one.

Contractor's procurement of Plant and Materials

Specify any constraints on how the *Contractor* is to order, codify, expedite, freight, import, transport to the Affected Property and any other requirements for delivery and storage before installation. The *Employer* may require warranties from suppliers to be in favour of the *Employer* and not just to the *Contractor*. The *Employer* may also need schedules of vendor data for his own use after the end of the *service period*.

Tests and inspections before delivery

Core Clause 41.1 makes reference to the Service Information stating which Plant and Materials are to be inspected and tested before delivery. Specify any requirements particularly if such tests and inspections are to be carried out by agents of the *Employer* overseas.

Plant & Materials provided “free issue” by the *Employer*

List any Plant and Materials which are to be provided by the *Employer*.

State arrangements for collection by *Contractor* or delivery by others on behalf of the *Employer*, off loading, inspection, storage, care custody and control, return of unused Plant and Materials, etc. Always include a statement to the effect that ‘all other Plant and Materials are to be provided by the *Contractor*’.

Working on the Affected Property

This part of the Service Information addresses constraints, facilities, services and rules applicable to the *Contractor* whilst he is doing work on the Affected Property.

Employer's site entry and security control, permits, and site regulations

Security Arrangement

- a) The *Contractor* applies for permits at the Security gate, prior to the starting date.
- b) All *Contractors* personnel will be issued with a temporary access permit, which will contain the following information:
 - o Name
 - o ID Number
 - o Company
 - o Validity date
- c) In order to assist Protective Services with the using of permits and the identification of the personnel on site, the *Contractor* is to supply a list of all personnel that he intends using on site, at least 24-hours prior to entry of the Security Area. The list, identified with the *Contractor's* name, is to contain the following information:
 - o Employee name.
 - o Employee ID number
 - o *Employer's Representative* signature
 - o Copy of the first page of the ID book of every employee of the *Contractor*
- d) The *Contractor* personnel will be required to be in possession of their *Contractor's* permit at all times. All *Contractors'* permits must be submitted to Protective Service when the relevant personnel leave the site after completion of the *works*.

The *Contractor/s* visitors and all personnel conform at all times, to the security arrangements in force at the time.
- e) No unauthorized vehicles are allowed on site. Only *Contractor's* vehicles with displayed contract vehicle permit disks will be allowed on site. Contract vehicle Permit Applications should be directed to the *Employer's Representative*.

- f) The *Contractor* is restricted to the working areas associated with his place of work. The *Contractor* is forbidden to enter any other areas, and must ensure that his employees abide by these regulations.
- g) Lost or damaged permits may be re-issued at a cost to be paid to the *Employer* by the *Contractor*
- h) The wearing of falling device's (Harness etc.) on *Employer's* site is compulsory,
- i) Road sign's and the speed limit on site are adhered to. Vehicles may only be parked in designated areas.
- j) Personnel and vehicles entering and leaving the Site are subject to routing searches.
- k) The *Contractor* makes his own assessment of, and allows in his rates for those access problems that may be encountered.
- l) Cameras including cell phones with camera facilities must be declared and handed in at the Security reception.
- m) No fire arms, Ammunition or explosives are allowed on the Power Station premises.
- n) Reporting for duty under the influence of liquor or intoxicating substances is prohibited.
- o) No recruiting of casual Labor may be done on the Power Station premises, including the immediate area outside the Power station security gate.
- p) Control, lighting and watchman to the *works* where required.

People restrictions, hours of work, conduct and records

Restrictions and hours of work may apply on some sites. It is very important that the *Contractor* keeps records of his people working on the Affected Property, including those of his Subcontractors. State that the *Service Manager* shall have access to them at any time. These records may be needed when assessing compensation events.

Health and safety facilities on the Affected Property

Section 3 deals with contractual H & S requirements in addition to those of the OHSA Act. This section allows the *Employer* to state what measures are to be taken on the Affected Property by describing where First Aid facilities provided by the *Employer* are located and any other emergency arrangements. Do not use if already addressed in 2.3.

Environmental controls, fauna & flora

The Contractor shall comply with the environmental criteria and constraints. Ensure compliance to environmental requirements as per Eskom Holdings SOC Limited and Statutory requirements: Atmospheric Pollution Prevention Registration certificate Number: 784 issued by the Department of Environmental Affairs and Tourism and National Environmental Management: Air Quality Act, 2004 (ACT NO. 39 OF 2004)

Cooperating with and obtaining acceptance of Others

This sub-paragraph could be used to deal with two issues.

- 1) The cross reference from core clause 25.1 about cooperation generally as well as details about Others with whom the *Contractor* may be required to share the Affected Property. See clause 11.2(9) for the definition of Others.
- 2) Requirements for liaison with and acceptance from statutory authorities or inspection agencies.

Records of *Contractor's* Equipment

This sub-paragraph is intended to address how records are to be kept of Equipment on Site including whether it is owned or hired. Include any constraints about scaffolding, rigs, heavy lifts and cranes, including removal from the Affected Property.

Equipment provided by the *Employer*

Provide details of equipment (e.g. overhead cranes) made available for use by the employer and set out conditions relating thereto.

Site services and facilities

Provided by the *Employer*

The *Employer* provides electrical power from an existing distribution point to the *Contractor* for the purpose of construction. The *Contractor* is responsible for all connections and cable from the supply point. 220V supply is available, however continuous supply is not guaranteed.

The *Employer* supplies, free of charge, reasonable quantities of potable water required for the purposes of this contract from the nearest operational taps. The *Contractor* provides, at his own cost, all connection fittings, pipe work, temporary plumbing, and pumps necessary to lead the water from the *Employer's* points of supply to the various points where it is required. The *Contractor* further maintains and removes these on completion of the contract.

A Medical Station, Fire Protection and Rescue Service are available on site during normal working hours at a cost to be agreed to with the various services and through consultation with the *Employer's Representative*.

The *Employer's Representative* / Supervisor ensure that the necessary isolation permits are obtained and arranges access to the plant.

The *Employer's Representative* will provide a site for the *Contractor's* yard at a location that is indicated to the *Contractor*. The *Contractor* provides all the facilities required by him for such a site at his cost. The *Contractor* maintains the site to meet the requirements of the health and safety requirements as per the requirements of the *Employer*. On completion of the project the *Contractor* restores the site to its original state.

The *Contractor* must ensure that all his personnel attend a Health and Safety Induction Course presented by the Power station free of charge prior to commencement with the Works. This is a three (3) hour course and is valid for the duration of one (1) year at the Power Station.

Provided by the *Contractor*

The following is included in the works:

- All transport and handling (including the necessary packaging for damage and corrosion prevention) of equipment required to complete the contract works.
- All labour needed to offload at Site and install all items required to complete the contract works.
- All health and safety equipment required to complete the contract works.
- Accommodation if required during the contract works period.
- All tools required to complete the contract works.

- All workshop machinery required to complete the contract works.
- All consumables required to complete the contract works.
- Attendance at meetings as considered necessary by the *Employer*.
- All scaffolding, formwork and access equipment required to complete the contract works.
- At least one person in the *Contractor's* service shall be competent to inspect Scaffolding for scaffolding needed by the *Contractor* himself. Certificates must be handed in at Projects Management after the Contract has been awarded.
- Removal of redundant material to allocated sites.
- COC certificates for electrical installations.
- Earthing test certificates issued by a recognised *Contractor* or master electrician. The reading for such test is no more than 10mΩ measured between an existing electrical main installation and the new plant
- Access to Site. The Site is situated within the security area of the Power station with sole controlled access through the main gate. The *Contractor* makes his own assessment of, and allows in his Price for, those access problems, which may be encountered. No claim on account of difficult access to the works is entertained during the contract period.

The *Contractor* shall provide everything else necessary for Providing the Works

Control of noise, dust, water and waste

All waste introduced to and/or produced on the Power Station's premises by the *Contractor* for his contract, must be handled in accordance with the minimum requirements for the Handling and Disposal of Hazardous Waste in terms of Government Legislation as proclaimed by the Department of Water Affairs and Forestry Act. 1994 Ref: ISBN0621-16295-5.

NOTE: There is no dumping or disposal site at Hendrina Power Station. The nearest registered dumping site is approximately 55 Km from the Station.

Hook ups to existing works

State any constraints

Tests and inspections

Description of tests and inspections

Describe the tests and inspections to be carried out by the *Contractor* and the *Service Manager* and others [40.1].

Materials facilities and samples for tests and inspections

State what materials facilities and samples for tests and inspections the *Contractor* and the *Employer* are to provide, per core clause 40.2.

List of drawings

Drawings issued by the *Employer*

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

Drawing number	Revision	Title