



AGRICULTURAL RESEARCH COUNCIL  
NATURAL RESOURCES AND ENGINEERING  
(Agricultural Engineering Campus)

Private Bag X519, Silverton, 0127

CLIENT REPORT

**Specification for Extractor fan for  
NRE Laboratory @ Silverton**

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October 2022

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AE Project No:  
Pilot report

## Background

ARC NRE want to install 2 extractor fans to extract polluted air out of a building.

### 1.1 GPS information of installation

- GPS coordinates: -25.731118° 28.276944°

### 1.2 Photos of building where extractor fan must be installed

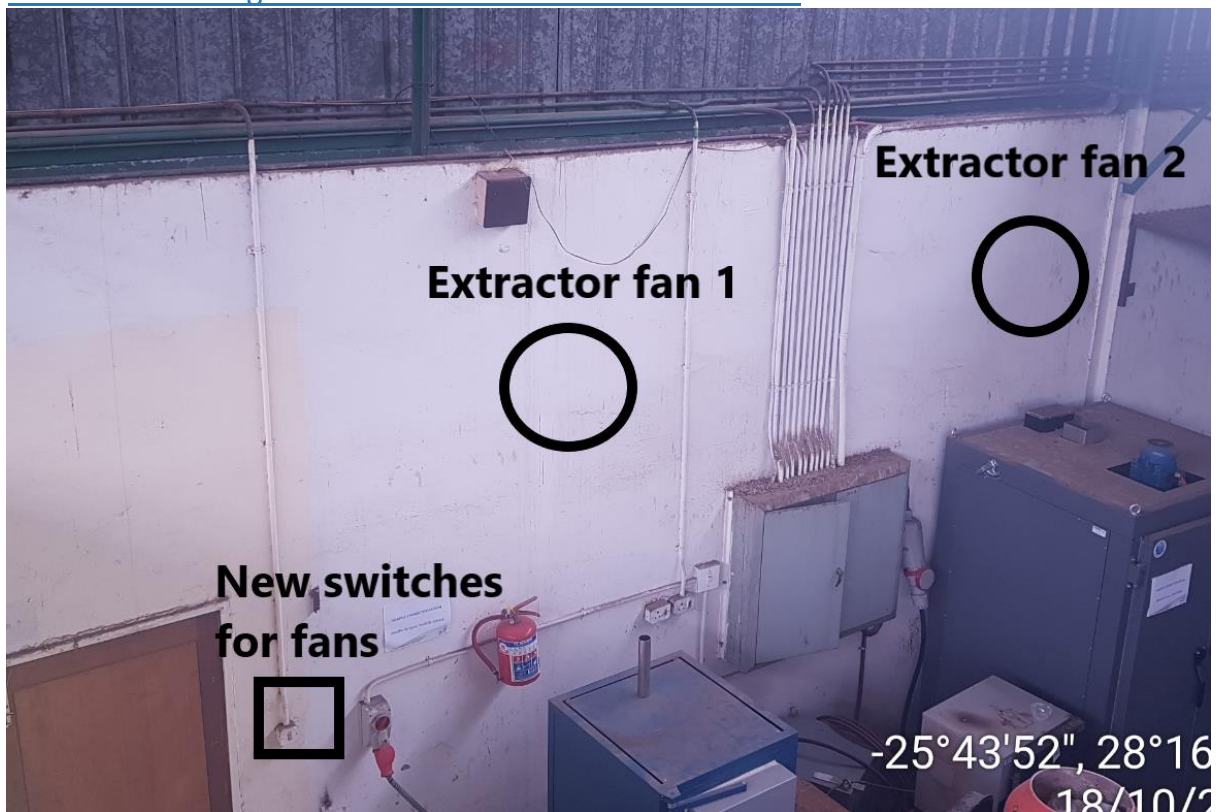


Photo: Indication of extractor fans and switch

## SCOPE OF SERVICES REQUIRED

<b>Install 2 extractor fans in brick wall</b>	<b>Indicate Compliance to TOR's by ticking Yes or NO</b>	
	<b>Yes</b>	<b>No</b>
<p><b><u>Specification of extractor fan</u></b></p> <ol style="list-style-type: none"> <li>1) Single or three Phase</li> <li>2) 500mm Diameter plate mounted fan.</li> <li>3) Blades and fan housing manufacture with steel</li> <li>4) Simular or equil to:  <a href="https://acdirect.co.za/product/tempadair-tpm-plate-mount-fans-550mm-dia/">https://acdirect.co.za/product/tempadair-tpm-plate-mount-fans-550mm-dia/</a></li> <li>5) <a href="https://tempadair.co.za/wp-content/uploads/2019/09/TPM.pdf">https://tempadair.co.za/wp-content/uploads/2019/09/TPM.pdf</a></li> <li>6) Minimum 400 watt motor</li> <li>7) Minimum 1m³/100Pa air flow</li> <li>8) (±R7000 each)</li> </ol>		
<p><b><u>Installation</u></b></p> <ol style="list-style-type: none"> <li>9) Complete installation on brick wall with Weather louvre on outside of building</li> <li>10) Hole in brick to accommodate fan. Do not mount to zinc facade to minimize sound resonance.</li> </ol>		
<p><b><u>Electrical connecting to DB board</u></b></p> <ol style="list-style-type: none"> <li>11) All Wire must be need mounted in steel trunking or steel conduit pipe</li> <li>12) Complete with waterproof switch for each fan next to entrance door of hall</li> <li>13) COC electrical before final payment will be consider</li> </ol>		
<p><b><u>Warrantee</u></b></p> <ol style="list-style-type: none"> <li>14) 12 Month warrantee on fans and workmanship</li> </ol>		

<p><b><u>Site cleaning &amp; safety</u></b></p> <ul style="list-style-type: none"> <li>• The site must be clean at all times.</li> <li>• The Contractor is liable for the safety of his workers and work conditions according to the OHS act.</li> <li>• The Contractor is responsible to keep all equipment safe.</li> <li>• Remove all building rubble and clean site after completion of work before final payment can be considered.</li> </ul>		
15)		

### 1.1 STAGE 3:

## 2. ANNEXURE A: RECOMMENDATION LETTER

RECOMMENDATION LETTER FORMAT	
<p>Bidder's Letterhead</p> <p>We are submitting a bid for the contract described below. We appreciate your assistance and effort in completing, on your letterhead, the reference as set out below on your experience with us.</p> <p><b>Installation of 2 industrial Extractor fans</b></p>	
Reference Letterhead	Reference Legal Name
The name of the company you are giving a reference for	
Describe the Contract / Project work and/or Service the above bidder provided to your organisation:	
Project period (start date)	
Project period (end date)	
Project cost that the bidder was responsible for (Vat Inc)	
Please rate the above bidder according to the following criteria by ticking the relevant column and providing comments / details in the space provided below if relevant:	

Criteria	Doesn't meet requirements	Meets requirements	Exceeds requirements
Project was completed within <b>budget</b>			
Project was completed within the required <b>time frame</b>			
The bidder understood and delivered successfully on the <b>scope of work</b>			
Professionalism			
Quality of workmanship			
Quality of materials used / adherence to given specifications			
Availability of company resources			
Overall Impression / Satisfaction with bidder			
Further details on any of the points above, or any other comments			
Number of times used in the past years			
Would you use the provider again	Yes / No		
Completed by:			
Designation:			
Signature:			
Company Name:			

Contact Telephone Number:	
Date:	