

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 2: Qualitative Technical Evaluation Criteria

EVALUATION CRITERIA- Supply of Medupi 22KV Export System Spares- External Contractor												
Eskom												
EVALUATION CRITERIA - TECHNICAL SELECTION CRITERIA												
Item No:	KPA - Area of Evaluation	Weight (%)	KPI - Criteria Evaluation Indicator	Minimum Criteria Evaluation Requirements	Source	Unit	Scale				Score	Weighted score
							0	2	4	5		
1.	Personnel Experience and qualifications	15%	Engineering technical Ability	Technical Qualifications and Experience of individuals involved on the contract for GCB&IPB spares to positively identify, understand the function and QC the spares	Tenderer shall provide CVs of 1X Technician/Supervisor, 1X Engineer with experience on or similar to IPB&GCB plant, Power station electrical plants, functions of components on the export system plant.	15	No experience	Less than 3 yrs' experience and N3/ND/BEng/BTech technical qualification (Electrical)	3-5 yrs Experience and N3/ND/BEng/BTech technical qualification (Electrical)	5 and more yrs experience and N3/ND/BEng/BTech technical qualification (Electrical)		
2.	Company Experience	30%	Experience on similar works	Tenderer background and experience on the supply or Manufacturing or Service of Export Systems spares/components or similar as per BOM. 1. Proven record of supplying export systems spares to power stations or similar 2. Experience in working with high-voltage electrical components or similar. 3. References from previous clients within the power generation sector or similar 4. Availability of skilled personnel for technical support and consultation.	The tenderer shall provide the previous certified copies of PO/contract as proof and those copies should include the following information. ▪ Name of company where similar GCB&IPB spares and services were supplied to and accepted. ▪ Value of the PO/contract. Contact persons and contact details (reference)	30	0 references = 0%	3 or below references = 40%	4 references = 80%	5 or more references = 100%		

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3	Technical Compliance	15%	Technical Compliance	Tenderer shall demonstrate proof of technical knowledge of spares conformance to certain standards, tenderer shall ensure spares are of good material quality and adhere to standards.	Tenderer shall submit high level methodology as to how to ensure compliance with regards to but not limited to: 1. OEM specs and standards 2. IEC/IEEE /SANS Standards 3. Material quality 4. Combaibility with existing components 5. Certification & type tests for supplied components (if possible)	15	No Methodology	Methodology submitted but does not cover all areas or less than 4 of minimum items listed in source column of the sheet	Methodology submitted but covers all areas or 5 of minimum items listed in source column of the sheet		
4.	Quality Control	15%	Quality control	A high-level Quality control plan (QCP) covering all of the work to be completed as per the scope of work.(i.e identification of spares may include labelling, documentation and verification etc before dispatch)	Tenderer shall submit high level QCP document which covers the work to be executed in all areas as per the scope of work including but not limited to: 1. Identification of spares 2. Inspection of spares 3. Storage of spares 4. Packaging of spares 5. Transportation of spares 6. Offloading of spares 7. Certificates/Test reports/Data sheets of spares	15	No QCP submitted for the work areas 0%	QCPs have been submitted but does not cover all of the areas as per the scope of work or the QCPs includes less than 4 minimum items listed in source column of this sheet	QCPs have been submitted covers all of the areas as per the scope of work however only 5 or 6 listed minimum items are covered in the QCP items listed in source column of this sheet.		
5.	Compliance and documentation	10%	Compliance to User Requirement Specification	A high-level scope of the Tenderer	Tenderer shall submit a high level SOW which covers the various activities as per the scope of work and not limited to: 1. <i>Supplier</i> roles and responsibility 2. Suppliers requirements 3. Suppliers work to be performed 4. Constrains on how the <i>supplier</i> provides the spares	10	No SOW submitted	SOW submitted covers 2 of 4 work areas as per the scope.	SOW submitted covers 3 of 4 work areas as per the scope.	SOW submitted covers 4 of 4 work areas as per the scope.	

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6.	Data sheets for Non deviation from OEM Spares	15%	Ability of the tenderer to get correct spares by comparing given technical specs and datasheets from the supplier/OEM of the spares to be procured	<p>Tenderer shall submit datasheets for the following Spares as per supplied BOM:</p> <p>1. Current transformer: 27000/10A, Class 0.1, 60VA</p> <p>2. Current Transformer, Ratio 27000/10A, Class-X, V<800V</p> <p>3. Current Transformer, Ratio 27000/10A, Class-5P40, 60VA</p> <p>4. Current Transformer, Ratio 3000/1A, Class-X, 50VA</p> <p>5. Capacitor:0.26uF, insulation level: 80/150kV, Rated Voltage: 36kV, Casing: Stainless steel EN 144,04</p> <p>6. Capacitor: 0.13uF, insulation level: 80/150kV, Rated Voltage: 36kV, Casing: Stainless steel EN 144,04</p> <p>7. Surge arrester: Type POLIM-H 27N 20KA</p> <p>8. Sets of IPB Insulators (side insulator, synthetic rubber, insulator fixed thrust, insulator for tube, enclosure bellows)</p>	15	0 Datasheets submitted	4 of 8 datasheets submitted	6 of 8 datasheets submitted	8 of 8 datasheets submitted
	TOTAL SCORE								
	TAKE NOTE: ONLY TECHNICAL SUITABLE IF TOTAL SCORE IS EQUAL TO OR GREATER THAN 70%								