

 Eskom	Tender Questions and Answers	Document Identifier	240-7124948	Rev	1
		Effective Date	01 April 2023		
		Review Date	April 2031		

To whom it may concern	Date	26 August 2026
	Enquiries	Tintswalo Pataka
	E-mail address	PatakaT@eskom.co.za

Dear Sir/Madam

Request for Enquiry Number	E2818GXMPARNR
Description Project Title	Provision Of Air Heater Air in Leakage Test and Pulverized Fuel Sampling on Coal Pipes at Arnot Power Station for the Period of Five (5) Years
Tender Questions Closing Date	09 September 2026

Item	Questions	Answers	Clarity Published Dates
1.	Equipment quantities and proof of ownership Clarification question: The machine quantities specified in the technical requirements appear high. The bidder has experience of carrying out this type of work and currently possesses some of the required equipment. The bidder intends to procure the balance of the equipment should the tender be awarded. Will Eskom consider accepting a letter of intent from the bidder's current supplier instead of proof of ownership?	Eskom response: The requirement for gas analysers will be reduced to a minimum of four (4) gas analysers. The bidder shall submit the following for each of the four gas analysers: • Proof of ownership; • Valid calibration certificate; and • Service/maintenance record. A supplier's letter of intent will not replace the requirement for proof of ownership of the four gas analysers. The requirement is necessary because the air-in-leakage test requires multiple simultaneous gas measurements, particularly across the air-heater gas inlet and outlet, to establish representative oxygen concentrations under the same stable operating conditions.	26 August 2026

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2.	Is the testing required to be carried out simultaneously using multiple teams or can the work be executed one test at a time sequentially?	Eskom response: The testing may be conducted sequentially, provided that the required measurements for the specific test are taken simultaneously where necessary. For each air-in-leakage test, the bidder shall ensure that: • The generating unit is stabilised at the specified test load before measurements commence. • Unit load, excess O₂, air/gas flows, temperatures and air-heater operating conditions remain reasonably stable during the test. • Multiple simultaneous O₂ readings are taken at the applicable upstream and downstream sampling locations, particularly across the air heater. • A stable measurement period of approximately 30–60 minutes should be maintained for the routine air-in-leakage assessment, subject to the applicable station procedure, OEM requirements and/or relevant performance-test standard i.e. ASME_PTC_4.3 • Where operating conditions fluctuate significantly during the test, the measurement period shall be extended or the test repeated to obtain representative results. Air-heater air-in-leakage will be determined from the change in flue-gas oxygen concentration across the air heater.	26 August 2026
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3.	Could you please provide the number of ports along with dimensions and clarify whether the measurements are required to be carried out using single-probe or multi-probe arrangements for leakage test?	Eskom response: The available sampling points at Arnot Power Station are as follows: <table> <tr> <th>Sampling Location</th><th>LH</th><th>RH</th><th>Total</th></tr> <tr> <td>Economiser Outlet</td><td>12</td><td>12</td><td>24</td></tr> <tr> <td>Air Heater Inlet</td><td>6</td><td>6</td><td>12</td></tr> <tr> <td>Bag Filter Inlet</td><td>10</td><td>10</td><td>20</td></tr> <tr> <td>Bag Filter Outlet</td><td>8</td><td>8</td><td>16</td></tr> <tr> <td>ID Fan Discharge</td><td>2</td><td>2</td><td>4</td></tr> </table> The bidder shall provide a suitable sampling arrangement capable of obtaining representative flue-gas measurements across the gas-flow cross-section. For the air-heater leakage test, the sampling methodology shall allow the required upstream and downstream O₂ measurements to be taken simultaneously under the same stable unit operating conditions. Where multiple sampling ports are available across a duct, measurements shall be taken from sufficient representative locations to account for possible O₂ stratification and non-uniform gas distribution. Note: Sampling-port dimensions and probe insertion requirements shall be confirmed against the actual installed sampling points/site arrangement prior to testing.	Sampling Location	LH	RH	Total	Economiser Outlet	12	12	24	Air Heater Inlet	6	6	12	Bag Filter Inlet	10	10	20	Bag Filter Outlet	8	8	16	ID Fan Discharge	2	2	4	26 August 2026
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4.	What is closing time of the tender	09 September 2026 at 10h00am	26 August 2026																								

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