Eskom	Strategy	Engineering

Title:	**LETHABO POWER STATION TENDER TECHNICAL EVALUATION FOR SUPPLY OF ELEMENTS TO STORES**	Unique Identifier:	
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TABLES

1. INTRODUCTION

This document outlines the criteria to evaluate the tenderes that will bid the for the supply of elements to Lethabo Power Station stores. These items are all stock numbers and must be supplied and delivered.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope involves supply and delivery to Lethabo main stores of 9 types of elements on an as and when required basis. The element list is as per below table.

Item	Material	Description
1	0054334	ELEMENT, HEATER: DIMENSIONS: DIA 56 MM X LG 1.68 M; POTENTIAL: 380 VAC; POWER: 12 KW; MATERIAL: NICR/INCONEL SHEATH; SUPPL P/N: E45054956
2	0054337	ELEMENT: DIMENSIONS: LG 41 M; MATERIAL: CU/SS; TYPE: THERMAL; REFERENCE NO: IH244; TYPE PYROTENAX; 4.25M COLD LEAD FIELD 1 AND 2; TYPE A; 380 V; POWER: 2.2 KW
3	0054340	ELEMENT, HEATER: DIMENSIONS: LG 250 MM; POTENTIAL: 230 VAC; POWER: 2 KW; MATERIAL: CR; DRAWING NO: 23.63/52796 REV 1; FOR BOILER MILL TRUNION LUBE OIL IMMERSION; A/CURRENT 50HZ; SIZE: POCKET LENGTH 260MM X ELEMENT LENGTH 240MM; 50MM BSP THREAD; SPECIFICATIONS ETS-0251
4	0054360	ELEMENT: DIMENSIONS: DIA 35 X LG 280 MM; MATERIAL: NICR; TYPE: GEYSER; ELEMENT; TYPE: WNS; 11/4 BSP;INCONEL SHEATH; POTENTIAL: 200/220 VAC; POWER: 2 KW
5	0054362	ELEMENT: DIMENSIONS: DIA 34 X LG 330 MM; MATERIAL: METALLIC/CRNI; TYPE: GEYSER; REFERENCE NO: 526; ELEMENT; CONNECTION 1-1/4 BSP; MATERIAL: NICHROME, INCONEL SHEATH; POTENTIAL: 230 VAC; POWER: 4 KW
6	0646050	ELEMENT, HEATER: DIMENSIONS: DIA 450 MM X LG 2 M; TYPE: FUEL OIL PLANT STORAGE TANK; POTENTIAL: 380 VAC; POWER: 8 KW; MATERIAL: NICR; TEMPERATURE RATING: 500 DEG C; CURRENT: 12 A; 2 STUDS CONNECTION; DIMENSION: 5CM COLD SECTION; ELEMENT GRATINGS OF 1MM HORIZONTAL & 3MM VERTICAL SPACES IN BETWEEN AS PER DRAWING NO: 23.63/57081
7	0708181	ELEMENT, HEATER: DIMENSIONS: OD 25 X LG 675 MM; TYPE: CERAMIC; POTENTIAL: 220 V; POWER: 1 KW; RADIUS: 12.5 MM; MATERIAL: C520 CORDIERITE; TEMPERATURE RATING: 100 DEG C; SPECIFICATION: ISO 14617 11; CURRENT: 4.5 A
8	0773895	ELEMENT, HEATER: DIMENSIONS: LG 2000 MM; TYPE: BUNDLE; POTENTIAL: 380 V; POWER: 70 KW; MATERIAL: INCOLOY 800; 24 X ELEMENTS 11 2 X 4400 X 2917W X 380V X 300C/E X HP ON 50; THERMOCOUPLE POCKET 9 53 X 1 22WT X 1500 TUBE GASKET 490 X 390 X 40 X 3THK; ENCLOSURE 500 X 400 X 200 MB 5040D200 G

9	0773881	ELEMENT, HEATER: DIMENSIONS: LG 2000 X WD 150 MM; TYPE: BUNDLE; POTENTIAL: 380 V; POWER: 40 KW; MATERIAL: INCOLOY 800; HEATER ELEMENT BUNDLE TOTAL ELEMENTS 15 X 2666W; MILD STEEL ENCLOSURE 300 X 300 X 200 MB3030D200 G INSERTION RUBBER GASKET 250 X 250 X 3THK; EXTENSION COLLAR ELEMENTS 016 X 1 5WT X 160 TUBE THERMOCOUPLE POCKET 09 53 X 1 2WT X 1500 TUBE; FLANGE 200NB ASA 150LB BL RF; BAFFLE SUPPORTS 08 X 1815

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This document will apply to all appointed resources involved in the evaluation.

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] 240-48929482: Tender Technical Evaluation Procedure

[2] 240-53716726 Technical Scoring Form

[3] 240-53716712 Technical Evaluation Results

2.2.2 Informative

[4] N/A

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
C&I	Control and Instrumentation
CoE	Centre of Excellence
CV	Curriculum Vitae
DCS	Distributed Control System

Abbreviation	Description
ECSA	Engineering Council of South Africa
LCP	Local Control Panel
OEM	Original Equipment Manufacturer
SCADA	Supervisory Control and Data Acquisition
SoW	Scope of Work
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

N/A as per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

3. TENDER TECHNCIAL EVALAUTION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

All mandatory criteria must be met.

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 80%.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1		
TET 2		

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Criteria	Y/N
Provides a correct drawing for all elements	

Table 2: Mandatory Technical Evaluation Criteria

Technical Criteria

All suppliers must achieve a minimum of 80% in the below criteria in order to be evaluated further

Criteria	Returnable	Weight	0-25%	26-50%	51-75%	76-100%
1	Provide orders of previous supply	20%	1 order supplied=25%	2 orders supplied=50%	3 orders supplied =75%	4 orders supplied=100%
2	Supply chain organogram detailing the OEMs and Agents of the elements to be supplied	30%	Does not show OEM or agents	Identifies at least one OEM or Agent	Identifies at least two OEM or Agent	Identifies at all OEMs and agents
3	Methodology Demonstrate ability to deliver the order and quantities required. Provide a plan	40%	methodology provided with major risk of non-delivery and increased lead time	methodology provided with major risk of non-delivery or increased lead time	methodology provided with minor risk of non-delivery and increased lead time	Detailed methodology provided with no risk of non-delivery or increased lead time
4	Leadtime	10%	Provides lead time for 0 to 25% of items	Provides lead time for 26 to 50% of items	Provides lead time for 51 to 75% of items	Provides lead time for 76 to 100% of items

3.4 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Mandatory Evaluation Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET 8	TET 9	TET 10
1.	X	X								

Table 4: TET Member Qualitative Evaluation Responsibilities

Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET 8	TET 9	TET 10
1	X	X								
2	X	X								
3	X	X								