



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

C3.1: *PURCHASER'S* GOODS INFORMATION

Contents

Part 3: Scope of Work	2
C3.1: <i>Purchaser's</i> Goods Information	3
1 Overview and purpose of the <i>goods</i> and <i>services</i>	5
1.1 Executive Overview	5
2 Specification and description of the <i>goods</i>	5
2.1 <i>Purchaser's</i> design	6
2.2 Procedure for submission and acceptance of <i>Supplier's</i> design.....	6
2.3 Other requirements of the <i>Supplier's</i> design	6
2.4 Use of <i>Supplier's</i> design	6
2.5 Manufacture & fabrication	6
2.6 Factory acceptance testing (FAT)	6
2.7 Other tests and inspections and commissioning in place of use.....	6
2.8 Operating manuals and maintenance schedules	6
3 Supply Requirements	6
4 Specification of the <i>services</i> to be provided	6
5 Constraints on how the <i>Supplier</i> Provides the Goods	7
5.1 Programming constraints.....	7
5.2 Work to be done by the Delivery Date.....	7
5.3 Marking the <i>goods</i>	7
5.4 Constraints at the delivery place and place of use	7
5.5 Cooperating with Others	8
5.6 Services & other things to be provided by the <i>Purchaser</i> or <i>Supplier</i>	8
5.7 Management meetings	8
5.8 Documentation control.....	8
5.9 Health and safety risk management	8
5.10 Environmental constraints and management	8
5.11 Quality.....	9
5.12 Invoicing and payment.....	9
5.13 Insurance provided by the <i>Purchaser</i>	Error! Bookmark not defined.
5.14 Contract change management	9
5.15 Provision of bonds and guarantees	9
5.16 Records of Defined Cost, payments & assessments of compensation events to be kept by the <i>Supplier</i>	9
6 Procurement	10

6.1	Subcontracting	10
6.1.1	Preferred subcontractors	10
6.1.2	Limitations on subcontracting	10
6.1.3	Spares and consumables	10
6.1.4	Other requirements related to procurement.....	10
7	List of drawings.....	10
7.1	Drawings issued by the <i>Purchaser</i>	10
C3.2	Supplier's Goods Information	10

1 Overview and purpose of the goods and services

1.1 Executive Overview

To place a five-year contract for the supply and delivery of Primary and Secondary air heater Modules required during outage execution.

2 Specification and description of the goods

Supply and delivery of Primary and Secondary steam air heater modules as per below table with unique material numbers and material description specifications and each component on the below table to be priced separate and to be procured as and when required.

Description	Primary steam air heater	Secondary steam air heater
KKS code	HLC17/27 AC001	HLC10/20 AC001
Type (module)	1850/1072/1-ET1-FE33-D7	4200/1232/3-ET1-FE33-D7
No. of modules	4	3
Steam capacity	120 litres	528 litres
Operating steam temperature	300 °C	300 °C
Design steam temperature	350 °C	350 °C
Operating steam pressure	1,2 MPa	1,2 MPa
Design steam pressure	1,6 MPa	1,6 MPa
Air temperature (outlet) range	45/75 °C	43/130 °C
DESCRIPTION OF GOODS		
Tube (seamless)	BSEN 10216-2 grade P235GH Carbon Steel, material no: 1.0305	BSEN 10216-2 grade P235GH Carbon Steel, material no: 1.0305
Tube plate	BSEN 10025-2 grade S355JR Carbon Steel, material no: 1.0045	BSEN 10025-2 grade S355JR Carbon Steel, material no: 1.0045
Header	BSEN 10216-2 grade P265GH Carbon Steel, material no: 1.0425	BSEN 10216-2 grade P265GH Carbon Steel, material no: 1.0425
Header end plate	BSEN 10025-2 grade S355JR Carbon Steel, material no: 1.0045	BSEN 10025-2 grade S355JR Carbon Steel, material no: 1.0045
Inlet/outlet stub pipes	BSEN 10216-2 grade P235GH Carbon Steel, material no: 1.0305	BSEN 10216-2 grade P235GH Carbon Steel, material no: 1.0305
Inlet/outlet Flanges (weld-neck)	BSEN 10273 grade P250GH Carbon Steel, material no: 1.0460	BSEN 10273 grade P250GH Carbon Steel 1.0460
Casing parts	BSEN 10025-2 grade S235JR Carbon Steel, material no: 1.0037	BSEN 10025-2 grade S235JR Carbon Steel, material no: 1.0037
Bellows	Expansion type Stainless steel OD 45 x LG 212 mm 88mm O/Diameter flange on one side screw in type	Expansion type Stainless steel OD 45 x LG 212 mm 88mm O/Diameter flange on one side screw in type
Manifold	Material ASTM 106B OD 60.3 mm X length 3m X thickness 3.05 mm	Material ASTM 106B OD 60.3 mm X length 3m X thickness 3.05 mm
GOODS DIMENSIONS		
Width, inclusive of frame and bypass damper	5 600 mm	4 302 mm

Height (including frame)	1 950 mm	4 360 mm
Module Thickness	180 mm	300 mm
Tube size	36 x 14 x 1,8 mm	36 x 14 x 1,8 mm
Quantity	Two per boiler	Two per boiler

2.1 *Purchaser's design*

N/A

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

N/A

2.3 *Other requirements of the Supplier's design*

N/A

2.4 *Use of Supplier's design*

N/A

2.5 *Manufacture & fabrication*

N/A

2.6 *Factory acceptance testing (FAT)*

The manufacturing shall be subjected to the latest requirements of the relevant health and safety standard such as SANS347 and Pressure Equipment Regulations.

Factory acceptance test to be done in the presence of the Engineer for all local manufactured components. Data Sheet and test certificate to be made available (Test certificate, Data Sheets)

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

N/A

2.8 *Operating manuals and maintenance schedules*

N/A

3 *Supply Requirements*

N/A

4 *Specification of the services to be provided*

- Supply and delivery of Primary and Secondary steam air heater as and when required
- No delivery should be done without Eskom Official Order,
- Supplier Delivery Note must indicate partial delivery if partial order is delivered,
- Stock number and equipment short description and each delivery note must not be duplicated,
- Each delivery to be recorded on receiving register

5 Constraints on how the *Supplier* Provides the Goods

5.1 Programming constraints

Delivery times will be stated on the official purchase order

5.2 Work to be done by the Delivery Date

- a) Supplier to quote the Eskom official purchase order in all delivery notes and invoices
- b) Finished goods to be delivered fully assembled and tested and be in good working condition
- c) Finished goods must be well packaged and safely transported
- d) Eskom to acknowledge receipt of goods by stamping and signing the delivery note of the supplier upon delivery, rejected items to be communicated after the official quality inspection is done on site by the end-user of the product and followed by processing document for payment
- e) Every module must have its own Data Sheet & Quality Check Documents & Pass Quality Inspection on site.

5.3 Marking the *goods*

Clearly mark each component with bold writing- Eskom material number, unique serial number and manufacture date beside name plate and writing must be of permanent in nature.

An electronical communication via e-mail to be sent to Eskom Contracts Manager Delivery Note per purchase order.

5.3.1 Key Performance Indicator Table

KPA Description	Performance Measure/ Indicator	Target
Purchase Order delivery to site	Lead time agreed on the contract to be lead time on each PO and supplier delivery must match these lead times	98%
Preliminary markings of goods	Marking of goods with Eskom material number, unique serial number and manufacture date	100%
Customer Survey done by the supplier to be submitted to purchaser	To measure service level of the supplier by the purchaser	4 times per year from start of the contract

5.4 Constraints at the delivery place and place of use

Supplier need to strictly follow Eskom Life Saving Rules especial but not limited to when delivering goods to Majuba Power Station

Buckle up

No person may drive any vehicle on Eskom business and/or on Eskom premises:

Unless the driver and all passengers are wearing seat belts

Be Sober

No person is allowed to work under the influence of drugs and/or alcohol

Majuba Power Station Delivery Times are as follows

08h00 A.M to 16h00 P.M Monday to Thursday

08h00 A.M to 11h30 A.M on Friday

No delivery is accepted afterhours, weekends and including public holidays unless the Supplier is requested by the Purchaser in writing prior delivery to site

5.5 Cooperating with Others

N/A since it's a supply and delivery contract

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

Eskom Majuba Power Station will provide resources to offload the goods being delivered (Cranes and forklift for offloading purposes)

5.7 Management meetings

General meetings to be held as and when required and maybe requested by either party Supplier or Purchaser. MS meeting can be utilised to conduct such meeting to comply with covid-19 safety protocols.

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

An e-mail to be sent to matiwalu@eskom.co.za for all components that gets delivered on site with report of material number, serial number and manufacture date. Also state when will the warrantee / guarantee of the components start on the date it is received and stored at the warehouse or when is fitted in the plant and the duration of warrantee/ guarantee

5.9 Health and safety risk management

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

5.10 Environmental constraints and management

The *Supplier* shall comply with the environmental criteria and constraints contained in this goods Information

5.11 Quality

- In order to assure adequate quality of heat exchangers, appropriate technical delivery conditions, usually specified in international materials specifications such as BS EN 10222.
- The *Supplier* shall comply with the Quality Requirements as per the Specification (QM 58) 240-105658000
- VGB-S-109-00-2012-08-DE-EN: Material specification for components under pressure in fossil- fired power plants
- QCP to be provided and approved by the engineer prior manufacturing
- AIA to be involved in the manufacturing process and sign the QCP
- Heat treatment plans or schedules for each material tendered for or quoted shall be provide
- Standard for Welding Requirements on Eskom Plant 240-106628253

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;

5.13 Contract change management

No part of this contract can be changed without informing the *Purchaser*

5.14 Provision of bonds and guarantees

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

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

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

- The *Supplier* to declare all equipment and tools via pre-set up list at the main entrance, where removal permit will be issued by Security personnel

6 Procurement

6.1 Subcontracting

6.1.1 Preferred subcontractors

N/A

6.1.2 Limitations on subcontracting

N/A

6.1.3 Spares and consumables

N/A

6.1.4 Other requirements related to procurement

N/A

7 List of drawings

7.1 Drawings issued by the *Purchaser*

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

Drawing number	Revision	Title
0.66/3654	04	Secondary Steam Air heater
0.66/3653	06	Primary Steam Air heater

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.

Annexure A: Service Level Table for Low Service Damages

No.	Description	Employer's Requirement	Damages payable by Contractor
1	On time delivery to Majuba Power Station	All deliveries to be delivered as per agreed lead time of the contract working from the time the supplier acknowledge receipt of an official Eskom Order Number that start with 45 number	3% of the total purchase order if an order is delivered one week later, 5% of the total purchase order if an order is delivered two to three weeks later and 10% of the total purchase order delivered later than four weeks and all the deductions to be subtracted from the original invoice of the purchase order
2	Equipment failure	All actuators failing before lapse of warranties and guarantees to be replaced within 4 weeks at no charge	Any period longer than 4 weeks a standard rate of R200.00 per day actuator will be charges and the supplier will still have to replace the failed actuator free of charge
3	Marking of goods before delivery	All actuators delivered on site must have a (Eskom material number, unique serial number and manufacture date) written with bold letters in a visible place apart from name plate and writing must be permanently	Delay the payment of a particular invoices by 35 days, which is counted from the day all goods of a particular purchase order has been corrected by marking them accordingly

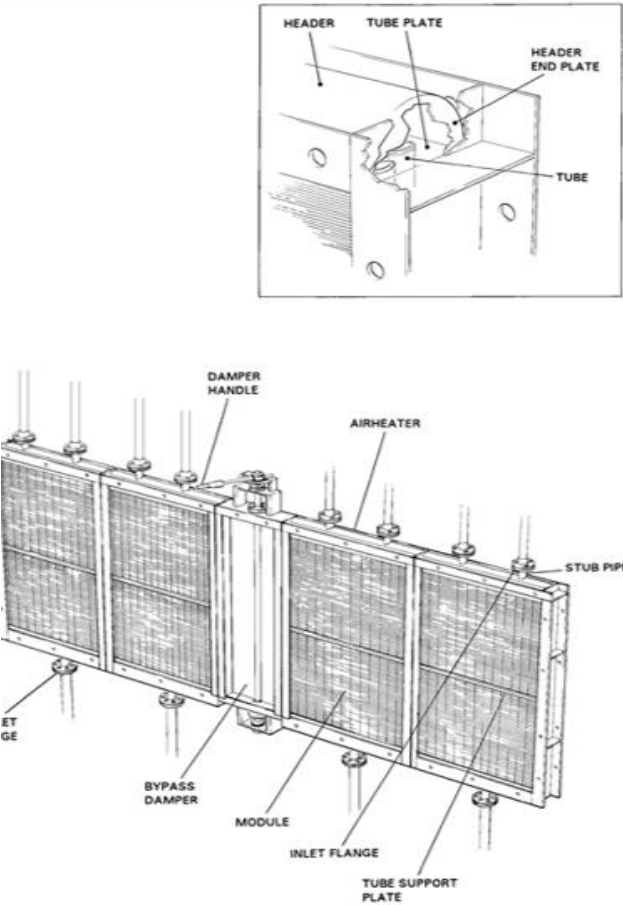


Figure 2-6-2 Primary Steam Airheater

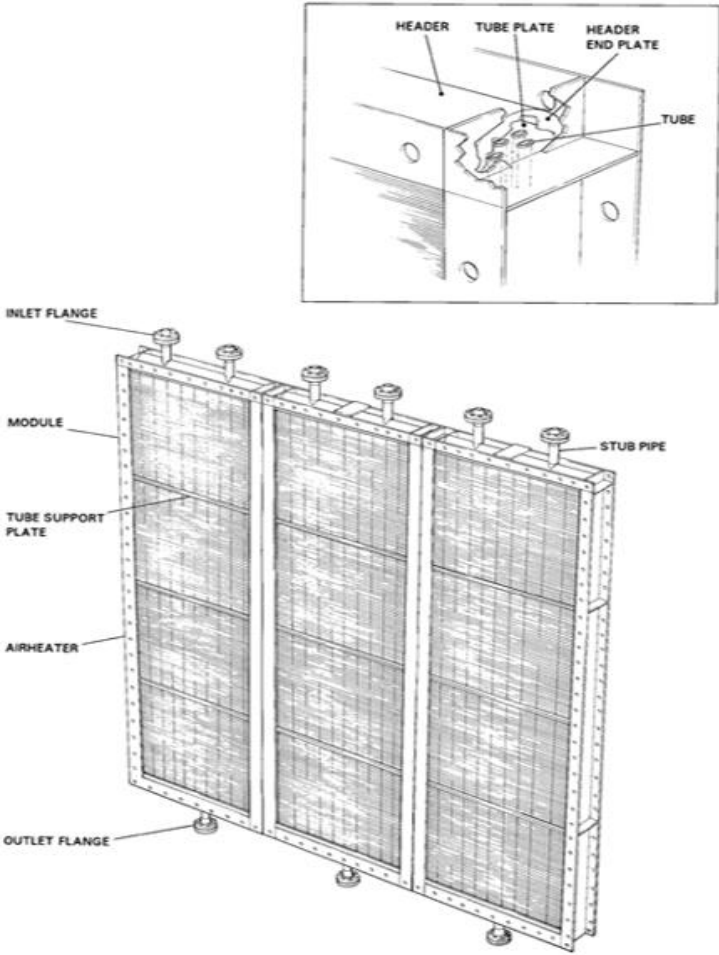


Figure 2-6-3 Secondary Steam Airheater

