

 <b>Eskom</b>	<b>Report</b>	<b>Technology</b>
--	---------------	-------------------

Title: **TECHNICAL EVALUATION  
CRITERIA FOR ET IP ADDRESS  
MANAGEMENT SOLUTION**

Unique Identifier: **240-170000587**

Alternative Reference Number: **N/A**

Area of Applicability: **Engineering**



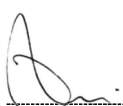
Documentation Type: **Report**

Revision: **1**

Total Pages: **7**

Next Review Date: **n/a**

Disclosure Classification: **Controlled  
Disclosure**

Compiled by	Functional Responsibility	Authorized by
		
<b>Bongani Shezi</b> <b>Senior Engineer</b>	<b>Cornelius Naidoo</b> <b>Manager Telecomms Technology and Support</b>	<b>Nelson Luthuli</b> <b>Senior Manager PTM&amp;C Engineering (Acting)</b>
Date: 23/06/2021	Date: 2021/06/24	Date: 30 June 2021

## Content

	Page
1. Introduction .....	3
2. Supporting clauses .....	3
2.1 Scope .....	3
2.1.1 Purpose .....	3
2.1.2 Applicability .....	3
2.2 Normative/informative references .....	3
2.2.1 Normative .....	3
2.2.2 Informative .....	3
2.3 Definitions .....	3
2.3.1 General .....	3
2.3.2 Disclosure classification .....	3
2.4 Abbreviations .....	4
2.5 Roles and responsibilities .....	4
2.6 Process for monitoring .....	4
2.7 Related/supporting documents .....	4
3. Technical Evaluation .....	4
3.1 Technical Evaluation Guideline .....	4
3.2 Technical Evaluation Criteria .....	5
3.2.1 Submission of technical returnable .....	5
3.2.2 Qualitative (Desktop) Evaluation Criteria .....	5
3.2.3 Product Risk (Practical) Evaluation Criteria .....	6
3.3 Final Scores and Ranking .....	7
4. Authorization .....	7
5. Revisions .....	7
6. Development team .....	7
7. Acknowledgements .....	7

## Tables

Table 1: Submission of technical returnable .....	5
Table 2: Summary of qualitative criteria .....	5
Table 3: Scoring for each clause to be evaluated .....	6

## 1. Introduction

This document covers the technical evaluation criteria for the ET IP Address Management solution enquiry.

## 2. Supporting clauses

### 2.1 Scope

The document contains the technical evaluation criteria to be used for evaluating the tender submissions for the ET IP Address Management solution enquiry.

#### 2.1.1 Purpose

This document sets out the technical evaluation criteria to be used for evaluating tender submissions for ET IP Address Management solution.

#### 2.1.2 Applicability

This document shall apply throughout Eskom Holdings Limited.

## 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] 240-106192711 Technology Roadmap for Telecoms Operational Support Systems
- [3] 240-170000369 IP Address Management Solution Functional Specification
- [4] 240-86458714 Generic Network Management Solution Standard
- [5] 240-135089195 Generic Technical Requirements for Eskom Telecoms Contracts

### 2.2.2 Informative

- [6] 240-48929482 Tender Engineering Evaluation Procedure.

## 2.3 Definitions

### 2.3.1 General

Definition	Description
<b>Submission</b>	The tender in accordance with the requirements of the enquiry
<b>Technical evaluator</b>	End-users, technical experts nominated by the end-user and Divisional technical functionaries with the necessary technical expertise.

### 2.3.2 Disclosure classification

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

## 2.4 Abbreviations

Abbreviation	Description
CFT	Cross Functional Team
CoE	Centre of Excellence
OEM	Original Equipment Manufacturer
RFP	Request for Proposal
RFQ	Request for Quotation
TET	Technical Evaluation Team

## 2.5 Roles and responsibilities

Procurement: Enquiry Process Owner

Telecommunications CoE: Lead Technical Evaluator.

## 2.6 Process for monitoring

Not Applicable.

## 2.7 Related/supporting documents

Not applicable.

## 3. Technical Evaluation

Evaluations are performed to assess a supplier's capability to enter into a contract with Eskom. This report and any actions that are listed or recommended as a result of the assessments are by no means a confirmation or guarantee that any contract will be entered into with Eskom.

Any actions undertaken by a supplier, as a consequence of this report, are for the supplier's account. Any liability for the said actions undertaken by the supplier is not transferrable to Eskom, in any way.

The evaluation team has no authority or responsibility in the decision taken by Eskom with respect to contracting for a product, solution or service.

Any statements, intentions, and/or actions expressed by the evaluation team during and after the assessment shall not be interpreted as the awarding of a contract and does not constitute any liability to Eskom with regard to contract placement or post-contract performance guarantees.

### 3.1 Technical Evaluation Guideline

A technical evaluation team (TET) will be constituted by members of the cross functional team (CFT). Each submission will be independently assessed by at least two (2) members of TET. The final Technical Evaluation Score for each submission will be the average score obtained from the independent TET members. Where there are inconsistencies between the independent TET members scores, the reconciliation of those scores will be through process outlined in section 3.4.2.3 of document 240-48929482 Tender Engineering Evaluation Procedure.

The following outlines the process that will be applied to assess submissions.

**STEP 1:** TET to assess the technical returnable for completeness per 3.2.1.

**STEP 2:** Assess submission qualitatively using the qualitative evaluation criteria in Table 2. Consolidation of the individual TET member scores to come to a single Desktop Evaluation Score (DES) per submission. If the DES is less than 70%, then it should be noted as such and cannot be evaluated any further.

**ESKOM COPYRIGHT PROTECTED**

**STEP 3 (Optional):** TET to assess the submission qualitatively using the Product Risk Evaluation Criteria as per 3.2.3. Consolidation of the individual TET member scores to come to a single Product Risk Evaluation Score (PRES) per submission.

**STEP 4:** The final Technical Evaluation Score (TES) is the average of the DES and the PRES per submission. Where no PRES is required, the TES will be the final score of the DES.

**STEP 5:** Technical Evaluation Report will recommend submissions with a TES of 70% or more.

## 3.2 Technical Evaluation Criteria

### 3.2.1 Submission of technical returnable

The technical returnable will be used to assess/score technical compliance of the submission to the technical requirement.

**Table 1: Submission of technical returnable**

Requirement/Clause(s)	Eskom's requirement statement	Supplier's compliance statement	Comments
Schedule A/B of 240-170000369 IP Address Management Solution Functional Specification	To be completed and returned/submitted with the enquiry.		
Schedule A/B of 240-86458714 Generic Requirements Specification for a Telecommunications Network Management Solution	To be completed and returned/submitted with the enquiry.		
Schedule A/B of 240-135089195 Generic Technical Requirements for Eskom Telecommunications Contracts	To be completed and returned/submitted with the enquiry.		

### 3.2.2 Qualitative (Desktop) Evaluation Criteria

The qualitative evaluation criteria will be based on the **completed Annexure A – Schedule A/B of this document**. Below is a summary of the weighted evaluation criteria that will be used to calculate the weighted scores of each tenderer.

**Table 2: Summary of qualitative criteria**

Weight (%)	Clause Weight (%)	Requirement/Clause(s)	Reference clause(s)	Comments
20	10	Technical Proposal (Solution Architecture, Disaster Recovery, Integration, Maintainability)	240-86458714, 3.1, 3.2, 3.3	HLD with BOQ (without pricing)
	5	Design Artefacts Templates (LLD, NIP, NRFU)	240-135089195, 3.2.2	Only templates are required for evaluation.
	5	Project Implementation Plan	240-135089195, 3.10	This should be specific to this tender/project, not generic.
55	5	Equipment and Product Profile	240-135089195, 3.2.7	
	30	IPAM functionality	240-170000369, 3	

**ESKOM COPYRIGHT PROTECTED**

Weight (%)	Clause Weight (%)	Requirement/Clause(s)	Reference clause(s)	Comments
	20	NMS functionality	240-86458714, 3.4	State compliance to the <b>selected clauses</b> and <b>sub-clauses</b> . Provide evidence (supporting documentation, datasheets, etc.)
25	5	Supplier 's Profile (Accreditation, Experience and Expertise	240-135089195, 3.1	State compliance to the <b>selected clauses</b> and <b>sub-clauses</b> . Provide evidence (supporting documentation, datasheets, etc.)
	10	Support and Maintenance proposal	240-135089195, 3.5	
	10	Training proposal	240-135089195, 3.8	
(100%)		(Total)		
(70%)		(Minimum threshold)		

Each of the clauses/requirements will be scored according to the following scoring table.

**Table 3: Scoring for each clause to be evaluated**

Score	(%)	Definition
5	100	<b>COMPLIANT</b> <ul style="list-style-type: none"> <li>Meet technical requirement(s) AND;</li> <li>No foreseen technical risk(s) in meeting technical requirements</li> </ul>
4	80	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> <ul style="list-style-type: none"> <li>Meet technical requirement(s) with;</li> <li>Acceptable technical risk(s) AND/OR;</li> <li>Acceptable exceptions AND/OR;</li> <li>Acceptable conditions</li> </ul>
2	40	<b>NON-COMPLIANT</b> <ul style="list-style-type: none"> <li>Does not meet technical requirement(s) AND/OR;</li> <li>Unacceptable technical risk(s) AND/OR;</li> <li>Unacceptable exceptions AND/OR;</li> <li>Unacceptable conditions.</li> </ul>
0	0	<b>TOTALLY DEFICIENT OR NON-RESPONSIVE</b>

### 3.2.3 Product Risk (Practical) Evaluation Criteria

Only suppliers that scored a DES of 70% or higher will proceed to the Product Risk Evaluation stage. This stage of the evaluation allows clarification on any risks that may have been identified in the qualitative evaluation.

**ESKOM COPYRIGHT PROTECTED**

Tenderers shall be advised of their qualification for a demonstration, and on the exact date and means of the demonstration where the supplier will have two weeks to prepare.

A questionnaire based on the risks identified during the qualitative evaluation will be submitted to tenderers during this phase of the evaluation. The questionnaire must be completed and presented to the evaluation team during the demonstration.

This evaluation may be in the form of a site visit to the supplier's designated site, or that of one of their customers, or at an Eskom site (where possible), or online meeting.

During the demonstration, the tenderer will be required to demonstrate functionality and allow the TET to use their proprietary tools. The tenderer shall also supply all equipment (including simulators) to successfully complete the demonstration items required. Eskom shall not supply any equipment. In addition to the demonstration items, tenderers have the option to include a supplementary presentation on their proposed solution. The detailed evaluation scoring table is as described in 3.

The final PRES per submission will be the average of the individual PRESs.

### **3.3 Final Scores and Ranking**

Technical Evaluation Score (TES) = Average (DES, PRES).

If no product risk evaluation was necessary, then the TES = DES.

Only submissions that obtain a final TES of 70% or higher will be recommended for further commercial evaluation.

## **4. Authorization**

This document has been seen and accepted by:

<b>Name and surname</b>	<b>Designation</b>
Cornelius Naidoo	Telecoms T&S CoE manager

## **5. Revisions**

<b>Date</b>	<b>Rev</b>	<b>Compiler</b>	<b>Remarks</b>
June 2021	1	B. Shezi	Document required for the

## **6. Development team**

- Bongani Shezi

## **7. Acknowledgements**

Not applicable.