

Functional Evaluation Criteria for Plant Enquiry No: Steam Generator Eddy Current Testing Services on an as and when required basis at Koeberg Operating Unit									
Mandatory Requirement	Criteria	Deliverable	Evaluation Methodology	Yes	No	[Supplier Name] Response		Eskom Comments	
	Demonstrate that the supplier Quality Management System (QMS) is certified to ISO 9001:2015, or equivalent. If supplier QMS is not certified, no further evaluation will be performed.	Copies of Management System Certification.	Yes - Valid Quality Management System Certification and/or proof of conformance supplied. No - No certificate of proof of conformance provided, or has expired.						
Item	Requirement	Deliverable	Criteria	Weighting	Rating	% Rating	% Score	[Supplier Name] Response	Eskom Comments
1. COMPANY PROFILE	Well established name in the Nuclear Industry providing SG eddy current inspection services in accordance with the PBMP doctrine.	Evidence of past experience. Company profile - a well-written profile which details what services it offers and included in the returns. Include list of similar projects/assignments to this scope, completed and on progress.	100% - Ongoing Nuclear Industry involvement and substantial SG Eddy current testing experience 75% - Nuclear Industry involvement and some SG Eddy current testing experience 50% - Nuclear Industry involvement and some SG Eddy current testing related experience 0% - No Nuclear Industry involvement or SG Eddy current testing experience	2.5%		0%	0.0%		
	Relevant references of past experience	Contactable references of previous work experiences related to the scope of the service. List of references included in returns.	100% - > 10yrs SG Eddy current testing experience 75% - > 5yrs SG Eddy current testing experience 50% - > 2yrs SG Eddy current testing experience RPV inspection experience 0% - < 1 yr SG Eddy current testing experience	1.0%		0%	0.0%		
	Availability to give technical assessments and support during the inspection intervention	Demonstrate availability and capability of technical support.	100% - Immediately responsive 75% - Within 6 hours 50% - Within 12 hours 0% - Within 24 hours	1.5%		0%	0.0%		
	TOTAL WEIGHTING			5%	NOT MEET	0%			
2. CERTIFICATION & EXPERIENCE OF KEY PERSONNEL	Appropriately skilled & qualified personnel at key operational levels	Qualification and certification of inspection personnel including previous experience of employees will be included in the returns. Detailed CV's attached.	100% -Detailed CV's of qualified personnel provided with more than 10 yrs experienced 75% - Detailed CV's of qualified personnel provided with more than 5 yrs experienced 50% - Detailed CV's of qualified personnel provided with more than 2 yrs experienced 0% - Detailed CV's of qualified personnel provided with less than 2 yrs experienced	2.5%		0%	0.0%		
	Personnel certification meets the requirements of ASME XI, 2007 Edition with Addenda up to an including 2008 (4th Interval) and 2021 Edition (5th Interval), as limited by the US Code of federal Regulations 10CFR50.55.a	NDE personnel certified to Level I and II shall be re-certified on a 3-yearly interval in lieu of the 5-yearly interval specified in ASME XI IWA-2314.	100% -Experienced qualified personnel with 3 yearly certification 75% - Experienced qualified personnel with 5 yearly certification 50% - Newly qualified personnel with 3 yearly certification 0% - Newly qualified personnel with 5 yearly certification	1.0%		0%	0.0%		
	Language proficiency (English)	Site representatives to Eskom are fluent in speaking and writing the English language	100% - All personnel communicate well in English (write & speak) 75% - Supervisory personnel communicate well in English (write & speak) 50% - Shift leaders communicate well in English (write & speak) 0% - Only site representative communicate well in English (write & speak)	1.5%		0%	0.0%		
	TOTAL WEIGHTING			5%	NOT MEET	0%			
3. RADIATION PROTECTION	Dose reduction initiatives demonstrated.	Supplier to include dose reduction initiatives implemented with the tender documents.	100% - Evidence of dose reduction practices and initiatives implemented 75% - Evidence of dose reduction practices but no targets met 50% - Procedure provided but no evidence 0% - No evidence provided	2.5%		0%	0.0%		
	Records of past interventions and good practices.	Supplier to include history of dose accumulated during previous interventions.	100% - Detailed records of dose targets met (90% to 100%) 75% - Detailed records of dose targets partially met (between 75% to 90%) 50% - Detailed records of dose targets partially met (between 50% to 75%) 0% - No records submitted	2.5%		0%	0.0%		
	TOTAL WEIGHTING			5%	NOT MEET	0%			
4. EQUIPMENT, PERFORMANCE AND LOGISTICS	Site requirements and logistical needs are clearly stipulated.	Site requirements and logistical needs are provided in tender.	100% - Detailed requirements submitted 75% - Some requirements submitted 50% - Unclear requirements submitted 0% - No requirements submitted	2.5%		0%	0.0%		
	The inspection equipment that will be used has the capability to perform the requested scope (refer to the URS) within the shortest possible window.	Inspection execution plans submitted.	100% - ≤ 4 days for inspection execution 75% - ≥ 5 days for inspection execution 50% - ≥ 6 days for inspection execution 0% - ≥ 8 days for inspection execution	10.0%		0%	0.0%		
	Proof that projected durations has been achieved before.	Proof of projected vs actual duration of previous inspection interventions submitted with the tender return.	100% - All actual durations = or < projected durations 75% - Partial Meet - Some actual durations > or = projected durations 50% - All actual durations > projected durations by 2 days 0% - All actual durations > projected durations by 5 days	5.0%		0%	0.0%		
	Equipment FME controls are well documented.	Details of FME controls used during the inspections are included in the tender return.	100% - Evidence of FME practices and initiatives Implemented 75% - Evidence of FME n practices but no targets met 50% - Procedure provided but no evidence 0% - No evidence provided	7.5%		0%	0.0%		
	TOTAL WEIGHTING			25%	NOT MEET	0%			
5. TECHNICAL ADEQUACY TO PERFORM TASK	Techniques applied, probes used and accuracy is clearly explained. Correlation with previous and future results is possible and clear.	Technique, principles and accuracy is included in the tender return.	100% - Evidence of techniques, principles and accuracy submitted 75% - Evidence of techniques and principles submitted only 50% - Evidence of techniques submitted only 0% - No evidence provided	7.5%		0%	0.0%		
	Levels of acquisition and analysis on site is well described in the tender returns.	A well structured organisation is adequately described in the tender returns.	100% - Detailed organogram submitted and well described 75% - Detailed organogram submitted only 50% - Unclear organogram submitted 0% - No organogram submitted	7.5%		0%	0.0%		
	Engineering back-up and support on indication dispositioning is available.	Engineering back-up and support is available.	100% - Immediate back up support available 24/7 75% - Back up support available within 6 hours 50% - Back up support available 12 hours 0% - Back up support available 24 hours	7.5%		0%	0.0%		
	Off site analysis of results and dispositioning of indications are well documented and available.	Analysis system and dispositioning of results are well documented in tender return. Provide proof of French PBMP qualification or Inspection system	100% - Detailed requirements submitted 75% - Some requirements submitted 50% - Unclear requirements submitted 0% - No requirements submitted	7.5%		0%	0.0%		
	TOTAL WEIGHTING			30%	NOT MEET	0%			
	Quality Management System: Demonstrate that the supplier's Quality Management System (QMS) is in compliance with the requirements of ISO 9001:2015, ASME NQA-1, or equivalent.	The returnables are: 1. Copies of Quality Management System Certification or proof of Management System compliance. 2. Quality Assurance Manual or Programme that provide a description of the processes and supporting information that reflects how processes are managed and work/operation is prepared, reviewed, carried out, recorded, assessed and improved. Examples of processes to be described can include Resource Selection, Quality Control, Receipt Inspection, Purchasing, etc.	100% - Valid Quality Management System Certification and/or proof of compliance together with Quality Assurance Manual or Programme submitted. 75% - Valid Quality Management System Certification and/or proof of compliance submitted. 50% - Quality Assurance Manual or Programme with no proof compliance submitted. 0% - No documents submitted	25%		0%	0.0%		
	Quality Control Plan (QCP) or Inspection and Test Plan (ITP) or Quality Plan : A supplier document specifying the work or production activities to be performed throughout the execution of the product realization works inclusive of test methods, procedures and acceptance criteria. (238-103 Revision 3, Section 3.2. refers).	Returnable is an example of a QCP or Quality Project Plan for a similar service or product, identifying sequential operations and indicating inspection and test points (hold and/or witness points) and areas where reports are required.	100% - Quality Control Process procedure and Quality Control Plan with all intervention points and verification of completed steps. 75% - Quality Control Process procedure and Quality Control Plan with no intervention points identified. 50% - Quality Control Process procedure only submitted. 0% - No documents submitted	25%		0%	0.0%		
	Management Responsibility: Demonstrate management responsibility with respect to leadership: 1: organisational structure to show roles, reporting lines and authority. 2: business plan, strategic direction, objectives, performance indicators and targets to show the level of performance is accomplished.	The returnable is the retained or maintained documented information for demonstrating criteria implementation. 1: Organogram demonstrating key personnel with their roles 2: KPI's and latest management review report.	100% - Personnel Qualification procedure, qualification process and example of a completed assessment of personnel. 75% - Personnel Qualification procedure and qualification process. 50% - Personnel Qualification procedure only submitted. 0% - No documents submitted	5%		0%	0.0%		

6. QUALITY	Management Responsibility: Demonstrate that change control process is managed in the organization on areas such as the company structure, staffing levels and resources that can adversely affect quality.	The returnable is the retained documented information or records demonstrating criteria implementation, e.g. Changes have been planned and risk assessment performed to determine potential consequences and impact wrt the integrity of the QMS.	100% - Required documentation submitted and conformance to requirement confirmed. 75% - Small gap in submission noted. 50% - Big gap in submission noted. 0% - No documents submitted	5%		0%	0.0%		
	Management Responsibility: Demonstrate that measures exist to control internal and external interfaces to the organisation and that adequate oversight measures are implemented.	The returnable is the maintained documented information demonstrating criteria implementation.	100% - Required documentation submitted and conformance to requirement confirmed. 75% - Small gap in submission noted. 50% - Big gap in submission noted. 0% - No documents submitted	5%		0%	0.0%		
	Management Responsibility: Demonstrate that measures exist to control externally provided processes, products and service as well as that adequate oversight measures have been implemented.	The returnable is the maintained documented information demonstrating criteria implementation, e.g. process and criteria for the evaluation, selection, monitoring of performance, and re-evaluation of external providers as well as verification of purchased products and services.	100% - Required documentation submitted and conformance to requirement confirmed. 75% - Small gap in submission noted. 50% - Big gap in submission noted. 0% - No documents submitted	5%		0%	0.0%		
	Management Responsibility: Demonstrate management commitment and accountability with respect to the achievement of QMS objectives. Provide evidence that the management review process ensures that the Quality Management System is suitable and effective with respect to quality.	The returnable is the latest management review report	100% - Required documentation submitted and conformance to requirement confirmed. 75% - Small gap in submission noted. 50% - Big gap in submission noted. 0% - No documents submitted	5%		0%	0.0%		
	Quality Monitoring: Demonstrate implementation of reviews to measure process effectiveness and opportunities for improvement with respect to quality management.	The returnable is the retained (record) documented information demonstrating criteria implementation. E.g. Internal audit or self assessment report.	100% - Required documentation submitted and conformance to requirement confirmed. 75% - Small gap in submission noted. 50% - Big gap in submission noted. 0% - No documents submitted	10.0%		0%	0.0%		
	Quality Monitoring: Demonstrate implementation of non-conformance, deviation and concession process, including disposition with provisions for customer notification and acceptance.	The returnable is the retained (record) documented information demonstrating criteria implementation. E.g. Non-conformance report.	100% - Required documentation submitted and conformance to requirement confirmed. 75% - Small gap in submission noted. 50% - Big gap in submission noted. 0% - No documents submitted	10.0%		0%	0.0%		
	Quality Monitoring: Demonstrate that adequate measures are in place to ensure that audit results and corrective actions are being resolved satisfactorily and are closed out within agreed timeline.	The returnable is the retained (record) documented information demonstrating criteria implementation. E.g. A corrective action plan accomplished (closed-out) as scheduled.	100% - Required documentation submitted and conformance to requirement confirmed. 75% - Small gap in submission noted. 50% - Big gap in submission noted. 0% - No documents submitted	5.0%		0%	0.0%		
	TOTAL WEIGHTING			100%	NOT MEET	0%			

Final Analysis				
1. COMPANY PROFILE		5%	0.0%	
2. CERTIFICATION & EXPERIENCE OF KEY PERSONNEL		5%	0.0%	
3. RADIATION PROTECTION		5%	0.0%	
4. EQUIPMENT, PERFORMANCE AND LOGISTICS		25%	0.0%	
5. TECHNICAL ADEQUACY TO PERFORM TASK		30%	0.0%	
6. QUALITY		30%	0.0%	
TOTAL		100%	0.0%	

The scoring of the Functional Evaluation is conducted as follows:
 A supplier is given a score in each of the sub-categories. These sub-categories are requirements detailed in the specification or contract. Scores are allocated as follows:

- 0 - 0% - Does not meet
- 1 - 50% - Partial meet (Large gap)
- 2 - 75% - Partial Meet (Small gap)
- 3 - 100% - Meet

The score is then summed to a weighted average per category. The category scores are analysed as follows:

0%	- 79%	- Does not meet
80%	- 100%	- Meet

Compiled by I&T for Technical: A Manie

Signature: 

Date: 2025-07-31

Compiled by ~~PQE~~ for Quality: P Zwane

Signature: 

Date: 2025-07-31

Reviewed by: V. Mars

Signature: *V. Mass*

Date: 2025-07-31