

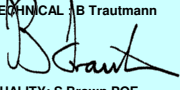


Mandatory Evaluation Criteria for Enquiry No: KBG2049 - 16001 Replacement Penetration I&C Terminals										
		Requirements	Tenderer deliverable	Eskom acceptance criteria	Response from (INSERT TENDERER NAME)	Eskom comment(s) on the tenderer's response	Rating: Yes/No			
MANDATORY EVALUATION CRITERIA	A.	The Tenderer shall have prepared nuclear Safety Related designs, involving Safety Class equipment, to the satisfaction of their clients.	References listed, including contact information of an individual at the referenced facility.	References, if contacted, provided agreeable feedback of the Tenderer.						
	B.	The Tenderer shall have installed, either directly or via sub-contractors, Safety Class Equipment or modifications to Safety Class Equipment, according to cost and time schedule criteria, and to the satisfaction of their clients.	References listed, including contact information of an individual at the referenced facility. List of Sub-Contractor companies, if used.	References, if contacted, provided agreeable feedback of the Tenderer and Sub-Contractors.						
<div>The assessment of the Mandatory Evaluation Criteria is conducted as follows:</div> <div>A tenderer is scored a YES or NO, based on their response. An assessment of "NO" for any of the criteria shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Evaluation Criteria. An assessment of "YES" for all of the criteria means that the tenderer's submission will be evaluated further against the Qualitative Evaluation Criteria.</div>										
Functional Evaluation Criteria for Enquiry No:16001 Replacement Penetration I&C Terminals										
		Requirements	Criteria	Deliverables	Weighting	Rating	% Rating	% Score	[Supplier] Response	Eskom Comments
1. TEAM EXPERIENCE AND SUITABILITY	1.1	The individuals that make up the tenderers project team (including the technical team) shall be identified and available for the duration of the project.	- An organogram is submitted. - The organogram is in accordance with the project and resource plan which enables the tenderer to meet the required deadlines.	- An organogram with the individuals that will form part of the tenderers project team (including the technical team).	15%		0%	0%		
	1.2	Each of the key individuals constituting the technical team shall have a minimum of a Bachelor's Degree (or equivalent) in a technical field, and a minimum 5 years nuclear power plant design related experience.	-Each of the key individuals constituting the technical team have a certificate showing a minimum of a Bachelor's Degree (or equivalent) in a technical field, and 5 years nuclear power plant design related experience listed on their CVs.	- CVs and certificates of the individuals constituting the technical team.	20%		0%	0%		
	1.3	The following specific competencies shall be present within the project team: • Knowledge of safety classification of Structures, Systems and Components (SSC) in the nuclear power plant; • Knowledge of the nuclear power plant design codes and standards, specifically IEEE and ASME; • Nuclear design, equipment specification, Safety Class procurement, installation and testing experience. • Project Management and processes experience.	-The CVs highlight the specific competencies that are required or the individual has been involved in areas where the competencies would have been attained. - The tenderer has specifically indicated who in the team possesses the competencies required and this is done to an adequate level.	- CVs of the individuals constituting the project team. - Written verification from the tenderer that each of the competencies has individuals in the technical team that are knowledgeable on them.	25%		0%	0%		
	1.4	The technical lead within the project team shall have the following additional experience : • Fulfilled an advanced or experienced working level at a nuclear power plant. • A minimum of 10 years Nuclear Experience; • Personal experience in the compilation of Safety Related designs; • Proficiency in the technical competencies presented in 1.3.	The individual provides proof that he has: - Fulfilled an advanced or experienced working level at a nuclear power plant; - A minimum of 10 years Nuclear Experience; - Personal previous experience in the compilation of SR designs; - Satisfy the technical criteria as required for the project team as detailed in 1.1 - 1.3.	- CV of the individual that will be the technical team lead for the duration of the project.	20%		0%	0%		
	1.5	The Project Manager shall have the following experience : • Managed turnkey projects at a nuclear power plant. • Managed at least one other turnkey project involving Safety Class equipment; • Familiarity with the competencies listed in 1.3 - can speak the "nuclear language";	The individual provides proof that he has: - Managed nuclear projects involving design and install; - Managed a project involving Safety Class equipment; - Experience with nuclear processes and terminology.	- CV of the individual who will be the Project Manager for the duration of the project.	20%		0%	0%		
		TOTAL WEIGHTING			100%	NOT MEET	0%	0.0%		
	2. VALUE ADDING TO KOEBERG	2.1	The technical and project team shall be available for regular meetings to discuss schedule and technical requirements.	- The communication plan makes the project team available for regular project and technical meetings in addition to adhoc communication when required	- Communication plan	50%		0%	0%	
2.2		The tenderer shall ensure the security of documentation sourced from Eskom necessary for completion of the works.	- The tenderer has an adequate means of securing documentation sourced from Eskom necessary for completion of the works.	- Propose a method of accessing and securely storing documentation sourced from Eskom on the tenderer's premises.	50%		0%	0%		
		TOTAL WEIGHTING			100%	NOT MEET	0%	0.0%		
3. SCOPE OF WORK: As per the works information of the contract	3.1	The tenderer shall demonstrate adequate comprehension of, and fulfil, the requirements as detailed in the works information of the Tender.	- Project plan shows a clear understanding of the scope presented in the works information. - Tabulated response to each requirement in the works information of the contract submitted and adequately complete.	- Project plan showing the key deliverables. - Provide a tabulated response to each requirement in the works information of the contract showing acceptance, rejection or qualification.	100%		0%	0%		
		TOTAL WEIGHTING			100%	NOT MEET	0%	0.0%		
4. METHODOLOGY	4.1	Location (Local supporting office)	There should be an office situated in South Africa to provide support to minimise logistical challenges.	Proof of local office in South Africa.	30%		0%	0%		
	4.2	Schedule	Schedule requirements to be met.	CPM schedule developed in compliance with AACE RP in Primavera software. AACE RP level 3 detail.	30%		0%	0%		
				Schedule to have resource assignments that will depict the number of different craft labour to accomplish project objectives.			0%	0%		
				Labour histograms to be developed and submitted based on this data.			0%	0%		
				All KEY milestone dates and major integration interface milestones to be shown under a specific Key Dates WBS.			0%	0%		
				Basis of Schedule document to be developed in accordance with AACE RP. The unique attributes of the project should be apparent in this document.			0%	0%		
				Any other tracking tools that are necessary to ensure the rules of credit are valid. This is to ensure the accurate measure of progress during the life of the project.			0%	0%		
	4.3	Implementation plan aligning with Contract milestones and plant availability.	Implementation plan to align with Contract milestones and plant availability.	Provide implementation plan demonstrating alignment with Contract milestones and provision for change to the plan to cater for delays to Koeberg plant availability.	40%		0%	0%		
Implementation plan to also include hold points which also include NNR PP-0012 requirements.						0%	0%			
	TOTAL WEIGHTING			100%	NOT MEET	0%	0.0%			
	5.1	QUALITY MANAGEMENT SYSTEM (QMS)	Demonstrate that the supplier Quality Management System (QMS) is certified to ISO 9001:2015. Demonstrate that the supplier Quality Management System (QMS) is meeting the requirements of ASME NQA-1 or equivalent. (238-102 Rev 2)	The returnables are copies of Management System Certification to ISO9001:2015 and supporting independent audit reports indicating compliance to ASME NQA-1 or equivalent.	25%		0%	0%		
	5.2	QUALITY PLANNING	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. (238-102 Rev2, Section 3.5 refers)	Returnable is an example of a QCP or Quality Project Plan for a similar service or product. QCP shall have identifying sequential operations and indicating inspection and test points (hold and/or witness points) and areas where reports are required.	25%		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: KPIs and latest management review report.	5%		0%	0%		
			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.	5%		0%	0%		

5. QUALITY ASSURANCE PROGRAMME	5.3		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 or method statement demonstrating criteria implementation.	5%		0%	0%		
			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 or method statement 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.	5%		0%	0%		
			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	5%		0%	0%		
	5.4	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 and or external audit or self assessment report.	10%		0%	0%		
			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. Procedures and Non-conformance and deviation reports.	10%		0%	0%		
			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. Procedures and a corrective action plan accomplished (closed-out) as scheduled.	5%		0%	0%		
		TOTAL WEIGHTING			100%	NOT MEET	0.0%	0.0%		

Final Analysis							
1. TEAM EXPERIENCE AND SUITABILITY				15%	0.0%		
2. VALUE ADDING TO KOEBERG				5%	0.0%		
3. SCOPE OF WORK: As per the works information of the contract				40%	0.0%		
4. METHODOLOGY				10%	0.0%		
5. QUALITY ASSURANCE PROGRAMME				30%	0.0%		
TOTAL				100%	0.0%		

The scoring of the Quality Evaluation Criteria 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 overall score for functionality criteria is analysed as follows:
0% - 79% - Does not meet
80% - 100% - Meet

NOT MEET

COMPILER TECHNICAL: B Trautmann
SIGNATURE:  2022-07-31
COMPILER QUALITY: S Brown PQE
SIGNATURE:  2022-08-01
APPROVED: J Botma
SIGNATURE:  2022-08-01