

	Briefing Note	Document Identifier	240-120475928	Rev	4
		Effective Date	09 November 2016		
		Review Date	July 2026		

Classification	Clarification to Tender Documents	Date	11 October 2024
----------------	-----------------------------------	------	-----------------

For Attention	All Tenderers	Clarification No.	17
---------------	---------------	-------------------	----

From	Procurement & Supply Chain Management	Contact Number	073 8512254 makhubtc@eskom.co.za
------	---------------------------------------	----------------	-------------------------------------

Subject	Upgrade of the Heating, Ventilation, and Air Conditioning (HVAC) System at Matimba Power Station		
---------	--	--	--

No	Reference to SoW	Discipline	Query	Eskom Response
1.		LPS	External Static Pressure for each fan, ESP Pa.	External Static Pressure (ESP) for each fan is a function of detailed design. ESP of 750 Pa is to be used for tendering purposes.
2.		LPS	Is control panel external, meaning supply by others? This is the most common scenario for chilled water AHUs.	Yes the control panel is external. HVAC System Controls requirements for each area had been detailed by the Works Information
3.		LPS	No on coil conditions are provided. Please specify. Alternatively, can we assume the return air (RA) conditions as 26 °C DB / 50 % RH to calculate on coil conditions? Please advise.	"On coil (°CDB/°CWB): 25.9 / 16.1 Off (°CDB/°CWB): 12.8 / 10.9"
4.		LPS	Please confirm – pre filter G4, post filter F7 (bag type)	Yes AHUs are to be fitted with pre filter G4 washable primary air filters and disposable secondary (bag type) air filters (to 85% Dust Spot Efficiency - EU7).
5.		LPS	What differential pressure switch should we allow for 200-1000 Pa, or 50- 500 Pa?	50 - 500 Pa

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No

	Briefing Note	Document Identifier	240-120475928	Rev	4
		Effective Date	09 November 2016		
		Review Date	July 2026		

No	Reference to SoW	Discipline	Query	Eskom Response
6.	Page 23, of Invitation to Tender (ITT)	Electrical	Request clarity on the type of documentary evidence is wanted see item 3 of the technical evaluation	Eskom's response will follow in due course.
7.	Page 22, of Invitation to Tender (ITT)	LPS	Request for Appendix A of Technical Evaluation Strategy	Appendix A to G of the technical evaluation strategy is available on tender bulletin under clarification No 18.
8.	Page 22, of Invitation to Tender (ITT)	LPS	The bidder requests the form title as "Appendix A" listed below. The appendices provided do not have the same file name references. Request for Appendix A of Technical Evaluation Strategy	Appendix A to G of the technical evaluation strategy strategy is available on tender bulletin under clarification No 18.
9.	Page 47, of Invitation to Tender (ITT)	Electrical	The bidder requests the form title as "Appendix C" listed below. The appendices provided do not have the same file name references. Request for Appendix C of Technical Evaluation Strategy	Eskom's response will follow in due course.
10.	Page 48, of Invitation to Tender (ITT)	Electrical	The bidder requests the form title as "Appendix D" listed below. The appendices provided do not have the same file name references. Request for Appendix D of Technical Evaluation Strategy	Eskom's response will follow in due course.
11.	Page 48, of Invitation to Tender (ITT)	Electrical	The bidder requests the form title as "Appendix G" listed below. The appendices provided do not have the same file name references. Request for Appendix G of Technical Evaluation Strategy	Eskom's response will follow in due course.

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No

	Briefing Note	Document Identifier	240-120475928	Rev	4
		Effective Date	09 November 2016		
		Review Date	July 2026		

No	Reference to SoW	Discipline	Query	Eskom Response
12.	Page 51, of Invitation to Tender (ITT)	C&I	The bidder requests the form title as "Appendix E" and "Appendix F" listed below. The appendices provided do not have the same file name references. Request for Appendix E and F of Technical Evaluation Strategy	The Contractor must submit these documents to the Employer as a deliverable for either, Completion or starting, of the applicable Activity
13.	Page 1, of Invitation to Tender (ITT)	Procurement	Compulsory Site Clarification meeting. The bidders confirms that only one member/company of the JV/Consortium was required to attend the compulsory site visit to represent the JV/Consortium attendance.	Yes, one member/company of the JV/Consortium was required to attend the compulsory site visit to represent the JV/Consortium attendance.
14.	Page 23, of Invitation to Tender (ITT)	LPS	On the tender documentation it states SARACCA membership to be mandatory. Do we need to be SARACCA members and submit proof at tender stage, r do we just need SAQCC registered technicians?	Yes. Tenderer has to be a SARACCA member and has to submit proof at tender stage.
15.	Page 100 to 114	Configuration Management	Site drawings. I noticed that drawings were made available, but I missed the links, would it be possible to make them available again for download. All drawings listed on the WI.	Download the drawings by clicking the following link (or copying and pasting it into your web browser) https://zendto.eskom.co.za/pickup?claimID=rbgxHKFsuzCtEVCN&claimPasscode=hwhmRDHa43T8f7f9&emailAddr=102729 HVAC Drawings and FDS Termination drawings Claim ID: rbgxHKFsuzCtEVCN Claim Passcode: hwhmRDHa43T8f7f9

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No

	Briefing Note	Document Identifier	240-120475928	Rev	4
		Effective Date	09 November 2016		
		Review Date	July 2026		

No	Reference to SoW	Discipline	Query	Eskom Response
				Please note you have 21 days from 08 October 2024 to retrieve the drop-off; after that the link above will expire.
16.	Page 96 to 10	LPS	Standards. Could you please make the Eskom standards available as listed on Table 8: List of Applicable Standards and Codes	Download the Standards by clicking the following link (or copying and pasting it into your web browser) https://zendto.eskom.co.za/pickup?claimID=4sgkHwsBzdrHiows&claimPasscode=eq6HutNEFTFT3Faj&emailAddr=102789 Standards Claim ID: 4sgkHwsBzdrHiows Claim Passcode: eq6HutNEFTFT3Faj Please note you have 21 days from 08 October 2024 to retrieve the drop-off; after that the link above will expire.
17.		MCC	Desired on coil air temperatures Db/Wb or DB/RH for each AHU	"On coil (°CDB/°CWB): 25.9 / 16.1 Off (°CDB/°CWB): 12.8 / 10.9"
18.		LPS	Air cooled chillers and DX units require filters on condenser side. Pleated filters when getting even 50% dirty will have too much pressure drop for the condenser fans to handle, suppliers do not manufacture units with custom fans meant for	Air cooled chillers and DX units with wider fin spacing is acceptable.

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No

	Briefing Note	Document Identifier	240-120475928	Rev	4
		Effective Date	09 November 2016		
		Review Date	July 2026		

No	Reference to SoW	Discipline	Query	Eskom Response
			that pressure. We could provide you with an air cooled system with no filters but a wider fin spacing so the coils don't clog up as quickly, please confirm	
19.		LPS	"2. AHU casing insulation material, is polyurethane a requirement or could polystyrene be used"	Polyurethane
20.		LPS	The additional 8x 150kW AHU that should be provided, where should they be installed, or will they be delivered on site for Eskom to use later?	These additional units will be installed as part of the contract to unit 3 to 6 MV and LV rooms to provide the required standby detailed by table 12 to 15 of the Works Information. And these units are included into the list of AHU listed on the attached spreadsheet (Matimba HVAC Upgrade-Major Equipment List)
21.		Contract Management	Could we claim and get paid in full for equipment delivered on site but not yet installed? If yes does Eskom then take responsibility for the security and storage of these items until installation?	
22.		LPS	"Please clarify total quantity of the following items, suppliers are getting enquiries for vastly different numbers of the following items a. Air cooled chillers b. Water cooled chillers c. Chilled water AHU d. DX AHU e. DX Rooftop unit (including compressors)"	Refer to attached Matimba HVAC Upgrade-Major Equipment List

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No

	Briefing Note	Document Identifier	240-120475928	Rev	4
		Effective Date	09 November 2016		
		Review Date	July 2026		

No	Reference to SoW	Discipline	Query	Eskom Response
23.		SDL&I	The CSDG, instead of applying workforce training throughout the project, would Eskom allow the same budget to be used as scholarships for high school learners to go to a local college/university? If yes what would be more beneficial, sending fewer pupils and ending up with higher qualifications (NGF6 or 7) or more pupils and having lower qualifications like N4	Unfortunately, NO Bursaries or Scholarship are allowed. Companies should have their own Bursary Programmes. Our Skills Development requirements are to assist graduates to become Artisan, Technicians and Professionals, etc.
24.		Configuration Management	What is the standard timeframe for Eskom to review/accept sent documentations like equipment submittals, shop drawings, contracts.	Section 7.3 Document Submission of the WI states that the Employer will have 14 calendar days to review all documentation received from the contractor. the contractor will also have 14 calendar days to review. in essence, all reviews are to take place in the 28 day cycle.
25.		LPS	is there a requirement to replace any chilled water piping, valves, strainers.	620kw chillers are to be replaced with 720kw chillers. Therefore, the existing piping, valves, strainers, pumps, etc are to be replaced with new that will match the new chillers (as per the design of the designer)

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No