Eskom

The provision of Maintenance of the Compressor Plant at Arnot Power Station
Enquiry: E2896GXMPARNR

MANDATORY TECHNICAL EVALUATION CRITERIA:

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable
1	**Warranty Takeover**	Contractor demonstrates ability to assume existing or new warranty obligations, including maintenance, repair, and spare supply coverage. Letter of confirmation that they will assume the existing and new warrantee of all installed equipment (list equipment).
2	**Letter Confirming Supply of OEM CompAir, Ingersoll Rand and BAOFN Spares.**	Contractor must provide a formal letter confirming the ability to supply genuine OEM spares for Ingersoll Rand, CompAir and BAOFN screw compressors
3	**OEM Quality Management System**	Copy of valid ISO 9001:2015 certification

Tenderers who do not meet the mandatory technical evaluation will not be evaluated on Qualitative Technical Evaluation criteria.

QUALITATIVE TECHNICAL EVATUATION CRITERIA:

Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weight	Criteria Sub Weighting (%) / Scoring
1. Maintenance and Quality		**40%**	
1.1. Method Statement – Maintenance Approach	The Tenderer shall submit a detailed method statement demonstrating how the maintenance services will be executed in accordance with the NEC3 TSC Scope of Work. The method statement shall clearly describe preventive, predictive, corrective and breakdown maintenance, daily on-site inspections, emergency response, maintenance planning, reporting procedures, inspection after repairs, risk assessments and maintenance schedules. The method statement shall specifically address maintenance activities for the installed **Cameron TA2000 centrifugal compressors, CompAir L-Series screw compressors,**	25%	**5 = 100%** Fully compliant, detailed, equipment-specific and demonstrates full understanding of the Scope of Work. **4 = 80%** Method Statement submitted with minor omissions but adequately addresses majority of the Scope. **2 = 40%** Method Statement submitted but lacks equipment-specific maintenance activities, daily inspection requirements or important technical aspects. **0 = 0%** No submission or technically non-responsive.

	Ingersoll-Rand ML110 compressors, BAOFN screw compressors, diesel compressors, compressed air dryers, cooling systems, filters, cyclonic separators and all auxiliary equipment listed in the Scope of Work. General compressor maintenance procedures without equipment-specific maintenance activities will not be considered fully compliant.		
1.2 Quality Control Plans (QCPs)	Submit project-specific Quality Control Plans (QCPs) covering inspection and test plans, hold points, witness points, inspection frequencies, reporting requirements, acceptance criteria, responsibilities and quality assurance procedures applicable **to centrifugal compressors, rotary screw compressors, diesel compressors, air dryers, cooling systems, filters and auxiliary compressed air equipment.** Generic QCPs not aligned to the Scope of Work will receive a reduced score.	15%	**5 = 100%** Comprehensive equipment-specific QCP submitted. **4 = 80%** Acceptable QCP with minor technical risk. **2 = 40%** QCP submitted but not fully aligned to the Scope. **0 = 0%** No submission or technically deficient
2. Competencies and Technical Capability		**60%**	
2.1 Company Experience	The Tenderer shall submit verifiable evidence of maintenance experience on equipment like that installed at Eskom Arnot Power Station. Supporting documents shall include things such as completion certificates, contracts, purchase orders or service agreements, project descriptions and client references. Evidence shall clearly demonstrate maintenance of **Centrifugal compressors, Electric driven rotary screw compressors, Diesel driven rotary screw, compressed air dryers and associated cooling systems.** Experience shall be equipment-specific and verifiable minimum-10 years.	20%	**5 = 100%** Ten (10) years or more relevant experience with verifiable references covering multiple compressor technologies. **4 = 80%** Six (6)–Nine (9) years relevant experience. **2 = 40%** Three (3)–Five (5) years relevant experience. **0 = 0%** Less than three (3) years, no evidence or unverifiable references.
2.2 Key Personnel (2.2.1 to 2.2.4)	The Tenderer shall submit certified qualifications, trade certificates, OEM training certificates (where	40%	

	applicable), detailed CVs and contactable references for all proposed personnel. Personnel shall collectively demonstrate competency on centrifugal compressors, rotary screw compressors, diesel compressors, compressed air dryers and cooling systems.		
2.2.1 Site Manager	A N6 National Diploma with a Trade test in Mechanical or Electrical Engineering, OR alternatively a National Diploma in Mechanical or Electrical Engineering, and 4 years post-qualification experience in compressor maintenance. Experience shall include screw compressors, centrifugal compressors, diesel compressors, air dryers and cooling systems. **(All the above returnable are mandatory requirements. Failure to submit any of the required returnable will result in the tenderer receiving a score of zero for this criterion).**	10%	**5 = 100%** ≥5 years of relevant experience. **4 = 80%** 3–4 years **2 = 40%** 1–2 years. **0 = 0%** Incomplete or missing returnable or <1 year's experience.
2.2.2 Mechanical / Mechatronics Engineer	Following are acceptable: BTech/ BEng /BSc / Mechanical or Mechatronics Engineering. Submit qualification certificates, CV and references demonstrating compressor maintenance of minimum 5 years' experience. **(All the above returnable are mandatory requirements. Failure to submit any of the required returnable will result in the tenderer receiving a score of zero for this criterion).**	10%	**5 = 100%** ≥5 years of relevant experience. **4 = 80%** 3–4 years **2 = 40%** 1–2 years. **0 = 0%** Incomplete or missing returnable or <1 year's experience.
2.2.3 Artisan – Fitter and Diesel Mechanic	Minimum N3 Certificates with Trade Tests supported by CVs, and verifiable references demonstrate compressor maintenance experience with a minimum of 5 years. **(All the above returnable are mandatory requirements. Failure to submit any of the required returnable will result in the tenderer receiving a score of zero for this criterion).**	10%	**5 = 100%** ≥5 years' experience. **4 = 80%** 4 years. **2 = 40%** 3 years. **0 = 0%** Incomplete or missing returnable or <2 years' experience.
2.2.4 C&I Artisan and Electrician	Qualified C&I Artisan and Electrician (N3 + Trade Test) with compressor maintenance experience. Submit	10%	**5 = 100%** ≥5 years' experience. **4 = 80%** 4 years.

	qualifications, CVs and references with a minimum of 5 years. **(All the above returnable are mandatory requirements. Failure to submit any of the required returnable will result in the tenderer receiving a score of zero for this criterion).**		**2 = 40%** 3 years. **0 = 0%** < Incomplete or missing returnable or <2 years' experience.
	TOTAL	100%	**5**
	MINIMUM THRESHOLD	80%	**4**

Tenders must meet a minimum threshold of **80%** in order to be evaluated further. Tender who do not meet the minimum threshold will be deemed technically non-responsive and they will not be evaluated further.

Qualitative Evaluation Criteria Scoring:

Score	%	Definition
5	100	COMPLIANT • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirement
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS Meet technical requirement(s) with: • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions
2	40	NON-COMPLIANT Does not meet technical requirement(s) with: • Unacceptable technical requirement(s) AND/OR • Unacceptable exceptions AND/OR; • Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON_RESPONSIVE
		Note 1: The scoring table does not allow for scoring of 1 and 3 **Note 2:** Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.