

KZN0133/TS

AERIAL BUNDLE CABLE

SAP No: 215204

COND ELEC:AL;ABC INS NEU;1 KV;70 MM2;3C

Clarification Presentation

TECHNICAL



FUNCTIONALITY METHODOLOGY:

The technical evaluation of this tender will comprise of 2 stages:

Stage 1: Documentation Evaluation

- Level 1 – Mandatory Gatekeeper
- Level 2 – Scoring

Stage 2: Factory & Factory Sample Evaluation

APPLICABILITY:

The following documents shall apply:

- a) Technical schedule for SAP number 0215204
- b) 240-84758170 – Aerial bundled conductors with bare or insulated neutral supporting conductor
- c) D-DT-3141
- d) Technical Criteria ABC – criteria for technical evaluation applied in this tender.
 - a) Based on 240-92934300 – Technical Evaluation Criteria for LV ABC (scanned)

Stage 1: **Documentation Evaluation**

The documentation evaluation stage entails 2 levels:

Level 1 (Mandatory Gatekeeper) constitutes a total of 80% of the technical evaluation documentation score, and

Level 2 (Scoring) constitutes the remaining 20% of the technical evaluation documentation score to attain an overall 100% combined score.

Evidence for Level 1 and Level 2 is to be contained in the “Technical File” of the tender submission.

Level 1: **Mandatory Gatekeeper**

The documentation tender submission must meet all the Level 1 Gatekeeper mandatory technical evaluation requirements.

Failure to meet ALL the mandatory requirements will result in a score of 0% achieved out of the 80% scoring weight allowed, this will result in immediate disqualification.

Thus, a tenderer can only obtain 0% or 80%, and nothing in between for level 1 mandatory gate- keeper requirements.

At level 1 Eskom may stop the technical evaluations without concluding a review of all the mandatory gatekeeper technical evaluation requirements. Any further review of the level 1 gatekeeper mandatory technical evaluation requirements will be at the discretion of Eskom

Level 1: **Mandatory Gatekeeper**

Criteria	Standard/clause
Is a full list as well as complete English copies of type test reports as per the specification requirements submitted?	N/A
Are completed technical schedules B submitted in the provided excel format and submitted in pdf?	Technical Schedules A and B (240-84758170)
Are Product Codes submitted?	D-DT 3141
Are Conductor dimensional data and construction drawings including thickness of the dielectric submitted?	SANS 1418 and 240-84758170
Is the insulation piercing test submitted?	CENELEC HD 626 S1
Are Type Test Report submitted in accordance with Eskom's requirements (Standard) (performed at an accredited Test facility) submitted?	240-84758170
Is the marking of cores in accordance with Eskom standard? Marking method to be provided. Note: there shall be "ESKOM" indented or embossed mark on the phase and supporting core.	240-84758170
Manufacturer has a valid SABS permit holder for manufacturing to SANS 1418. Permit to be provided.	D-DT 3141

- Any of the above criteria is not satisfied in the submission then the supplier will be disqualified and the submission will not be evaluated further.
- The Type testing should fully comply with the requirements of SANS 1418 in order for the evidence to be accepted under testing requirements.
- The LV ABC insulated support neutral should fully comply with Eskom specifications where applicable in order for the evidence to be accepted.

- **Level 1: Mandatory Gatekeeper – Evidence to be returned**
- Refer to technical pack for the following templates:
 - Template for List of Tests – see document titled “Technical Criteria ABC” – *“Annexure - Table 1”*
 - Template for AB Schedule – see document titled “Technical Schedules - ABC Conductor DDT3141”
 - Product code included in AB Schedule
- Other evidence such as tests, drawings and SABS certificates to be submitted as per the OEM’s documentation – no templates are provided.

Level 2: Scoring

LV ABC with Bare or Insulated Support Neutral technical evaluation for the documentation exercise			
Level 2 scoring/rating - (only submission that passes Level 1 gatekeepers)			
Routine testing and type testing Weight: 4			
Criteria	Clause	Weight	Score
Were type tests performed in the last 10 years? Test reports submitted	SANS 1418	1	
Are all tests reports/certificate in table 1 (see annexure) submitted?	Technical Criteria	1	
Insulation piercing test submitted	240-84758170	1	
Carbon black dispersion test submitted	240-84758170	1	
- For Type testing performed within the last 10 Years supplier gets 100% and loses 20 % for each additional year. - For the routine test certificate or report supplier gets 100 % if all requirements as per SANS included, and loses 20% for each missing requirement Insulation piercing test and Carbon black dispersion test submitted, supplier gets 100%		Total	/4

Level 2: Scoring

Technical schedules Weight: 5 Total			
Criteria	Clause	Weight	Score
Correctness of completion i.e. no "TBA", "Comply", "Noted", "supplied later" ("Noted" acceptable only when Eskom informs), completed technical schedule	Technical schedules A & B	2.5	
Completed table 1 (see annexure)	Technical criteria	2.5	
TNB: The technical schedules B are provided on the Annexures of the LV ABC specifications. - Negative marking is done and a penalty of 2 % is applicable for each incorrect completion deviation. - Negative marking is done and a penalty of 3 % is applicable for each deviation from meeting Eskom specification and deviations.		Total	/5
Drawings Weight: 6			
Criteria	Clause	Weight	Score
Drawing number		0.3	
Revision number		0.3	
Dimensions		0.3	
Detailed description provided in "Title".		0.3	
Approved & date drawings		0.3	
Complete legend		0.3	
Marking of phase cores drawing		1.0	
Marking of insulated neutral core drawing		0.6	
Marking of the auxiliary core		0.6	
All conductor cores indicated		1.0	
Complete labelling of all conductors		1.0	
Negative marking and supplier loses the applicable weighting per deviation.		Total	/6

Level 2: Scoring

Packaging Weight: 5			
Criteria	Clause	Weight	Score
Are LV ABC drums manufactured in accordance with Eskom specification	240-84758170	3	
Is Marking of LV ABC drum done in accordance with Eskom specification	240-84758170	2	
Negative marking is applied, and supplier loses 10% for each deviation from Eskom specification.		Total	/5

Note:

The maximum combined score achieved for the level 1 mandatory gatekeeper requirements and the level 2 scoring phase will yield 100% compliance.

If all Stage 1 requirements are met and a final combined score lower than 100% is achieved, the tenderer will be required to ensure all non-compliant aspects are met as part of possible contract award

Stage 2: **Factory & Factory Sample Evaluation**

Factory evaluations may be required

Factory evaluations will only be conducted if the Mandatory Gatekeeper and Technical requirements are successfully met.

Factory evaluation will be conducted at Eskom's discretion.

The factory & factory sample evaluation requirements will comply with Eskom Standard 240-92934300 (clause 3.2 and 3.3) Technical Evaluation Criteria for LV ABC with Bare or Insulated Supporting Neutral.

Questions?

Thank you...