

Title: **TECHNICAL EVALUATION
CRITERIA FOR 3CR12
METERING KIOSKS**

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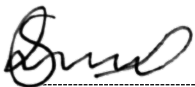
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1. Introduction

This document provides an overview of Eskom's technical requirements for an enquiry for the supply of metering kiosks manufactured from 3CR12 steel for outdoor and indoor use. This document provides an overview of the requirements for the different 3CR12 metering kiosks, and acts as an index and supplement to the detailed specification which are provided per metering kiosk product type.

This document defines the technical evaluation criteria that will be used in the enquiry for 3CR12 metering kiosks.

2. Supporting clauses

2.1 Scope

2.1.1 Purpose

This document provides information relating to an enquiry for the technical evaluation, acceptance and supply of 3CR12 metering kiosks for use in Eskom.

2.1.1.1 Metering kiosk types

The enquiry includes the following 3CR12 metering kiosks type:

Table 1: 3CR12 metering kiosks types

Item	Meter Module Type	Drawing number	SAP number
1	KSK MTR:3PH;0 KVA;DC SECURE POLE MOUNT	D-1034 rev 3	0571155

2.1.2 Applicability

This document shall apply throughout Eskom Holdings Limited Distribution and Transmission Divisions.

2.2 Normative/informative references

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

- [1] ISO 9001 Quality Management Systems.
- [2] 240-76628293 Standard for energy meter kiosks: Low-voltage for small power users (SPU).
- [3] D-DT-1004 Manufacturing drawings for single phase SPU metering kiosks outdoor.
- [4] D-DT-1002 Manufacturing drawings for three phase SPU 25 & 50kVA metering kiosks outdoor.
- [5] D-DT-1003 Manufacturing drawings for three phase SPU & LPU 100kVA metering kiosks outdoor.
- [6] D-DT- 1047 Manufacturing drawings for three phase SPU 25&50kVA metering and DC kiosks outdoor
- [7] D-DT- 1046 Manufacturing drawings for three phase SPU 100kVA metering and DC kiosks outdoor
- [8] 240-55146411 Standard for energy meter kiosks: Secure pole-top multi-way metering kiosks
- [9] D-DT-1034 Manufacturing drawings for secure pole-top Remote Access Terminal (RAT) metering kiosks.
- [10] 240-98195962 Chemical treatment and powder coating of 3CR12 metering kiosks during manufacturing.
- [11] SANS 60439 Low-voltage switchgear and control gear assemblies Part 5: Particular requirements for assemblies for power distribution in public networks.
- [12] Technical requirements, questionnaires and deviation schedules (Microsoft Excel files):
 - Technical requirements for 3CR12 metering kiosks.

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2.2.2 Informative

None

2.3 Definitions

2.3.1 General

N/A

2.3.2 Disclosure classification

Controlled disclosure: controlled disclosure to external parties (either enforced by law, or discretionary).

2.4 Abbreviations

N/A

2.5 Roles and responsibilities

This document defines the technical evaluation criteria that will be used by the Eskom technical evaluation team for the evaluation of 3CR12 metering kiosks.

2.6 Process for monitoring

None

2.7 Related/supporting documents

None

3. Project Timeframes and Deliverables

The technical evaluation will be conducted over two phases as follows:

3.1 Phase 1: Product A&B Schedules, Risk and Support

Tenderers shall be evaluated on the tender returnables (Technical schedules and Risk and Support). Tenderers which have passed the technical evaluations will be required to provide prototypes and these will be evaluated during phase 2.

3.2 Phase 2: Sample Evaluation

Only tenderers that met phase 1 requirements will be evaluated onto phase 2. The tenderers will be given at least 2 weeks to deliver the samples for evaluation at the Eskom offices. The sample must be ready for inspection 2 weeks after notification. Eskom shall notify the tenderers of the exact date and venue of the evaluation

The successful tenderers shall be required to provide a sample of the following item for technical and quality evaluations:

1. KSK MTR:3PH;0 KVA;DC SECURE POLE MOUNT D-1034 rev 3 0571155

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Note: The 3CR12 metering kiosks must be fully populated as per the SAP description, standard and drawings for inspection.

4. Tender Returnables (Technical phase 1)

Tenderers shall supply the following information:

- 1) Completed general questionnaire as listed in the Excel files for each item.
- 2) Completed technical schedules for all items tendered as listed in the Excel files for each item.
- 3) Completed risk and support questionnaire as listed in the Excel files for each item.
- 4) Data sheets, brochures and test certificates (where applicable).

5. Tender Evaluation (Technical)

Tender responses shall be evaluated using the methodology of the Preferential Procurement Policy Framework Act (05 of 2000). High level gatekeeper criteria are applicable, represented by minimum scoring thresholds.

The technical tender evaluation will comprise of a detailed technical evaluation whereby the Product A&B schedules and the Risk and Support questionnaires are evaluated, then the sample evaluations. The overall technical scoring shall be made up of scoring in the various sub-categories during the different phases of the technical evaluation as follows:

Table 2: Technical scoring breakdown

Technical Criteria	Weightings
Product A&B Schedules, Risk and Support (phase 1)	40
Sample Evaluation (phase 2)	60
Total	100
Minimum threshold for qualification	85

5.1 Phase 1 – Product A&B schedules and Risk and Support

Phase 1 shall be made up of scoring in two sub-categories and shall be adjudicated a score out of 100 as follows:

Table 3: Phase 1 scoring breakdown

Phase 1 - Technical sub-category	Weightings
Product A&B Schedules	60
Risk and Support	40
Total	100
Minimum threshold for qualification	85

Only tenderers that meet the minimum threshold for phase 1 will move onto phase 2 of the technical evaluation. Tenders that do not meet the minimum threshold shall be immediately excluded from further evaluation.

5.1.1 Phase 1- Technical Sub-Category: Product A&B Schedules

This section shall comprise scoring of the technical schedules. Major deviations to scored items shall be addressed in Sub-category: Risk and Support.

The A&B Schedules use a default weight of 1 for each scored item. Critical items are assigned higher weights. For example, a weight of 10 indicates that the item will count the same as ten items with weight 1. Each item will be assigned a score by the Eskom evaluation team based upon the tendered response and cross-checked with the supporting documents provided.

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Table 4: Scoring of items in Technical Schedules A&B

Criteria	Score
<p>Fully compliant - (Indicated as Y in A&B Schedules)</p> <p>Note: Responses which provided all the required technical information will be scored as fully compliant.</p>	3
<p>Partially compliant - (Indicated as P in A&B Schedules)</p> <p>Note: Responses which provided some of the required technical information but not all of the required information will be scored as partially compliant.</p>	1
<p>Non-compliant - (Indicated as N in A&B Schedules)</p> <p>Note: Responses which did not meet the technical requirements or where no information was provided will be scored as non-compliant.</p>	0

The score for each item will be multiplied by its weight to obtain the total score per item. All scores for the A&B Schedule will be tallied and shall be calculated based on the maximum possible score. This will be recorded as the percentage score.

5.1.2 Phase 1 – Technical Sub-Category: Risk and Support

The Eskom technical team will evaluate the risk and support capability of the supplier / product based on the Risk and Support Questionnaire as listed in the Excel file, deviations schedules and from the non-scored components in Sub-category: Product A&B Schedules. The evaluation of the risk and support of the product / tenderers shall be adjudicated a score out of 100 made up of two areas as follows:

Product Risk (60): A score derived for the product risk based on the following areas and weighted as follows:

- Installed base / time that the product has been installed (weight 30)
- Deviations from standards (weight 30)
- Ability to deliver (weight 30)
- Historical performance (weight 10)

Support (40): A score derived for support based on the following areas and weighted as follows:

- Local expertise (weight 25)
- Link between supplier / manufacturer and sub-contractors (weight 25)
- Maintenance support (weight 25)
- Spares holding (weight 25)

5.2 Phase 2 – Sample evaluations

Sample kiosks shall be evaluated and tested against the requirements of the respective specifications and allocated a score based on the criteria as listed for the individual sample kiosks. The scoring principals' applied to the Technical Schedules A&B shall apply to the sample evaluation.

6. Authorization

This document has been seen and accepted by:

Name and surname	Designation
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7. Revisions

Date	Rev.	Compiler	Remarks
November 2025	4	Sello Lekalakala	-Changed the lead time to deliver the samples -Changed the scoring
May 2024	3	Sello Lekalakala	Document amended to Limlanga cluster
March 2024	2	HPD Groenewald	Revised items and item SAP numbers
April 2018	1	HPD Groenewald	Original document

8. Development team

The following people were involved in the development of this document:

- Henri Groenewald

9. Acknowledgements

None

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