Eskom Generation	**Contract title**	SAFETY VALVE CONTRACT
	Employer's Agent	Khaya Hlatswayo
	Buyer	

Technical Evaluation Criteria

	Name:	Signature:	Date
Compiled by:	Corman Scheepers		2021/04/12
Verified by:	Rofhiwa Nelwamondo		2021/04/12

Weight (%)	Sections	Criteria Evaluation Indicator	Minimum Criteria Evaluation Requirements	Source	Weight	KPI's					Score
						Floor (0)	Kick in (1)	Average (2)	Stretch (3)	Ceiling (4)	%
SECTION 1: TECHNICAL REQUIREMENTS											
100%	Gate Keepers	Gate Keepers									
		The service provider to provide demonstrable evidence that the company has been in the Torsion Bar safety valve maintenance, repair and refurbishment business for an uninterrupted period of not less than 3 years	Scope carried out in the recent 3 years shall be reflective of either Tier1, Tier 2 and Tier 3 scope as defined in 240-142257054 (Technical Evaluation Standard for the Capability Assessment of Service Providers for the Refurbishment of Valves and Fittings in Eskom) section 4. Only experience within tier 3 will be acceptable.	Reference list of employers in the last 3 years. Demonstrable proof required. At least 4 certificates from various clients. Pressure should range from 0-100, 100 - 200	1	No proof provided	Demonstrable evidence provided of uninterrupted business for the last 3 years.				1
		The service provider provides demonstrable proof of valve training interventions in the last 3 years for operations personnel.	Intermediate valve training for all personnel. PER and SANS 347 training for senior technical and supervisory personnel - Minimum of 2	Certified training certificates and training register.	1	No proof provided	Demonstrable proof of training interventions received.				1
100%	Technical requirements	Technical requirements									
		Valve overhauling	Supply work procedure for dismantling and overhaul, this to include a completed QCP – procedure for Hopkinson torsion bar safety valve. Work procedure to include all points applicable to the safety valve.	Procedure & QCP	15.00%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	15.00
		Hydraulic pressure test	Supply procedure for bench testing of safety valves.	Hydraulic pressure test procedure	10.00%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	10.00
		Workshop Evaluation	Workshop evaluation to establish the contractors ability to refurbish safety valves. The service provider shall provide demonstrable evidence that the workshop facility is set up for the safe execution of the following activities: 1. Valve disassembly and cleaning 2. Valve assembly 3. Pressure and leak testing 4. Surface blast cleaning 5. Painting and coating Provide proof in a form of signed letter indicating the company's assets in the workshop relevant to the refurbishment of valves, with the following components as a minimum: 1. Lapping kits 2. Safety valve's test bench. 3. General lapping machines 4. Lathe 5. Lifting equipment and crane capacity	Signed letter indicating the company's assets. The workshop facility physical address must be provided. The service provider must be willing to allow for a workshop visit upon which the evaluation will be done.	15.00%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	15.00
		Staff qualifications & CV's The service provider to proof that they have the following personnel in their service and provide qualifications and CV's for the following personnel. All qualifications must be certified.	Company Organogram	Organogram with accountable people	5.00%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	5.00
			Engineer/Technician/ Technical manager	Certified copy of B.Eng or B.Tech degree & CV.	5.00%	Not submitted/Not certified	N/A	N/A	N/A	Certified copy submitted	5.00
			Quality control inspector: Qualification with 5 years experience	Certified copy of SAIW II certificate & CV	5.00%	Not submitted/Not certified	N/A	N/A	N/A	Certified copy submitted	5.00
			Qualified fitters: Trade test certificate with 2 years valve experience.	Certified copy of mechanical trade test certificates & CV.	5.00%	Not submitted/Not certified	N/A	N/A	N/A	Certified copy submitted	5.00
			Semi-skilled fitters: Grade 10 with 2 years valve experience. Or 5 years valve experience for those without Grade 10.	Certified copy of qualification & CV	5.00%	Not submitted/Not certified	N/A	N/A	N/A	Certified copy submitted	5.00
		Control of non conformities	1. The service provider shall establish and implement a procedure to define the controls, responsibilities and authorities for dealing with nonconformities. 2. The service provider shall identify and control nonconforming components and valve repairs to prevent use or delivery. 3. The service provider shall maintain records of the nonconformities, nature and all subsequent actions taken, including any obtained concessions.	Non conformity procedure to be provided and a sample record of a non conformity received previously detailing the action plan to address.	5%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	5.00
		Safety Valve Knowledge	Describe the importance of safety valves.	A neat document must be compiled containing all the information requested.	2.5%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	2.50
			List 3 things that must be recorded prior to stripping ta torsion bar safety valve		2.5%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	2.50
			Explain the importance of correct torsion bar installation and how this should be done.		2.5%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	2.50
			Explain the function of the needle bearings installed on torsion bar safety valves.		2.5%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	2.50
			What factor should be taken in account when selecting the correct specification grease for torsion bar safety valves?		2.5%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	2.50
			Explain the method in which a blue test is conducted on a torsion bar safety valve.		2.5%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	2.50
		Historical completed project	Data books should contain signed QIP's/QCP's with all relevant inspection reports. Pressure testing certificates, calibration certificates where applicable, qualifications of personnel etc.	A copy of a data book to be provided of a refurbishment project on torsion bar safety valves or valves forming part of tier 3 as defined in 240-142257054.	15%	Floor (0)	Kick in (25%)	Average (50%)	Stretch (75%)	Ceiling (100%)	15.00
		TOTAL SCORES FOR TECHNICAL									100
		TOTAL SCORES FOR GATE KEEPERS									2
		TAKE NOTE: ONLY TECHNICAL SUITABLE IF TOTAL TECHNICAL SCORE IS ≥75% AND GATE KEEPER SCORE IS 2									Yes