

PART 3: SCOPE OF WORK

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

C3.1: *PURCHASER'S* GOODS INFORMATION

Contents

When the document is complete, insert a 'Table of Contents'. To do this go to: Reference, → Table of Contents. Three levels and the title (but not the subtitle) may be shown if the formats used in this template are retained. Alternatively just update the table below when the drafting of the Goods Information is complete by clicking on 'References' then 'Update Table' then 'Update entire table'

Part 3: Scope of Work	1
C3.1: <i>Purchaser's</i> Goods Information	2
1 Overview and purpose of the <i>goods</i> and <i>services</i>	4
2 Specification and description of the <i>goods</i>	4
2.1 <i>Purchaser's</i> design	11
2.2 Procedure for submission and acceptance of <i>Supplier's</i> design	11
2.3 Other requirements of the <i>Supplier's</i> design	11
2.4 Use of <i>Supplier's</i> design	11
2.5 Manufacture & fabrication	11
2.6 Factory acceptance testing (FAT)	11
2.7 Other tests and inspections and commissioning in place of use	11
2.8 Operating manuals and maintenance schedules	11
3 Supply Requirements	11
4 Specification of the <i>services</i> to be provided	Error! Bookmark not defined.
5 Constraints on how the <i>Supplier</i> Provides the Goods	12
5.1 Programming constraints	12
5.2 Work to be done by the Delivery Date	12
5.3 Marking the <i>goods</i>	12
5.4 Constraints at the delivery place and place of use	12
5.5 Cooperating with Others	12
5.6 Services & other things to be provided by the <i>Purchaser</i> or <i>Supplier</i>	12
5.7 Management meetings	13
5.8 Documentation control	13
5.9 Health and safety risk management	13
5.10 Environmental constraints and management	14
5.11 Quality	14
5.12 Invoicing and payment	14
5.13 Insurance provided by the <i>Purchaser</i>	15
5.14 Contract change management	15
5.15 Provision of bonds and guarantees	15

5.16	Records of Defined Cost, payments & assessments of compensation events to be kept by the <i>Supplier</i>	15
6	Procurement	15
6.1	Subcontracting	15
6.1.1	Preferred subcontractors	15
6.1.2	Limitations on subcontracting	15
6.1.3	Spares and consumables	15
6.1.4	Other requirements related to procurement.....	15
6.1.5	Cataloguing requirements	15
7	List of drawings	16
7.1	Drawings issued by the <i>Purchaser</i>	16
C3.2	Supplier's Goods Information	17

Overview and purpose of the *goods and services*

Manufacture, Supply and Delivery of estimated quantities of various types of Phase Overhead Conductors on an “as and when” required basis for a period of five (5) years for Transmission Division.

The Specification covers the technical, manufacturing and testing requirements for aluminium conductors with steel reinforcement (ACSR), all aluminium alloy conductor (AAAC) and all aluminium conductor (AAC) for use on Phase Overhead Conductors.

It is based on additional requirements set out by Eskom taking into account SANS IEC 61089, SANS IEC 888 and SANS IEC 889.

Specification and description of the *goods*

1. Supplier Quality Management Specification-Document Identifier 240 -105658000 Rev 1
2. SHE Specification –Document Identifier 240 -138789294 Rev 1
3. Phase Conductor for Eskom ‘s Overhead Lines Specification –Document Identifier 240-75521456 Rev 0
4. Any other goods information mentioned in the enquiry documents.

The following standards are applicable to this tender/enquiry:

Reference Number	Title
240-152844641	PHASE CONDUCTOR STANDARD FOR ESKOM OVERHEAD LINES
240-130900871	TECHNICAL EVALUATION CRITERIA FOR OVERHEAD PHASE CONDUCTOR

ITEM	SAP No.	DESCRIPTION	Unit of Measurement	Qty
1	584646	COND ELEC:AAAC;37/3.23 SYCAMORE 22.61 O/A MM GRS	M	2524846
2	14534	COND ELEC:AAAC;37/3.23 SYCAMORE 22.61 O/A MM UNGRS	M	1000
3	174612	COND ELEC:AAAC;7/3.16 PINE 10.83 O/A MM GRS	M	1000
4	403077	COND ELEC:AAAC;7/3.16 PINE 10.83 O/A MM UNGRS	M	1000
5	403107	COND ELEC:AAAC;DIA 13.95 O/A MM;OAK;GRS	M	1000
6	403051	COND ELEC:AAAC;DIA 13.95 O/A MM;OAK;UNGRS	M	1000
7	584631	COND ELEC:AAAC;DIA 17.60 O/A MM;GRS IEC160	M	1000
8	584616	COND ELEC:AAAC;DIA 17.60 O/A MM;UNGRS IEC160	M	1000
9	584632	COND ELEC:AAAC;DIA 24.70 O/A MM;GRS IEC315	M	1000
10	584617	COND ELEC:AAAC;DIA 24.70 O/A MM;UNGRS IEC315	M	1000
11	584633	COND ELEC:AAAC;DIA 27.90 O/A MM;GRS IEC400	M	1000
12	584618	COND ELEC:AAAC;DIA 27.90 O/A MM;UNGRS IEC400	M	1000
13	584634	COND ELEC:AAAC;DIA 29.60 O/A MM;GRS IEC450	M	1000
14	584619	COND ELEC:AAAC;DIA 29.60 O/A MM;UNGRS IEC450	M	1000

ITEM	SAP No.	DESCRIPTION	Unit of Measurement	Qty
15	584635	COND ELEC:AAAC;DIA 31.20 O/A MM;GRS IEC500	M	1000
16	584620	COND ELEC:AAAC;DIA 31.20 O/A MM;UNGRS IEC500	M	1000
17	584636	COND ELEC:AAAC;DIA 33.00 O/A MM;GRS IEC560	M	1000
18	584621	COND ELEC:AAAC;DIA 33.00 O/A MM;UNGRS IEC560	M	1000
19	584637	COND ELEC:AAAC;DIA 35.00 O/A MM;GRS IEC630	M	1000
20	584622	COND ELEC:AAAC;DIA 35.00 O/A MM;UNGRS IEC630	M	1000
21	584638	COND ELEC:AAAC;DIA 37.20 O/A MM;GRS IEC710	M	1000
22	584623	COND ELEC:AAAC;DIA 37.20 O/A MM;UNGRS IEC710	M	1000
23	584639	COND ELEC:AAAC;DIA 39.50 O/A MM;GRS IEC800	M	1000
24	584624	COND ELEC:AAAC;DIA 39.50 O/A MM;UNGRS IEC800	M	1000
25	174614	COND ELEC:AAAC;DIA 6.24 O/A MM;ACACIA;GRS	M	1000
26	174613	COND ELEC:AAAC;DIA 8.31 O/A MM;35;GRS	M	1000
27	701172	COND ELEC:AAC;DIA 16.25 O/A MM;HORNET GRS	M	2000
28	403039	COND ELEC:AAC;DIA 16.25 O/A MM;HORNET UNGRS	M	1000
29	403059	COND ELEC:AAC;DIA 16.25 O/A MM;HORNET INSULATED	M	1000

ITEM	SAP No.	DESCRIPTION	Unit of Measurement	Qty
30	584342	COND ELEC:AAC;DIA 26.46 O/A MM;CENTIPEDE GRS	M	1000
31	403041	COND ELEC:AAC;DIA 26.46 O/A MM;CENTIPEDE UNGRS	M	129231
32	403061	COND ELEC:AAC;DIA 26.46 O/A MM;CENTIPEDE INSULATED	M	7000
33	403114	COND ELEC:AAC;DIA 38.25 O/A MM;BULL GRS	M	11000
34	403047	COND ELEC:AAC;DIA 38.25 O/A MM;BULL UNGRS	M	243692
35	403063	COND ELEC:AAC;DIA 38.25 O/A MM;BULL INSULATED	M	14000
36	14679	COND ELEC:ACSR 12/7 HORSE 13.95 O/A MM GRS	M	7500
37	214537	COND ELEC:ACSR 12/7 HORSE 13.95 O/A MM UNGRS	M	7000
38	403145	COND ELEC:ACSR 54-19 DINOSAUR 35,56 O/A MM GRS	M	37044
39	14448	COND ELEC:ACSR 54/19 DINOSAUR 35,94 O/A MM UNGRS	M	430556
40	403055	COND ELEC:ACSR BEAR 23.45 O/A MM GRS	M	2505
41	403025	COND ELEC:ACSR BEAR 23.45 O/A MM UNGRS	M	5895
42	14676	COND ELEC:ACSR BERSFORT 35,58 O/A MM GRS	M	141037
43	400667	COND ELEC:ACSR BERSFORT 35,58 O/A MM UNGRS	M	382563
44	171326	COND ELEC:ACSR CHICADEE 18.87 O/A MM GRS	M	19385

ITEM	SAP No.	DESCRIPTION	Unit of Measurement	Qty
45	403130	COND ELEC:ACSR CHICADEE 18.87 O/A MM UNGRS	M	1000
46	171330	COND ELEC:ACSR FOX 8.37 O/A MM GRS	M	1000
47	403027	COND ELEC:ACSR FOX 8.37 O/A MM UNGRS	M	1000
48	TBC1	COND ELEC:ACSR GOAT 30/7 25.96 O/A MM GRS	M	2439
49	14451	COND ELEC:ACSR GOAT 30/7 25.96 O/A MM UNGRS	M	5961
50	171332	COND ELEC:ACSR HARE 14.16 O/A MM GRS	M	1750
51	403029	COND ELEC:ACSR HARE 14.16 O/A MM UNGRS	M	27462
52	401188	COND ELEC:ACSR KINGBIRD 23.90 O/A MM GRS	M	5250
53	400662	COND ELEC:ACSR KINGBIRD 23.90 O/A MM UNGRS	M	1000
54	TBC2	COND ELEC:ACSR MAGPIE 6.35 O/A MM GRS	M	1000
55	403033	COND ELEC:ACSR MAGPIE 6.35 O/A MM UNGRS	M	1000
56	171331	COND ELEC:ACSR MINK 10.98 O/A MM GRS	M	1000
57	403031	COND ELEC:ACSR MINK 10.98 O/A MM UNGRS	M	7000
58	245989	COND ELEC:ACSR RAIL 29.59 O/A MM GRS	M	1000
59	245988	COND ELEC:ACSR RAIL 29.59 O/A MM UNGRS	M	1000

ITEM	SAP No.	DESCRIPTION	Unit of Measurement	Qty
60	TBC3	COND ELEC:ACSR SQUIRREL 6.33 O/A MM GRS	M	1000
61	403115	COND ELEC:ACSR SQUIRREL 6.33 O/A MM UNGRS	M	1000
62	400671	COND ELEC:ACSR TERN 27.00 O/A MM GRS	M	11295074
63	400669	COND ELEC:ACSR TERN 27.00 O/A MM UNGRS	M	42075026
64	TBC4	COND ELEC:ACSR TIGER 16,53 O/A MM GRS	M	9450
65	TBC5	COND ELEC:ACSR TIGER 16,53 O/A MM GRS	M	9450
66	403150	COND ELEC:ACSR WOLF 18.13 O/A MM GRS	M	1909
67	403037	COND ELEC:ACSR WOLF 18.13 O/A MM UNGRS	M	2291
68	403043	COND ELEC:ACSR ZEBRA 28,56 O/A MM UNGRS	M	38000
69	14701	COND ELEC:ACSR ZEBRA 28,62 O/A MM GRSD	M	26000
70	584642	COND ELEC:ACSR;DIA 21.0 O/A MM;PANTHER GRS	M	1000
71	403045	COND ELEC:ACSR;DIA 21.0 O/A MM;PANTHER UGRS	M	1000
72	584625	COND ELEC:ACSR;DIA 23.90 O/A MM;GRS IEC315	M	1000
73	584670	COND ELEC:ACSR;DIA 23.90 O/A MM;UNGRS IEC315	M	1000
74	584626	COND ELEC:ACSR;DIA 28.50 O/A MM;GRS IEC450	M	1000

ITEM	SAP No.	DESCRIPTION	Unit of Measurement	Qty
75	584611	COND ELEC:ACSR;DIA 28.50 O/A MM;UNGRS IEC450	M	1000
76	584627	COND ELEC:ACSR;DIA 30.10 O/A MM;GRS IEC500	M	1000
77	584612	COND ELEC:ACSR;DIA 30.10 O/A MM;UNGRS IEC500	M	1000
78	584628	COND ELEC:ACSR;DIA 31.80 O/A MM;GRS IEC560	M	1000
79	584613	COND ELEC:ACSR;DIA 31.80 O/A MM;UNGRS IEC560	M	1000
80	584629	COND ELEC:ACSR;DIA 33.80 O/A MM;GRS IEC630	M	1000
81	584614	COND ELEC:ACSR;DIA 33.80 O/A MM;UNGRS IEC630	M	1000
82	584630	COND ELEC:ACSR;DIA 37.60 O/A MM;GRS IEC800	M	1000
83	584615	COND ELEC:ACSR;DIA 37.60 O/A MM;UNGRS IEC800	M	1000
84	TBC6	COND ELEC:ACSR ODEN 10,58D UNGRS	M	4000
85	TBC7	COND ELEC:ACSR ZAMBEZI 6,96D UNGRS	M	21000
				57 550 316

Purchaser's design

Refer to core Clause 21.1 of the NEC supply contract (SC3) and Specifications.

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

This is a mandatory requirement of core clause 21.2 of the NEC supply contract (SC3) and Specifications.

Other requirements of the *Supplier's* design

Per Specification.

Use of *Supplier's* design

Per clause 22.1

Design supplier shall ensure that there is someone from the design environment to assist when there is a need.

Manufacture & fabrication

Refer to specifications of the goods above

Factory acceptance testing (FAT)

Core Clauses 40 and 41 both make reference to the Goods Information regarding tests and inspections. There are often comprehensive requirements for testing at place of manufacture and before delivery. Note that the *Supplier* may not restrict the *Supply Manager's* right to witness tests per clause 25.2. Refer to specification of the goods above the supplier shall notify Eskom's Quality representative as per QM58 requirements prior to releasing of the goods.

Other tests and inspections and commissioning in place of use

Refer to specifications of the goods above:

Any changes in equipment or manufacturing process will require type tests to be redone

Operating manuals and maintenance schedules

Refer to specifications of the goods above

Supply Requirements

Clauses 11.2(16) defines Supply Requirements and clause 11.2 (8) state that they are part of the Goods Information Eskom has chosen to include them in the C1 2a Contract Data, hence include the following text here.

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

Constraints on how the *Supplier* Provides the Goods

Programming constraints

Read clause 31.2 first then state what additional information (if any) is to go in the programme per the last bullet of clause 31.2.

Work to be done by the Delivery Date

Clause 11.2(5) defines Delivery as when the *Supplier* has done all the work which the Goods Information states he is to do by the Delivery Date. The defined term "Delivery" is used in this contract to identify when a stage, or amount of work has been achieved. This may be more than the common meaning of "delivery" and could include the passing of specified tests, provision of documentation and packing and preparation for air freight or shipping to the *Purchaser's* nominated Delivery Place specified in the Supply Requirements.

The supplier shall notify Eskom's Quality representative as per QM58 requirements prior to releasing of the Goods.

Marking the goods

If this contract requires the *goods* be paid for before they are brought within the Delivery Place, core clause 71.1 requires that the Goods Information state how the *Supplier* is to "mark" the *goods*

Per specification

Constraints at the delivery place and place of use

State any constraints on how the Supplier is to provide the goods and services both at the delivery place and where the goods and services are to be put into use, e.g. restriction on access, working hours and sequence of work. Sites such as Sasol Secunda and Koeberg Nuclear Power Station have very strict entrance requirements which tenderers need to allow for in their prices, and the Supplier has to comply with State these or similar requirements here.

Per specification

Cooperating with Others

Although not a direct requirement of the *conditions of contract* if the *Purchaser* is aware of the *Supplier's* need to co-operate with Others (for example where the supply is to one of the *Purchaser's* contractor's on a project or design of the *goods* needs to be discussed with Others) details could be given here.

To be agreed upon if necessary.

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

Clause 23.2 requires that the Goods Information state what services and other things are to be provided by the Parties, each to the other as part of the supply process. This has nothing to do with the *services* identified in the Contract Data. It would include temporary services and things needed to facilitate the supply, such as cranes provided by the *Purchaser* for offloading of the *goods*.

Management meetings

Quarterly meetings may be held between the purchaser and seller to discuss the status of safety, compensation events, Health and Environment, Quality, SDL&I, Eskom business requirements forecasts, contract review and overall co-ordination and other matters of a general nature.

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

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Quarterly meetings	To be confirmed	<i>Purchaser, Supplier, Contract Management and Technical Representative</i>
Overall contract progress and feedback	Quarterly meetings	To be confirmed	<i>Purchaser, Supplier, and Representatives</i>
SDL & I Requirements	Quarterly meetings	To be confirmed	<i>Purchaser, Supplier, and Representatives</i>
SHEQ Requirements	Quarterly meetings	To be confirmed	<i>Purchaser, Supplier, and Representatives</i>

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

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

Documentation control

All contractual communications is to be channelled through the *Supply Manager* and *Suppliers* key person

Health and safety risk management

In addition to the requirements of the laws governing health and safety, the *Purchaser* may have some additional requirements particular to the *goods* and the location where they are to be delivered for this contract. This is a requirement of clause 25.4.

The *Supplier* shall comply with the health and safety requirements in the SHE folder.

Refer to the SHE requirements, location of *Goods* to be delivered will be indicated in the purchase order.

Environmental constraints and management

The *Supplier* shall comply with the environmental criteria and constraints, ensure that all goods, services and works supplied in terms of this contract conform to all applicable environment legislations and to Purchasers' environmental specification Refer to SHE folder.

All other applicable legislation

Quality

Supplier Quality requirement are based on the relevant ISO Quality Management System standards and QM 58 Specification. The *Supplier* shall therefore adhere to the specification during the contract execution as per clause 5 of the specification, with special reference to the following but not limited to:

The supplier shall complete and submit a Contract Quality Plan (CQP) to Eskom before contract award.
The supplier shall complete and submit Quality Control Plan (QCP) /Inspection and Test Plan (ITP) for review and acceptance by Eskom prior to commencement of any work.

Equipment lists and an indication of pressurised components and systems where applicable.

Method statements for works (describing how work will be executed)

Note: These plans are to be compiled in line with Eskom's requirements and will have to be discussed with, and approved by Eskom prior to any work commencement.

The supplier must always adhere to the Standards Condition of QM 58 Specification as per clause 6 and selected requirements in Form A (Tender Contract Quality Requirements for QM58 and Quality Requirements for ISO 9001 Standard)

Invoicing and payment

Within 60 days of receiving a tax invoice showing the amount due for payment equal to that stated in the purchase order. The *Supplier* shall submit a Statement of the assessment application to the Contracts Manager/Engineer on the 15th of each month, in a Proforma invoice form approved by the Contracts Manager/Engineer, showing in detail the amounts to which the *Supplier* considers himself to be entitled, together with supporting documents which shall include the report on the progress during this month. Invoices must be accepted and signed off by both Eskom and *Supplier* (Contract Manager/ Engineer, QS and Supplier)

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)

Insurance provided by the *Purchaser*

As stated in the contract data provided by the Purchaser.

Contract change management

Refer to the Eskom QM-58 Specification (Supplier Contract Quality Requirements Specification)

Provision of bonds and guarantees

Refer to contract data provided by the Purchaser

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 for the duration of the contract.

Procurement

Subcontracting

Preferred subcontractors

Refer to the Supplier Development Localization and Industrialisation (SDL&I) Undertaking

Limitations on subcontracting

Refer to the Supplier Development Localization and Industrialisation (SDL&I) Undertaking

Spares and consumables

Eskom from time to time request urgent requirements in a form of additional requirements from supplier over and above the forecast shared with the supplier during contract execution.

Other requirements related to procurement

Refer to the Supplier Development Localization and Industrialisation (SDL&I) Undertaking

Cataloguing requirements by the *Supplier*

Not applicable

List of drawings

Drawings issued by the *Purchaser*

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

Drawing number	Revision	Title

C3.2 *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.
