



EVALUATION CRITERIA- PUBLIC ADDRESS SYSTEM TOTAL UPGRADE PROJECT

(PART A) MANDATORY REQUIREMENTS /GATEKEEPERS

	Mandatory Technical Evaluation Criteria	Meet (YES / NO)	Motivation & Comments
1	Declaration letter confirming the work completed in a Power Station environment or an industrial environment with Public Address System and its sub components such as Power supplies, Amplifiers speakers, intelligent online monitoring systems, self-healing and fault finding systems (including Hardware / Software / Servers)		
	Result <i>Note: A response of "NO" to any of the Mandatory Evaluation Criteria would result in disqualification of the potential supplier.</i>		

GUIDELINE

- 1) The responses in this document provides the basis on which a Technical Evaluation shall be conducted on proposals / information provided by the tenderer.
- 2) In the absence of this document as part of the tender "returnable", the tenderer's proposal will be disqualified.
- 3) The tenderer shall populate each requirement with the required response.
- 4) Tenderers issuing blanket statements will be disqualified. (Detailed explanations for submissions are required).
- 5) Tenderers making statements such as "Refer to specification Sheet" or "Refer to Brochure" without providing the information in the required field/s will be disqualified.
- 6) All statements of compliance must be substantiated with supporting documents at all times.
- 7) ESKOM reserves the right to request for additional information in the form of documentation, demonstration, or product sample.

- 8) All responses with supporting documents must be clearly marked indicating which specification / requirement they refer to.
- 9) Responses with Illegible documents / writing will be disqualified.
- 10) Tenderers failing to submit additional information in whatever form (including samples, demonstrations, proof, etc.) shall be disqualified.
- 11) Tenderers who have furnished incorrect / false information will be immediately disqualified & reported.
- 12) The words "SHALL", "WILL", "SHOULD", and "MAY" are used to indicate the following:
 - a. Shall - Whenever it is necessary to express a provision that is mandatory.
 - b. Should and May - Whenever it is necessary to express non-mandatory provisions.
 - c. Will - Used to express a declaration on the part of the Employer, ESKOM.
- 13) Furthermore, each paragraph / line shall be marked by a letter indicating a particular expression as follows:
 - a. [G] - General Information
 - b. [M] - Mandatory Requirement - a certain degree of compliance is required. These requirements may serve at "Gatekeepers" during the evaluation process.
 - c. [I] - Information gives actual values, quantities or specific details.
 - d. [D] - Detail required.
- 14) Tenderers are to take note of required percentage of Mandatory Requirements to be met. Required threshold of Mandatory [M] requirements is 80%.
- 15) No part of this document shall be altered in any way.
- 16) It is recommended that tenderers include the name of their tendering organization on each page of any submitted document.

(PART B) TECHNICAL CRITERIA - TECHNICAL SELECTION CRITERIA - PUBLIC ADDRESS SYSTEM TOTAL UPGRADE PROJECT



TAKE NOTE: ONLY TECHNICAL SUITABLE IF TOTAL SCORE IS EQUAL TO OR GREATER THAN 70%

SPECIFICATION	DESCRIPTION	ESKOM'S MIN. TECHNICAL REQUIREMENTS	WEIGHTING	SUPPLIER'S STATEMENTS OF COMPLIANCE AND SUPPORTING REFERENCE
2	MANDATORY QUALIFIERS (GATEKEEPERS)			20%
2.1	OEM letterhead to be furnished Accreditation: The contractor shall be accredited by the respective OEM for the proposed Voice Evacuation system product. Proof of valid accreditation on official letterhead.	[M] - Compliance Required	50%	
2.2	SABS Test Report & Data sheet/s shall be supplied for PH30 Fire/Alarm cable.	[M] - Compliance Required	30%	
2.3	Construction Product Directive (CPD) certification from an accredited Notified Body & data sheets shall be supplied for speakers where required.	[M] - Compliance Required	20%	
3	TECHNICAL SPECIFICATION COMPLIANCE OF SUPPLIED MATERIAL (As per 240-64720986 EMERGENCY PREPAREDNESS PUBLIC ADDRESS SYSTEM – FOR LARGE AREA DEPLOYMENT specifications)			20%
3.1	Fire Alarm Cable	[M] - Compliance Required	10%	
3.2	Horn Speakers	[M] - Compliance Required	20%	
3.3	Ceiling Speaker	[M] - Compliance Required	20%	

3.4	Box / Cabinet Speaker W/O Attenuator	[M] - Compliance Required	10%	
3.5	Box / Cabinet Speaker C/W Attenuator	[M] - Compliance Required	10%	
3.6	Bi-Directional Speaker	[M] - Compliance Required	10%	
3.7	Fibre Optic Cable	[M] - Compliance Required	20%	
4	TECHNICAL COMPLIANCE OF CONTRACTOR DESIGNS (As per 240-64720986 EMERGENCY PREPAREDNESS PUBLIC ADDRESS SYSTEM – FOR LARGE AREA DEPLOYMENT specifications)			35%
4.1	Proposed design in compliance with Eskom specified standards.	[M] - Compliance Required	30%	
4.2	Evaluation of Proposed Design			
4.2.1	Schematic provided for complete proposed design depicting interconnections between all components. (Note that the suppliers may require to perform a site / plant walk down when required. This is in order to obtain a proper drawing of the proposed Public Address system)	[M] - Compliance Required	10%	
4.2.2	Datasheets provided for all components of proposed design.	[M] - Compliance Required	15%	
4.2.3	Feasibility of proposal.	[M] - Compliance Required	20%	

4.2.4	Use of non-propriety HMI.	[M] - Compliance Required	5%	
4.2.5	Power Supply redundancy considerations	[M] - Compliance Required	10%	
4.2.6	Amplifier redundancy considerations	[M] - Compliance Required	10%	
5 PROFESSIONAL EXPERIENCE IN INSTALLATION & COMMISSIONING OF VOICE EVACUATION SYSTEMS 10%				
5.1	<p>Experience based score:</p> <p>Proof of successful completion of a Public Address management system as per EN54-4 specifications at a power station or an industrial environment</p> <p>The potential contractor shall provide the following documents while submitting the tender:</p> <ol style="list-style-type: none"> 1) Schedule of Technical Compliance 2) Design drawings and data sheets 3) Method Statement 4) Draft Schedule 5) Reference sites where the public address management systems where successfully installed / implemented. 			
5.1.1	No previous projects		0%	
5.1.2	Between 1 & 2 previous projects.	PROOF OF SUCCESSFULLY COMPLETED PREVIOUS PROJECTS TO BE SUBMITTED.	25%	
5.1.3	Between 3 & 4 previous projects.		50%	
5.1.4	Between 4 & 5 previous projects.		75%	
5.1.5	6 or More than 5 previous projects.		100%	

6	SAFETY HEALTH ENVIRONMENTAL AND QUALITY (SHEQ)			15%
6.1	ITPs & QCPs: The contractor shall supply sample ITPs/ & QCPs for all activities in the specified scope.	[M] - Compliance Required	25%	
6.2	A comprehensive Method Statement shall be submitted as part of the tender returnable	[M] - Compliance Required	25%	
6.3	The Method Statement shall be evaluated & scored on the following:			
6.3.1	Environmental Considerations		10%	
6.3.2	Quality Considerations		10%	
6.3.3	Implementation Methodology		20%	
6.3.4	Implements to be used for implementation.		10%	

Approval	Name(Print)	Unique number	Signature	Date
Requested by: Senior Engineer C&I Engineering	Aju Joseph	4191281		06/05/2021
Approved by: C&I Engineering Manager	Katlego Mangope	3966017		06/05/2021