

# NEC3 Supply Contract (SC3)

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

and [Insert at award stage] (Reg No. \_\_\_\_\_)

**for** Supply and Installation of Workshop Tools, Equipment and Machines at Kusile power station

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CONTRACT No. [Insert at award stage]

# PART C1: AGREEMENTS & CONTRACT DATA

Contents:		No of pages
C1.1	Form of Offer and Acceptance	[•]
	[to be inserted from Returnable Documents at award stage]	
C1.2a	Contract Data provided by the <i>Purchaser</i>	[•]
C1.2b	Contract Data provided by the Supplier	[•]
	[to be inserted from Returnable Documents at award stage]	
C1.3	Proforma Guarantees	[•]

# C1.1 Form of Offer & Acceptance

#### Offer

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

# Supply and Installation of Workshop Tools, Equipment and Machines at Kusile Power Station

The tenderer, identified in the Offer signature block, has

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

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

The offered total of the Prices exclusive of VAT is	R
Value Added Tax @ 15% is	R
The offered total of the amount due inclusive of VAT is <sup>1</sup>	R
(in words)	

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

Signature(s)		
Name(s)		
Capacity		
For the tenderer:		
	(Insert name and address of organisation)	
Name & signature of witness		Date

PART C1: AGREEMENT & CONTRACT DATA

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

#### Acceptance

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

The terms of the contract, are contained in:

Part C1 Agreements and Contract Data, (which includes this Form of Offer and Acceptance)

Part C2 Pricing Data

Part C3 Scope of Work: Goods Information including Supply Requirements

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

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

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

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

Signature(s)	
Name(s)	
Capacity	
for the Purchaser	Eskom Holdings SOC Ltd, Megawatt Park, Maxwell Drive, Sandton, Johannesburg, 2199
	(Insert name and address of organisation)
Name & signature of witness	Date

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

CONTRACT NUMBER	
CONTRACT NUMBER	

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

- 1. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
- 2. The extent of deviations from the tender documents issued by the Purchaser prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
- 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
Signature		
Name		
Capacity		
On behalf of	(Insert name and address of organisation)	Eskom Holdings SOC Ltd, Megawatt Park, Maxwell Drive, Sandton, Johannesburg, 2199
Name & signature of witness		
Date		

# C1.2 SC3 Contract Data

### Part one - Data provided by the Purchaser

[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. Some SC3 options are always selected by Eskom Holdings SOC Ltd. The remaining SC3 options are identified by shading in the left hand column. In the event that 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 conditions of contract are the core clauses and the clauses for Options		
		X2	Changes in the law
		X7:	Delay damages
		Z:	Additional conditions of contract
	of the NEC3 Supply Contract (April 2013) <sup>1</sup>		ecember 2009 edition is to be used delete April 2013 lace by December 2013)
10.1	The <i>Purchaser</i> is (name):	2002/0 incorp	n Holdings SOC Ltd (reg no: 015527/30), a state owned company porated in terms of the company laws of epublic of South Africa
	Address		tered office at Megawatt Park, Maxwell Sandton, Johannesburg
	Tel No.	011 80	00 8111
	Fax No.	N/A	
10.1	The Supply Manager is (name):	Fani N	lahlangu
	Address	Road	e Power Station R545 Kendal/Balmoral Haartbeesfontein Farm nk 1034
	Tel	060 78	31 3054
	Fax	N/A	

<sup>&</sup>lt;sup>1</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, www.ecs.co.za.

	e-mail	[●MahlanFn@eskom.co.za]
11.2(13)	The goods are	Workshop Tools, Equipment and Machines
11.2(13)	The services are	Supply and Installation of Workshop Tools, Equipment and Machines
11.2(14)	The following matters will be included in the Risk Register	[•]
11.2(15)	The Goods Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.
11.2(15)	The Supply Requirements as part of the Goods Information is in	Annexure A to this Contract Data
12.2	The law of the contract is the law of	the Republic of South Africa
13.1	The language of this contract is	English
13.3	The period for reply is	[2 (two) working days] weeks
2	The Supplier's main responsibilities	Data required by this section of the core clauses is provided by the Supplier in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.
3	Time	
30.1	The starting date is.	01 April 2026
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	goods and services  1. As stated on the Purchase Order  As stated on the Purchase Order
30.2	The Supplier does not bring the goods to the Delivery Place more than one week before the Delivery Date.	
31.1	The Supplier is to submit a first programme for acceptance within	2 weeks of the Contract Date.
32.2	The Supplier submits revised programmes at intervals no longer than	1 week.
4	Testing and defects	
42	The defects date is	52 weeks after Delivery.
43.2	The defect correction period is	1 weeks
42.2	The defects access period is	[2] days

5	Payment	
50.1	The assessment interval is	between the 25 <sup>th</sup> day of each successive month.
51.1	The currency of this contract is the	South African Rand
51.2	The period within which payments are made is	[4] weeks.
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 365 day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and
		(ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption "Money Rates" in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted <i>mutatis mutandis</i> every 6 months thereafter and as certified, in the event of any dispute, by any manager employed in the foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.
6	Compensation events	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
7	Title	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional <i>Purchaser's</i> risks	None
88.1	The Supplier's liability to the Purchaser for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	R0.0 (zero Rand)

88.2	For any one event, the <i>Supplier's</i> liability to the <i>Purchaser</i> for loss of or damage to the <i>Purchaser's</i> property is limited to	(1) for the <i>Purchaser's</i> existing and surrounding property in the care, custody and control of the <i>Supplier</i> the amount of the deductible (first amount payable) relevant to the event and
		(2) for all other existing <i>Purchaser's</i> property the applicable deductible as at contract date
88.3	The Supplier's liability for Defects due to his design which are not notified before the last defects date is limited to:	Total of the prices
88.4	The Supplier's total liability to the Purchaser, for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	Total of the prices
88.5	The <i>end of liability date</i> is	[5] years after Delivery of the whole of the goods and services.
9	Termination and dispute resolution	
94.1	The <i>Adjudicator</i> is	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see <a href="https://www.ice-sa.org.za">www.ice-sa.org.za</a> ). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).
	Address	[•]
	Tel No.	[•]
	Fax No.	[•]
	e-mail	[•]
94.2(3)	The Adjudicator nominating body is:	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See <a href="www.ice-sa.org.za">www.ice-sa.org.za</a> )
94.4(2)	The tribunal is:	arbitration
94.4(5)	The arbitration procedure is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
94.4(5)	The place where arbitration is to be held is	South Africa
	The person or organisation who will choose an arbitrator - if the Parties cannot agree a choice or	the Chairman for the time being or his nominee

	- if the arbitration procedure does not state who selects an arbitrator, is	of the Association o Africa) or its succes	f Arbitrators (Southern sor body.
10	Data for Option clauses		
X2	Changes in the law		
X2.1	A change in the law of	South Africa is a cor occurs after the Con	mpensation event if it tract Date
X7	Delay damages		
X7.1	Delay damages for Delivery are	Delivery of	amount per day
		All goods	0.1 percent per day maximum 10% per item
Z	The additional conditions of contract are	Z1 to Z15 always app	oly for Eskom

#### Z1 Cession delegation and assignment

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

#### Z2 Joint ventures

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

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

- Z3.1 Where a change in the *Supplier's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Supplier's* B-BBEE status, the *Supplier* notifies the *Purchaser* within seven days of the change.
- Z3.2 The Supplier is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the Supply Manager within thirty

days of the notification or as otherwise instructed by the Supply Manager.

- Z3.3 Where, as a result, the *Supplier's* B-BBEE status has decreased since the Contract Date the *Purchaser* may either re-negotiate this contract or alternatively, terminate the *Supplier's* obligation to Provide the Goods and Services.
- Z3.4 Failure by the *Supplier* to notify the *Purchaser* of a change in its B-BBEE status may constitute a reason for termination. If the *Purchaser* terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

#### Z4 Confidentiality

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

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

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

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

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

#### Without limitation the Supplier:

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

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

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

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

#### Z8 Notifying compensation events

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

#### Z9 Purchaser's limitation of liability

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

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

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

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

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

#### Z12 Ethics

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

Affected Party means, as the context requires, any party, irrespective of whether it is the Supplier or

a third party, such party's employees, agents, or Subcontractors or Subcontractor's

employees, or any one or more of all of these parties' relatives or friends,

Coercive Action

means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an

Affected Party to act unlawfully or illegally,

Collusive Action

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

Committing Party

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

employees,

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

service to unlawfully or illegally influence the actions of an Affected Party,

Fraudulent Action

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

an obligation or incurring an obligation,

Obstructive Action

means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an

investigation into allegations of Prohibited Action, and

Prohibited Action

means any one or more of a Coercive Action, Collusive Action Corrupt Action,

Fraudulent Action or Obstructive Action.

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

#### Z13Insurance

#### Z \_\_13.1 Replace core clause 84 with the following:

#### Insurance cover 84

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

#### **INSURANCE TABLE A**

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

#### Z 13.2 Replace core clause 87 with the following:

# Insurance by the *Purchaser*

87

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

#### **INSURANCE TABLE B**

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

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

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

#### Z15 **Asbestos**

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

**AAIA** means approved asbestos inspection authority.

ACM means asbestos containing materials.

means action level, i.e. a level of 50% of the OEL, i.e. 0.1 regulated asbestos AL

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** means measurements performed in parallel, yet separately, to existing Measurements

measurements to verify validity of results.

Safe Levels means airborne asbestos exposure levels conforming to the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.

**Standard** means the *Purchaser*'s Asbestos Standard 32-303: Requirements for Safe

Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos

Containing Material, Equipment and Articles.

**SANAS** means the South African National Accreditation System.

**TWA** means the average exposure, within a given workplace, to airborne asbestos

fibres, normalised to the baseline of a 4 hour continuous period, also applicable to

short term exposures, i.e. 10-minute TWA.

- Z15.1 The Purchaser ensures that the Ambient Air in the area where the Supplier will Provide the Services conforms to the acceptable prescribed South African standard for asbestos, as per the regulations published in GNR 155 of 10 February 2002, under the Occupational Health and Safety Act, 1993 (Act 85 of 1993) ("Asbestos Regulations"). The OEL for asbestos is 0.2 regulated asbestos fibres per millilitre of air as a 4-hour TWA, averaged over any continuous period of four hours, and the short term exposure limit of 0.6 regulated asbestos fibres per millilitre of air as a 10-minute TWA, averaged over any 10 minutes, measured in accordance with HSG248 and monitored according to HSG173 and OESSM.
- Z15.2 Upon written request by the *Supplier*, the *Purchaser* certifies that these conditions prevail. All measurements and reporting are effected by an independent, competent, and certified occupational hygiene inspection body, i.e. a SANAS accredited and Department of Employment and Labour approved AAIA. The *Supplier* may perform Parallel Measurements and related control measures at the *Supplier*'s expense. For the purposes of compliance the results generated from Parallel Measurements are evaluated only against South African statutory limits as detailed in clause Z15.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.
- Z15.3 The *Purchaser* manages asbestos and ACM according to the Standard.
- Z15.4 In the event that any asbestos is identified while Providing the Services, a risk assessment is conducted and if so required, with reference to possible exposure to an airborne concentration of above the AL for asbestos, immediate control measures are implemented and relevant air monitoring conducted in order to declare the area safe.
- Z15.5 The Supplier's personnel are entitled to stop working and leave the contaminated area forthwith until such time that the area of concern is declared safe by either Compliance Monitoring or an AAIA approved control measure intervention, for example, per the emergency asbestos work plan, if applicable.
- Z15.6 The Supplier continues to Provide the Services, without additional control measures presented, on presentation of Safe Levels. The contractually agreed dates to Provide the Services, including the Completion Date, are adjusted accordingly. The contractually agreed dates are extended by the notification periods required by regulations 3 and 21 of the Asbestos Regulations.
- Z15.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Purchaser* at the *Purchaser*'s expense, and conducted in line with South African legislation.

#### Annexure A: Supply Requirements

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

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

The Supplier supplies the goods in accordance with INCOTERMS 2010<sup>2</sup> as follows:

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

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

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

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

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

Α	The Supplier's obligations	В	The Purchaser's obligations
<b>A</b> 1	Provision of goods in conformity with contract	B1	Payment of the price
A2	Licences, authorisations and formalities	B2	Licences, authorisations and formalities
А3	Contracts of carriage and insurance	В3	Contracts of carriage and insurance
<b>A4</b>	Delivery	B4	Taking delivery
<b>A5</b>	Transfer of risks	B5	Transfer of risks
<b>A6</b>	Division of costs	В6	Division of costs
<b>A7</b>	Notice to the buyer	B7	Notice to the seller
<b>A8</b>	Proof of delivery, transport document or equivalent electronic message	B8	Proof of delivery, transport document or equivalent electronic message
<b>A9</b>	Checking - packing - marking	В9	Inspection of goods
A10	Other obligations	B10	Other obligations

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

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

<sup>&</sup>lt;sup>2</sup> International Chamber of Commerce, Incoterms 2010, Paris, January 2011

# The Supply Requirements for this contract are as follows: [Use these when INCOTERMS do not apply].

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

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

# C1.2 Contract Data

### Part two - Data provided by the Supplier

[Instructions to the contract compiler: (delete this note before issue to tenderers with an enquiry) 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. In the event that the option is not required select and delete the whole row.]

#### Notes to a tendering supplier:

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

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

Clause	Statement	Da	ata	
10.1	The Supplier is (Name):			
	Address			
	Tel No.			
	Fax No.			
11.2(8)	The Goods Information for the <i>Supplier's</i> design is in:			
11.2(11)	The tendered total of the Prices is	R	, (in words)	
11.2(12)	The price schedule is in:			
11.2(14)	The following matters will be included in the Risk Register			
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are			
30.1	The delivery date of the goods and			
	services is:	_	oods and services	delivery date
		1	[•]	[•]
		2	[•]	[•]
		3	[•]	[•]
31.1	The programme identified in the Contract Data is contained in:			

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

<sup>&</sup>lt;sup>2</sup> Available from Engineering Contract Strategies Tel 011 803 3008, Fax 086 539 1902, or <a href="www.ecs.co.za">www.ecs.co.za</a>

63.2 The percentage for overheads and profit added to the Defined Cost is

%

# C1.3 Forms of Securities

#### **Pro formas for Bonds & Guarantees**

For use with the NEC3 Supply Contract (SC3)

#### [Note to contract compiler:

Once it has been decided which securities are required for this contract delete from this file the ones not required, revise the notes below accordingly and delete this note.]

The conditions of contract stated in the Contract Data Part 1 may include the following Options:

Option X4: Parent company guarantee

Option X13: Performance bond

Option X14 Advanced payment to the Supplier

These Options require a bond or guarantee "in the form set out in the Goods Information".

Pro forma documents for these bonds and guarantees are provided here for convenience but are to be treated as part of the Goods Information.

The organisation providing the bond / guarantee does so by copying the pro forma document onto it's letterhead without any change to the text or format and completing the required details. The completed document is then given to the *Purchaser* within the time stated in the contract.

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## **Pro forma Parent Company Guarantee (for use with Option X4)**

(to be reproduced exactly as shown below on the letterhead of the Supplier's Parent Company)

Eskom Holdings SO	C Ltd
Megawatt Park	
Maxwell Drive	
Sandton	
Johannesburg	

Date:

Dear Sirs,

### Parent Company Guarantee for Contract No

With reference to the above numbered contract made or to be made between

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

(the Purchaser) and

[Insert registered name and address of the Supplier]

(the Supplier), for

[Insert details of the goods and services from the Contract Data]

(the *goods* and

services).

	3
on behalf of the	Supplier's
parent company	(name)

of physical address

I/We the undersigned

and duly authorised thereto do hereby unconditionally guarantee to the *Purchaser* that the *Supplier* shall Provide the Goods and Services in accordance with the above numbered Contract.

- 1. If for any reason the *Supplier* fails to Provide the Goods and Services, we hereby agree to cause to Provide the Goods and Services at no additional cost to the *Purchaser*.
- 2. If we fail to comply with the terms of this Deed of Guarantee, the *Purchaser* may itself procure such performance (whether or not the Agreement be formally determined). The *Purchaser* is to notify us and we shall indemnify the *Purchaser* for any additional cost or expense it incurs.
- 3. Our liability shall be as primary obligor and not merely as surety and shall not be impaired or discharged by reason of any arrangement or change in relationship made between the *Supplier* and the *Purchaser* and/or between us and *Supplier*; nor any alteration in the obligations undertaken by the *Supplier* or in the terms of the Agreement; nor any indulgence, failure, delay by you as to any matter; nor any dissolution or liquidation or such other analogous event of the *Supplier*.
- 4. The *Purchaser* shall not be obliged before taking steps to enforce the terms of this Deed of Guarantee to obtain judgement against the *Supplier* in any court or other tribunal, to make or file any claim in liquidation (or analogous proceedings) or to seek any remedy or proceed first against the *Supplier*.
- 5. This Deed of Guarantee shall be governed by and construed in accordance with the laws of the Republic of South Africa and we hereby submit to the non-exclusive jurisdiction of the High Court of South Africa.

CONTRACT	NILIMED	
CONTRACT	NUMBER	

Signed at	on this	day of	20
Signature(s)			
Name(s) (printed)			
Position in parent company			
Signature of Witness(s)			
Name(s) (printed)			

CONTRACT NUMBER	
CONTINACT NUMBER	

# **Pro forma Performance Bond – Demand Guarantee (for use with Option X13)**

(to be reproduced exactly as shown below on the letterhead of the Bank providing the Bond / Guarantee)

Eskom Holdings SOC I	_td
Megawatt Park	
Maxwell Drive	
Sandton	
Johannesburg	

	_	
Rank	referen	ce No

Date:

Dear Sirs,

Performance Bond – Demand Guarantee for [insert name of *Supplier*] required in terms of contract [insert *Supplier*'s contract reference number or title]

1. In this Guarantee the following words and expressions shall have the following meanings:-

1.1	"Bank" means	[Insert name of Bank], [●] Branch, Registration No. [●]			
1.2	"Bank's Address" means	[Insert physical address of Bank]			
1.3	"Contract" means	the written agreement relating to providing the <i>goods</i> and <i>services</i> , entered into between the <i>Purchaser</i> and the <i>Supplier</i> , on or about the [•] day of [•] 200[•] (Contract Reference No. [•]) as amended, varied, restated, novated or substituted from time to time;			
1.4	" <i>Supplier</i> " means	[●] a company registered in accordance with the laws of [●] under Registration No [●].			
1.5	"Purchaser" means	Eskom Holdings SOC Ltd a company registered in accordance with the laws of the Republic of South Africa under Registration Number [•]			
1.6	"Expiry Date" means	<ul> <li>the date that the Bank receives a notice from the <i>Purchaser</i> stating that all amounts due from the <i>Supplier</i> as certified in terms of the contract have been received by the <i>Purchaser</i> and that the <i>Supplier</i> has fulfilled all his obligations under the Contract, or</li> <li>the date that the Bank issues a replacement Bond for such lesser or higher amount as may be required by the <i>Purchaser</i>.</li> </ul>			
1.7	"Guaranteed Sum" means	the sum of R[●], ([●] Rand)			
1.8	"goods and services" means	[insert details from Contract Data part 1]			
co pe un	onfirm that we hold the Guarant erformance by the <i>Supplier</i> of all adertake to pay to the <i>Purchase</i>	we the undersigned and, in our and of the Bank, and duly authorized thereto, eed Sum at the disposal of the <i>Purchaser</i> as security for the proper of its obligations in terms of and arising from the Contract and hereby er, on written demand from the <i>Purchaser</i> received prior to the Expiry ding in total the Guaranteed Sum.			

3. A demand for payment under this guarantee shall be made in writing at the Bank's address and shall:

CONTRACT NUMBER	
CONTRACTINUMBER	

- be signed on behalf of the *Purchaser* by a Group Executive, Divisional Executive, Senior General Manager, General Manager or its delegate;
- state the amount claimed ("the Demand Amount');
- state that the Demand Amount is payable to the *Purchaser* in the circumstances contemplated in the Contract.
- 4. Notwithstanding the reference herein to the Contract the liability of the Bank in terms hereof is as principal and not as surety and the Bank's obligation/s to make payment:
  - is and shall be absolute provided demand is made in terms of this bond in all circumstances; and
  - is not, and shall not be construed to be, accessory or collateral on any basis whatsoever.
- 5. The Bank's obligations in terms of this Guarantee:
  - shall be restricted to the payment of money only and shall be limited to the maximum of the Guaranteed Sum; and
  - shall not be discharged and compliance with any demand for payment received by the Bank in terms hereof shall not be delayed, by the fact that a dispute may exist between the *Purchaser* and the *Supplier*.
- 6. The *Purchaser* shall be entitled to arrange its affairs with the *Supplier* in any manner which it sees fit, without advising us and without affecting our liability under this Guarantee. This includes, without limitation, any extensions, indulgences, release or compromise granted to the *Supplier* or any variation under or to the Contract.
- 7. Should the *Purchaser* cede its rights against the *Supplier* to a third party where such cession is permitted under the Contract, then the *Purchaser* shall be entitled to cede to such third party the rights of the *Purchaser* under this Guarantee on written notification to the Bank of such cession.
- 8. This Guarantee:
  - shall expire on the Expiry Date until which time it is irrevocable;
  - is, save as provided for in 7 above, personal to the *Purchaser* and is neither negotiable nor transferable;
  - shall be returned to the Bank upon the earlier of payment of the full Guaranteed Sum or expiry hereof:
  - shall be regarded as a liquid document for the purpose of obtaining a court order; and
  - shall be governed by and construed in accordance with the law of the Republic of South Africa and shall be subject to the jurisdiction of the Courts of the Republic of South Africa.
  - will be invalid and unenforceable if any claim which arises or demand for payment is received after the Expiry Date.
- 9. The Bank chooses domicilium citandi et executandi for all purposes in connection with this Guarantee at the Bank's Address.

Signed at	on this	day of	20
For and on behalf of the Bank			
Bank Signatories(s)			
Name(s) (printed)			
Witness(s)			
Bank's seal or stamp			

## **Pro forma Advanced Payment Bond (for use with Option X14)**

(to be reproduced exactly as shown below on the letterhead of the Bank providing the Bond)

Eskom Holdings SOC Ltd Megawatt Park Maxwell Drive Sandton Johannesburg Bank ref no. [●]

Date: [●]

Dear Sirs,

### Advanced Payment Bond for Contract No. [•]

With reference to the above numbered contract made or to be made between

Eskom Holdings SOC Ltd
(the Purchaser) and

{Insert registered name and address of the Supplier}
(the Supplier), for

{Insert details of the goods and services from the Contract Data}
(the goods and services).

I/We the undersigned on behalf of the Surety of physical address

[•]

and duly authorised thereto do hereby bind ourselves as Surety and co-principal debtors in solidum for the due and proper repayment by the *Supplier* to the *Purchaser* of the advanced payment made by the *Purchaser* to the *Supplier* under the Contract, and for all losses and expenses that may be suffered or incurred by the *Purchaser* as a result of non-payment by the *Supplier*, subject to the following conditions

- 1. The terms *Purchaser*, *Supplier*, and the *goods and services* have the meaning as assigned to them by the *conditions of contract* listed in the Contract Data for the aforesaid Contract.
- 2. We renounce all benefits from the legal exceptions "Benefit of Excussion and Division", "No value received" "Revision of Accounts", "Cession of Action" and any other exceptions which might or could be pleaded against the validity of this bond, with the meaning and effect of which exceptions we declare ourselves to be fully acquainted.
- 3. The Purchaser has the absolute right to arrange his affairs with the Supplier in any manner which the Purchaser deems fit and without being advised thereof the Surety shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the Surety. Without derogating from the foregoing compromise, extension of the supply period, indulgence, release or variation of the Supplier's obligation shall not affect the validity of this Advance Payment bond.
- 4. This bond expires on the date when the Surety receives a notice from the *Supply Manager* stating that the advanced payment has been repaid to the *Purchaser* in terms of the Contract, or liquidated by deductions from other payments due to the *Supplier*.
- 5. The amount of the bond shall be payable to the *Purchaser* upon the *Purchaser's* demand and no later than 7 days following the submission to the Surety of a certificate signed by the *Supply Manager* stating

Name(s) (printed)

CONTRACT	VII IN ADED	
CONTRACT	NUMBER	

the amount of the *Purchaser's* losses, damages and expenses incurred as a result of the non-performance aforesaid. The signed certificate shall be deemed to be conclusive proof of the extent of the *Purchaser's* loss, damage and expense.

- 6. Our total liability hereunder shall not exceed the sum of ...... (R ......) which is equal to the advance payment.
- 7. This Advanced Payment Bond is neither negotiable nor transferable and is governed by the laws of the Republic of South Africa.

Signed at	on this	day of	200_
		i	
Signature(s)			
Name(s) (printed)			
Position in Surety company			
Signature of Witness(s)			

## **PART 2: PRICING DATA**

## **NEC3 Supply Contract**

Document reference	Supply and Installation of Workshop Tools, Equipment and Machines at Kusile Power Station	No of pages
C2.1	Pricing assumptions	2
C2.2	The price schedule	3-4

# C2.1 Pricing assumptions

#### 1. How goods and services are priced and assessed for payment

Clause 11 in NEC3 Supply Contract, (SC3) core clauses states:

# Identified and 11 defined terms 11.2

(11) The Prices are the amounts stated in the price column of the Price Schedule. Where a quantity is stated for an item in the Price Schedule, the Price is calculated by multiplying the quantity by the rate.

(12) The Price Schedule is the *price schedule* unless later changed in accordance with this contract.

# Assessing the amount due

The amount due is

- the Price for each lump sum item in the Price Schedule which the *Supplier* has completed,
- where a quantity is stated for an item in the Price Schedule, an amount calculated by multiplying the quantity which the Supplier has completed by the rate
- plus other amounts to be paid to the Supplier,
- less amounts to be paid by or retained from the Supplier.

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

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

#### 2. Function of the Price Schedule

50.2

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

#### 3. Preparing the price schedule

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

It will be assumed that the tendering supplier has

- Read Pages 8, 11, 12 and Appendix 5 of the SC3 Guidance Notes before preparing the price schedule;
- Included in his Prices and rates for correction of Defects (core clause 43.1) as there is no compensation event for this unless the Defect is due to a Supplier's risk;
- Spread the cost of doing work he chooses not to list as separate items in the price schedule

across other Prices and rates in order to fulfil the obligation to Provide the Goods and Services for the tendered total of the Prices;

- Understood that there is no adjustment to lump sum prices in the price schedule if the amount, or quantity, of work within that lump sum item later turns out to be different to that which the Supplier estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event per clause 60.1;
- Understood that the *Supplier* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event.

#### 3.1. Format of the price schedule

Entries in the first four columns in the *price schedule* in section C2.2 are made either by the *Purchaser* or the tendering supplier.

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

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

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

# C2.2 the price schedule

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>SUMMARY</u>				
ITEM 1	PRELIMINARIES AND GENERAL	SUM	1.00		
ITEM 2	MACHINING WORKSHOP	SUM	1.00		
ITEM 3	WELDING AND FABRICATION WORKSHOP	SUM	1.00		
	Final Summary Total Excl. VAT				

ITEM NO.	DESCRIPTION	UNIT	NO.	QUANTITY	TOTAL RATE	AMOUNT
1	ITEM 1 PRELIMINARIES AND GENERAL					
1.1	- Safety File	Once off	1	1		
1.2	PPE	Once off	1	25		
1.3	Entry Medicals	Once off	1	25		
1.4	Exit Medicals	Once off	1	25		
1.5	Police Clearance Certification	Once off	1	25		
					Total Exc. VAT	

Band saw hortzontal			ITEM 2 - MACHINING WORKSHOP			
Banch awth horizontal planes. Social Busides 28 3856mm x 25mm. Metal bandsaw optimum and the planes. Social Busides 28 3856mm x 25mm. Metal bandsaw optimum and the planes. Social Busides 28 3856mm x 25mm. Metal bandsaw optimum and the planes. Social Busides 25 3856mm x 25mm. Metal bandsaw optimum and the planes. Social Busides 25 385mm x 25mm. Metal bandsaw optimum and the planes. Social Busides 25 385mm x 25mm. Busid		ITEM	SPECIFICATION	QTY	RATE	AMOUNT
28 Bench with vice   Jaw width 150mm, Opening 175mm, 6" IN (150 MM) Cast fron Swivel Base   5	1	Band saw horizontal	Output 2Hp (1.5kW), Floor Space (mm) 1600 x 710 x1080, Electrics 380V, 3-	1		
Centre lathe (extra large)  Swing of the bed gap 870 mm, Useful length of the bed gap 320 mm, Distance between centres 6000mm, Height of centres over bed 359 mm, Spindle 29 mm, Distance between centres 3000mm, Height of centres over bed 359 mm, Spindle 420 mm  Working range, Swing over bed 710 mm,	2		Jaw width 150mm, Opening 175mm, 6" IN (150 MM) Cast Iron Swivel Base Bench Vice. 2,5 Mt by 12 Mt (L *B)	5		
Centre lathe (medium)  Centre lathe (medium)  Centre lathe (medium)  Centre lathe (small)  Centre lathe CNC  (large)  Working range, Swing over bed 800 mm, Swing over cross side (so mm. Spindle (so mm. Spindle for spindle state)  Working range, Swing over bed 800 mm, Swing over cross side (so mm. Spindle speed range, 22.1 – 2.180 min. 1.5 pindle front boat bed app 320 mm, Distance between centres 6000mm, Height of centres over bed 335 mm, Spindle, Spindle front boat bed app 320 mm, Distance between centres 6000mm, Height of centres over bed 335 mm, Spindle, Spindle front boat bed app 320 mm, Distance between centres 6000mm, Height of centres over bed 335 mm, Spindle, Spindle speed range, 22.1 – 1800 min. 1.5 pindle front boat bed app 320 mm Distance between centres 6000mm, Height of centres over bed 335 mm, Spindle speed range, 22.1 – 1800 min. 1.5 pindle front boat bed app 320 mm Distance between centres 6000mm, Height of centres over bed 335 mm, Spindle Speed range, 12.1 – 1800 min. 1.5 pindle front boat bed app 320 mm Distance between centres 5000, Height of centres over bed 335 mm, Spindle Speed range, 12.1 – 1800 min. 1.5 pindle front boat bed app 320 mm Distance between centres 5000, Height of centres over bed 335 mm, Spindle Speed range, 12.1 – 1800 min. 1.5 pindle front boat bed app 320 mm Distance with spindle front boat bed app 320 mm Distance between centres 5000, Height of centres over bed 335 mm, Spindle Speed range, 12.1 – 1800 min. 1.5 pindle front boat bed app 320 mm Distance between centres 5000, Height of centres over bed 335 mm, Spindle Spindle front boat bed app 320 mm Distance front boat bed 320 min. 1800 mi	3		Swing of the bed gap 870 mm, Useful length of the bed gap 320 mm, Distance between centres 6000mm, Height of centres over bed 395 mm, Spindle, Speed range 11,2 - 1800 min1,Spindle front. TOS SUI 80	1		
Centre lathe (small) Diameter in gap (max), 700nm, Length between centres (Max), 1500nm, 180 (args) Diameter of hole through spindle, 52mm, Spindle nose fitting, STN 180 702/III 186, Spindle speed range, 22.4 + 20 Working range, 5, wing over bed 500 mm, 18yindle of centres over bed 350 mm, Distance of the bed gap 230 mm of the power of the gap 230 mm of the power of the gap 230 mm of the gap 2	4	Centre lathe (medium)	Swing of the bed gap 960 mm Useful length of the bed gap 300 mm Distance between centres 3000, Height of centres over bed 355 mm, Spindle Speed range 10 - 1000 min1 Spindle front nose. CPI 229	2		
Centre lathe CNC (large)	5	Centre lathe (small)	Diameter in gap (max), 700mm, Length between centres (Max), 1500mm, Diameter of hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III - B6, Spindle speed range, 22.4 - 20	1		
Centre lathe CNC (medium)  Centre lathe CNC (medium)  Centre lathe 2 Axial (CNC (small)  Centre lathe 2 Axial (CNC (small)  Diameter over bed (Max), 200mm, Diameter over cross side (Max), 270mm, Diameter over bed (Max), 200mm, Diameter over cross side (Max), 1500mm, Diameter over cross side (Max), 1500mm, Diameter or bloe through spindle ospend fitting, STN ISO 702/III (CNE Max))  Diameter in gap (max), 700mm, Length between centres (Max), 1500mm, Diameter or hole through spindle ospend fitting, STN ISO 702/III (CNE Max))  Diameter or hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III (CNE Max))  Diameter or hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III (CNE Max)	6		Swing of the bed gap 870 mm, Useful length of the bed gap 320 mm, Distance between centres 6000mm, Height of centres over bed 395 mm, Spindle, Speed range 11,2 - 1800 min1,Spindle front, bed lenth 5m	1		
Centre lathe 2 Axial Cinc (small) Diameter in gap (max), 700mm, psindle nose fitting, STN ISO 702/III 1 Diameter of hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III 1 Diameter of hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III 1 Diameter of hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III 1 Diameter of hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III 1 Diameter of hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III 1 Diameter of hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III 1 Diameter in diameter of hole through spindle, Standard Time of the spindle of the	7		Swing of the bed gap 960 mm Useful length of the bed gap 300 mm Distance between centres 3000, Height of centres over bed 355 mm, Spindle Speed	1		
10   Gear cutting machine   380V   1   1   1   1   1   1   1   1   1	8		Diameter in gap (max), 700mm, Length between centres (Max), 1500mm, Diameter of hole through spindle, 52mm, Spindle nose fitting, STN ISO 702/III	1		
11   Grinder – Surface   500mm x 500mm Magnetic effective surface.   1   1   1   1   1   1   1   1   1	9	Drilling Machine		1		
H-frame press   55ton, with attachement, MICRO-TEC SHOP PRESS HYDRAULIC 50 TON   1   1   1   1   1   1   1   1   1	10	Gear cutting machine	380V	1		
Hydraulic press MICRO-TEC PRESS SHOP HYDRAULIC 25 TON 2 Press capacity 120 tons, Stroke 6", Vertical movement 44", Base 80" x 60", Table width 14". A large 120Ton hydraulic press with a gauge. Stroke / Travel 300 MM, Working Range 710 MM, Pump Type Hydraulic Bed Adjustments Height Adjustment Bed Width 370 MM 1  Keyway cutter 50mm Internal keyways 4 - 40mm 1 High precision polishing machine surface lapping machine double sided lapping machine Multi purpose, 50/25mm milling machine universal Milling machine Working Milling machine Working Milling Machine, Table 500mmx300mm working area universal Vertical Milling Machine, Table 500mmx300mm working area universal LARGE working surface (mm) 1250 x 280, -Slots, number and size 3 x 16mm, T-Slots centres (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290, Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei Working surface (mm) 1250 x 280, -Slots, number and size 3 x 16mm, T-Slots centres (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290, Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei Working surface (mm) 1250 x 280, -Slots, number and size 3 x 16mm, T-Slots centres (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290, Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei Morking surface (mm) 1250 x 280, -Slots, number and size 3 x 16mm, T-Slots centres (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290, Vertical range (mm) 475, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle toper 4 (morse taper), Distance from spindle to callem (mm) 300, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm) 1245 Table Rotation of table to head 36  Pedestal grinder — Grinding Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg	11	Grinder – Surface	500mm x 500mm Magnetic effective surface.	1		
Hydraulic Press 120 ton  Press capacity 120 tons, Stroke 6", Vertical movement 44", Base 80" x 60", Table width 14". A large 1201nn hydraulic press with a gauge. Stroke / Travel 300 MM, Working Range 710 MM, Pump Type Hydraulic Bed Adjustments Height Adjustment Bed Width 370 MM  Internal keyways 4 - 40mm  Internal ke	12	H-frame press	55ton, with attachement, MICRO-TEC SHOP PRESS HYDRAULIC 50 TON	1		
Hydraulic Press 120 ton Table width 14". A large 120Ton hydraulic press with a gauge. Stroke / Travel 300 MM, Working Range 710 MM, Pump Type Hydraulic Bed Adjustments Height Adjustment Bed Width 370 MM Internal keyways 4 - 40mm 1 lapping machines High precision polishing machine surface lapping machine double sided lapping machine Internal keyways 4 - 40mm 1 lapping machine Willing machine Willing machine Milling machine Milling machine Milling machine CNC XK300: Mini CNC Milling Machine, boring mill horizontal 1 limitersal Universal Vertical Milling Machine, Table 500mmx300mm working area 1 limitersal LARGE Working surface (mm) 1250 x 280, -\$lots, number and size 3 x 16mm, T-\$lots centres (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290. Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei Working surface (mm) 1250 x 280, -\$lots, number and size 3 x 16mm, T-\$lots centres (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290. Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei Working surface (mm) 1250 x 280, -\$lots, number and size 3 x 16mm, T-\$lots centres (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290. Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei 1 limiters (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290, Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei 1 limiters (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290, Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei 1 limiters (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290, Vertical range (mm) 475, Distance from centre of spindle to table min/max (mm) 70 - 885, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to table min/max (mm) 70 - 885, Distance	13	Hydraulic press	MICRO-TEC PRESS SHOP HYDRAULIC 25 TON	2		
Internal keyways 4 - 40mm	14		Table width 14". A large 120Ton hydraulic press with a gauge. Stroke / Travel 300 MM, Working Range 710 MM, Pump Type	1		
Image:	15	Keyway cutter 50mm	, ,	1		
Milling machine CNC  Milling machine universal  Vertical Milling Machine, Table 500mmx300mm working area  Working surface (mm) 1250 x 280, -Slots, number and size 3 x 16mm, T-Slots centres (mm) 63, Swivel movement +/- 45deg, Longitudinal range (mm) 850, Cross range (mm) 290, Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei  Milling machine universal large CNC  Milling machine.  Millin	16	lapping machines				
Milling machine universal   Vertical Milling Machine, Table 500mmx300mm working area   1	17	Milling machine	Multi purpose, 50/25mm milling machine	1		
universal Vertical Milling Machine, 1able Southinx Southinx Working area   1	18		XK300: Mini CNC Milling Machine, boring mill horizontal	1		
Milling machine universal LARGE  Milling machine universal large CNC  Milling machine.  Milli	19	3	Vertical Milling Machine, Table 500mmx300mm working area	1		
Milling machine universal large CNC Working surface (mm) 1250 x 280, -Slots, number and size 3 x 16mm, T-Slots centres (mm) 63 , Swivel movement +/- 45deg , Longitudinal range (mm) 850, Cross range (mm) 290 , Vertical range (mm) 475, Distance from centre of spindle to table (mm) 0 - 475, Wei  2 Milling machine. Swing up to 1500mm, effective height 1m, Vertical Boring Mill 1  2 Milling machine. Turning table up to 1200mm, horizontal boring mill 1  Capacity Drilling capacity in 35 mild steel (mm), Spindle taper 4 (morse taper), Distance from spindle to column (mm) 300, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm)1245 Table Rotation of table to head 36  2 Pedestal grinder 200 300W, two grinding discs, speed 2950rpm, disc size 150x20#36 and 150x40#80, 360mm wheel size 20 300W, two grinding discs, speed 2950rpm, disc size 150x20#36 and 2 380/3/50  Pedestal grinder - large Grinding/ Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply 380/3/50  Refer to MAS workshop plan for mechanical machining shop 1	20		centres (mm) 63 ,Swivel movement +/- 45deg , Longitudinal range (mm) 850, Cross range (mm) 290 ,Vertical range (mm) 475, Distance from centre of	1		
Milling machine. Swing up to 1500mm, effective height 1m, Vertical Boring Mill  Turning table up to 1200mm, horizontal boring mill  Capacity Drilling capacity in 35 mild steel (mm), Spindle taper 4 (morse taper), Distance from spindle to column (mm) 300, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm)1245 Table Rotation of table to head 36  Pedestal grinder  Pedestal grinder  Pedestal grinder  Pedestal grinder - Grinding/ Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply 380/3/50  Toolbox  Fitter toolbox  Refer to MAS workshop plan for mechanical machining shop  Refer to MAS workshop plan for mechanical machining shop	21		Working surface (mm) 1250 x 280, -Slots, number and size 3 x 16mm, T-Slots centres (mm) 63 ,Swivel movement +/- 45deg , Longitudinal range (mm) 850, Cross range (mm) 290 ,Vertical range (mm) 475, Distance from centre of	1		
Milling machine.  Turning table up to 1200mm, horizontal boring mill  Capacity Drilling capacity in 35 mild steel (mm), Spindle taper 4 (morse taper), Distance from spindle to column (mm) 300, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm)1245 Table Rotation of table to head 36  Pedestal grinder  Pedestal grinder  Pedestal grinder – Grinding/ Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply 380/3/50  Toolbox  Fitter toolbox  Refer to MAS workshop plan for mechanical machining shop  Turning table up to 1200mm, horizontal boring mill  1  Capacity Drilling capacity in 35 mild steel (mm), Spindle taper 4 (morse taper), Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm)1245 Table Rotation of table to head 36  2  Tooloox  Pedestal grinder – Grinding/ Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply 380/3/50  Refer to MAS workshop plan for mechanical machining shop	22	Milling machine.		1		
Pedestal drilling machine  Capacity Drilling capacity in 35 mild steel (mm), Spindle taper 4 (morse taper), Distance from spindle to column (mm) 300, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm)1245 Table Rotation of table to head 36  Pedestal grinder  Pedestal grinder  Pedestal grinder – Grinding/ Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply 380/3/50  Toolbox  Fitter toolbox  Refer to MAS workshop plan for mechanical machining shop  Toolbox  Refer to MAS workshop plan for mechanical machining shop		•				
Pedestal grinder  220v 300W, two grinding discs, speed 2950rpm, disc size 150x20#36 and 150x40#80, 360mm wheel size  Pedestal grinder – Grinding/ Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply 380/3/50  Toolbox  Fitter toolbox  Fitter toolbox  Refer to MAS workshop plan for mechanical machining shop  1	24	Pedestal drilling	Capacity Drilling capacity in 35 mild steel (mm), Spindle taper 4 (morse taper), Distance from spindle to column (mm) 300, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm)1245 Table	2		
26 Pedestal grinder – (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply 380/3/50  27 Toolbox Fitter toolbox 4  28 Workshop layout design Refer to MAS workshop plan for mechanical machining shop 1	25	Pedestal grinder	150x40#80, 360mm wheel size	2		
27     Toolbox     Fitter toolbox     4       28     Workshop layout design     Refer to MAS workshop plan for mechanical machining shop     1	26		(hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply	1		
design Refer to MAS workshop plan for mechanical machining shop	27	Toolbox		4		
design	28		Refer to MAS workshop plan for mechanical machining shop	1		
		uesign			otal Exc. VAT	

ITEM		TEM 3 - WELDING AND FABRICATION WORKSHOP			
NO	ITEM	SPECIFICATION	QTY	RATE	AMOUNT
1	Band saw horizontal	Capacity (mm) 254 x 457, Blade speeds (fpm) 50, 125, 200, 275, Motor Output 2Hp (1.5kW) , Floor Space (mm) 1600 x 710 x1080, Electrics 380V, 3-phase, 50cyl, Blade size 3365mm x 25mm	2		
2	Band saw horizontal CNC	Capacity (mm) 254 x 457, Blade speeds (fpm) 50, 125, 200, 275, Motor Output 2Hp (1.5kW) , Floor Space (mm) 1600 x 710 x1080, Electrics 380V, 3-phase, 50cyl, Blade size 3365mm x 25mm	1		
3	Band saw vertical	Throat 520mm, Working Height 310mm, Blade Speeds 20 - 500m/min, Blade Width 16mm, Blade Length 3880mm, Table Size 600 x 500mm, Table inc 15 deg 4 way, Motor Power 2 Hp	1		
4	Bench with vice (2x/bench)	Jaw width 150mm, Opening 175mm	5		
5	Bending machine hydraulic 25mm	Adira QHD 20040 / Davi MCB 3037	1		
6	Bending machine hydraulic 3mm	Adira QHD 20041 / Davi MCB 3038	1		
7	Bending Machine/Press Brake.	up to 20mm Thickness plate bending	1		
8	Boiler Tube bender.	20mm - 500mm Radius. Up to 8mm thickness	1		
9	Dril, Reversable, Air with key chuck	Chuck size 13mm, Speed 800rpm, air pressure 630kPa, Air hose 10mm.	2		
10	Folding machine		1		
11	Gas and welding / Cutting equipment set	Set with trolley and large bottles (Internal and external)	3		
12	Grinder, Air Die, Heavy duty	Collet size 6 & 3mm, Speed 20000rpm, Air press 630kPa, Motor power 0.9 HP, Air hose 10mm	4		
13	Guillotine hydraulic	Work length 3000mm and plate dimension 25 mm	1		
14	Guillotine.	up to 16mm plate effective bed 1500mm x 2500mm.	1		
15	Hack Saw	Hi-Tension Hack Saw Frame Cast aluminum handle and end pieces with permanent blade pins, blade storage.	2		
16	Iron Worker.	HIW 115 Cylinder	1		
17	Laser Cutter	Bystar 3015, 4.4kW	1		
18	Oxy Acytelen Gas Cutting Machine CNC  Pedestal drilling machine	up to 120mm plate effective bed 3000 MM* 6000MM  Capacity Drilling capacity in 35 mild steel (mm), Spindle taper 4 (morse taper), Distance from spindle to column (mm) 300,  Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm)1245 Table Rotation of table to head 36	1		
20	Pedestal drilling machine - normal	Drill capacity 14mm steel, 700W variable speed 450 - 4000 rpm, Depth of feed 60mm, chuck size 24mm	1		
21	Pedestal grinder	220v 300W, two grinding discs, speed 2950rpm, disc size 150x20#36 and 150x40#80, 360mm wheel size	1		
22	Pedestal grinder – large	Grinding/ Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply 380/3/50	1		
23	Pipe bender - big size up to 3"	Multi function rolling pipe bending machine, 9 round pipe moulds: 16 - 76 mm	2		
24	Pipe Cutter	Heavy Duty Tube Cutter for 1/8" to 1 1/8" (50 to 250mm) O.D. Cutter includes retractable reamer/file and spare carbide cutting wheel. Carbide wheel cuts hard and soft copper, aluminum, brass, thin wall steel and stainless steel.	2		
25	Plasma Cutting Machine.	up to 16mm plate effective bed 1500mm x 2500mm.	1		
26	Plate Rolling Machine.	up to 20mm Thick plate rolling, effected length of 2500mm	1		
27	Welding machine.	450Amps. 380 supply	5		
28	Workshop layout design	Refer to MAS workshop plan for welding and fabrication	1		1

The total of the Prices	

## **PART 3: SCOPE OF WORK**

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C3.2	Supplier's Goods Information	11
	Total number of pages	11

## **C3.1: PURCHASER'S GOODS INFORMATION**

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## 1 Overview and purpose of the goods and services

The supply and installation of workshop tools and equipment, machinery and the workshop design layout review and optimization at Kusile Power Station.

#### **Equipment and Tools Required**

1	Band saw horizontal2
2	Band saw horizontal CNC1
3	Band saw vertical1
4	Bench with vice (2x/bench)5
5	Bending machine hydraulic 25mm1
6	Bending machine hydraulic 3mm1
7	Bending Machine/Press Brake1
8	Boiler Tube bender1
9	Drill, Reversable, Air with key chuck2
10	Folding machine
11	Gas and welding / Cutting equipment se
12	Grinder, Air Die, Heavy duty
13	Guillotine hydraulic
14	Guillotine
15	Hack Saw
16	Iron Worker
17	Laser Cutter
18	Oxy Acytelen Gas Cutting Machine CNC
19	Pedestal drilling machine
20	Pedestal drilling machine - normal
21	Pedestal grinder
22	Pedestal grinder - large
23	Pipe bender - big size up to 3"2
24	Pipe Cutter2
25	Plasma Cutting Machine1
26	Plate Rolling Machine1
27	Welding machine5
28	Workshop layout design1

# 2 Specification and description of the goods

Item	Detailed Specification
Band saw horizontal	Capacity (mm) 254 x 457, Blade speeds (fpm) 50, 125, 200, 275, Motor Output 2Hp (1.5kW), Floor Space (mm) 1600 x 710 x1080, Electrics 380V, 3-phase, 50cyl, Blade size 3365mm x 25mm
Band saw horizontal CNC	Capacity (mm) 254 x 457, Blade speeds (fpm) 50, 125, 200, 275, Motor Output 2Hp (1.5kW), Floor Space (mm) 1600 x 710 x1080, Electrics 380V, 3-phase, 50cyl, Blade size $3365 \text{mm} \times 25 \text{mm}$
Band saw vertical	Throat 520mm, Working Height 310mm, Blade Speeds 20 - 500m/min, Blade Width 16mm, Blade Length 3880mm, Table Size 600 x 500mm, Table 15-deg 4-way, Motor Power 2 Hp
Bench with vice (2x/bench)	Jaw width 150mm, Opening 175mm
Bending machine	hydraulic 25mm, Adira QHD 20040 / Davi MCB 3037
Bending machine hydraulic 3mm	Adira QHD 20041 / Davi MCB 3038
Bending Machine/Press Brake.	Up to 20mm Thickness plate bending
Boiler Tube bender.	20mm - 500mm Radius. Up to 8mm thickness
Drill, Reversable, Air with key chuck	Chuck size 13mm, Speed 800rpm, air pressure 630kPa, Air hose 10mm.
Folding machine	Folding machine
Gas and welding/Cutting set	Set with trolley and large bottles (Internal and external)
Grinder, Air Die, Heavy duty	Collet size 6 & 3mm, Speed 20000rpm, Air press 630kPa, Motor power 0.9 HP, Air hose 10mm
Guillotine hydraulic	Work length 3000mm and plate dimension 25 mm
Guillotine.	Up to 16mm plate effective bed 1500mm x 2500mm.
Hack Saw	Hi-Tension Hack Saw Frame Cast aluminium handle and end pieces with permanent blade pins, blade storage.
Iron Worker.	HIW 115 Cylinder
Laser Cutter	Bystar 3015, 4.4kW
Oxy Acetylene Gas Cutting	Up to 120mm plate effective bed 3000 MM* 6000MM, CNC Machine
Pedestal drilling machine	Capacity Drilling capacity in 35 mild steel (mm), Spindle taper 4 (morse taper), Distance from spindle to column (mm) 300, Distance from spindle to table min/max (mm) 70 - 885, Distance from spindle to base max (mm)1245 Table Rotation of table to head 36
Pedestal drilling machine - normal	Drill capacity 14mm steel, 700W variable speed 450 - 4000 rpm, Depth of feed 60mm, chuck size 24mm
Pedestal grinder	220v 300W, two grinding discs, speed 2950rpm, disc size 150x20#36 and 150x40#80, 360mm wheel size $$
Pedestal grinder - large	Grinding/ Contact Wheel Size (mm) 300 x 50 x 32, Motor power continuous (hp) 3 Spindle speed (rpm) 1400 or 2800 Weight (kg) 90 / 140, Power supply $380/3/50$
Pipe bender - big size up to 3"	Multi-function rolling pipe bender, 9 round pipe moulds: 16 - 76 mm
Pipe Cutter	Heavy Duty Tube Cutter for 1/8" to 1 1/8" (50 to 250mm) O.D. Cutter includes retractable reamer/file and spare carbide cutting wheel. Carbide wheel cuts hard and soft copper, aluminium, brass, thin wall steel and stainless steel.
Plasma Cutting Machine.	Up to 16mm plate effective bed 1500mm x 2500mm.
Plate Rolling Machine.	Up to 20mm Thick plate rolling, effected length of 2500mm
Welding machine.	450Amps. 380 supply
Workshop layout design	Refer to MAS workshop plan for welding and fabrication

#### 2.1 Purchaser's design

Not Applicable

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

Not Applicable

#### 2.3 Other requirements of the Supplier's design

Not Applicable

#### 2.4 Use of Supplier's design

As per core clause 22.1

#### 2.5 Manufacture & fabrication

The Purchaser will not prescribe how the goods are to be manufactured and fabricated.

#### 2.6 Factory acceptance testing (FAT)

The *Purchaser* is to witness the goods being tested prior 2 days prior to delivery. The *Supplier* may not restrict *Supply Manager*'s right to witness tests.

#### 2.7 Other tests and inspections and commissioning in place of use

The Supplier is to commission the goods in the place of use after Delivery.

#### 2.8 Operating manuals and maintenance schedules

The *Supplier* to submit Operating and Maintenance procedures (including schedules) 5 days prior to equipment delivery for acceptance by the *Purchaser*.

## 3 Supply Requirements

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

## 4 Specification of the services to be provided

These services include training of the *Purchaser*'s staff in the use of the *goods*, installation of the *goods* on the *Purchaser*'s property and post Delivery commissioning and monitoring of the *goods* in use. Ensure that all items of service specified can be related to an item in the Price Schedule

$\bigcirc$	T NUMBER	
LUNIRAL	, I NUNNBER	

### 5 Constraints on how the Supplier Provides the Goods

#### 5.1 Programming constraints

A programme for delivery to be provided as per Contract data (2 weeks after contract award).

Delivery to be expedited and concluded prior to 31 March 2027

Weekly progress updates to be communicated timeously.

#### 5.2 Work to be done by the Delivery Date

The Supplier provides all the work which the Goods Information states he is to do by the Delivery Date.

#### 5.3 Marking the goods

All goods to be marked as per the manufacturer recommendations.

#### 5.4 Constraints at the delivery place and place of use

The Supplier is to communicate delivery 5 days prior to delivery to site in order for the Purchaser to issue details of the delivery site/place at Kusile Power Station.

#### 5.5 Cooperating with Others

The Supplier to cooperate with Others who are identified by the Purchaser only.

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

The Supplier to provide equipment to offload the equipment at the Purchaser site.

#### 5.7 Management meetings

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

Title and purpose	Approximate time & interval	Location	Attendance by:
Project Kick-off Meeting	2 days Contract Award	Kusile Power Station	Employer, Contractor and Others
SHEQ Requirements Clarification Meeting	Project Kick-off Meeting	Kusile Power Station	Employer, Contractor and Others
Delivery Progress Meeting	Weekly on Thursdays	Kusile Power Station/online	Employer, Contractor and Others
Risk register and compensation events	As and when required	Kusile Power Station	Employer, Contractor and Others
Other	As and when required	Kusile Power Station	Employer, Contractor and Others

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

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

#### 5.8 Documentation control

The *Supplier* is to submit the <u>two hard copies</u> of all procedures and manual and drawings as well as <u>one soft copy</u> of all documents per equipment.

#### 5.9 Health and safety risk management

The Supplier shall comply with the health and safety requirements contained in Annexure A to this Goods Information.

#### 5.10 Environmental constraints and management

The Supplier shall comply with the environmental criteria and constraints contained in Annexure A to this Goods Information

#### 5.11 Quality

The Supplier shall comply with the quality criteria and constraints contained in Annexure A to this Goods Information.

#### 5.12 Invoicing and payment

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

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

- Name and address of the Supplier and the Supply Manager;
- The contract number and title;
- Supplier's VAT registration number;
- The Purchaser's VAT registration number.
- Description of goods and services provided for each item invoiced based on the Price Schedule;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
- (add other as required)
- The invoice is to be submitted to invoiceseskomlocal@eskom.co.za once confirmed with the payment certificate.

#### 5.13 Insurance provided by the Purchaser

As stated in the Contract Data

#### 5.14 Contract change management

All changes to the Contract, such as Contractor management changes or Compensation events shall be communicated through standard NEC SC 3 forms.

#### 5.15 Provision of bonds and guarantees

Not applicable

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

The Supplier is required to keep any records of Defined Cost.

#### 6 Procurement

#### 6.1 Subcontracting

#### 6.1.1 Preferred subcontractors

Not applicable

#### 6.1.2 Limitations on subcontracting

Not applicable

#### 6.1.3 Spares and consumables

The Supplier to provide spares and consumable for the equipment required for onsite commissioning and training which may be needed at or just after delivery or commissioning of the *goods* and that it is best the *Supplier* provide these initially as part of his Providing the Goods and Services

#### 6.1.4 Other requirements related to procurement

Other requirements such as ASGISA or socio political enhancements the *Supplier* is to provide as part of Providing the Goods and Services (if any) could be included here.

#### 6.1.5 Cataloguing requirements by the Supplier

The Supplier is to provide technical specification for cataloguing of components identified in the operating and maintenance manuals. The Purchaser will issue the forms required to be completed to the Supplier on the date of the Kick-off meeting

### 7 List of drawings

#### 7.1 Drawings issued by the *Purchaser*

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

Revision	Title
	Revision

	CT NUMBER	
CONTRA	JINUNBER	

### C3.2 SUPPLIER'S GOODS INFORMATION

This section of the Goods Information will always be contract specific depending on the nature of the *goods* and *services*.

It is most likely to be required for supply contracts where the tendering supplier will have proposed specifications and schedules for the *goods* and *services*, which once accepted by the *Purchaser* prior to award of contract now become obligations of the *Supplier* per core clause 20.1.

This section could also be compiled as a separate file.	