



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:  $-25.731118^{\circ}$   $28.276944^{\circ}$

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

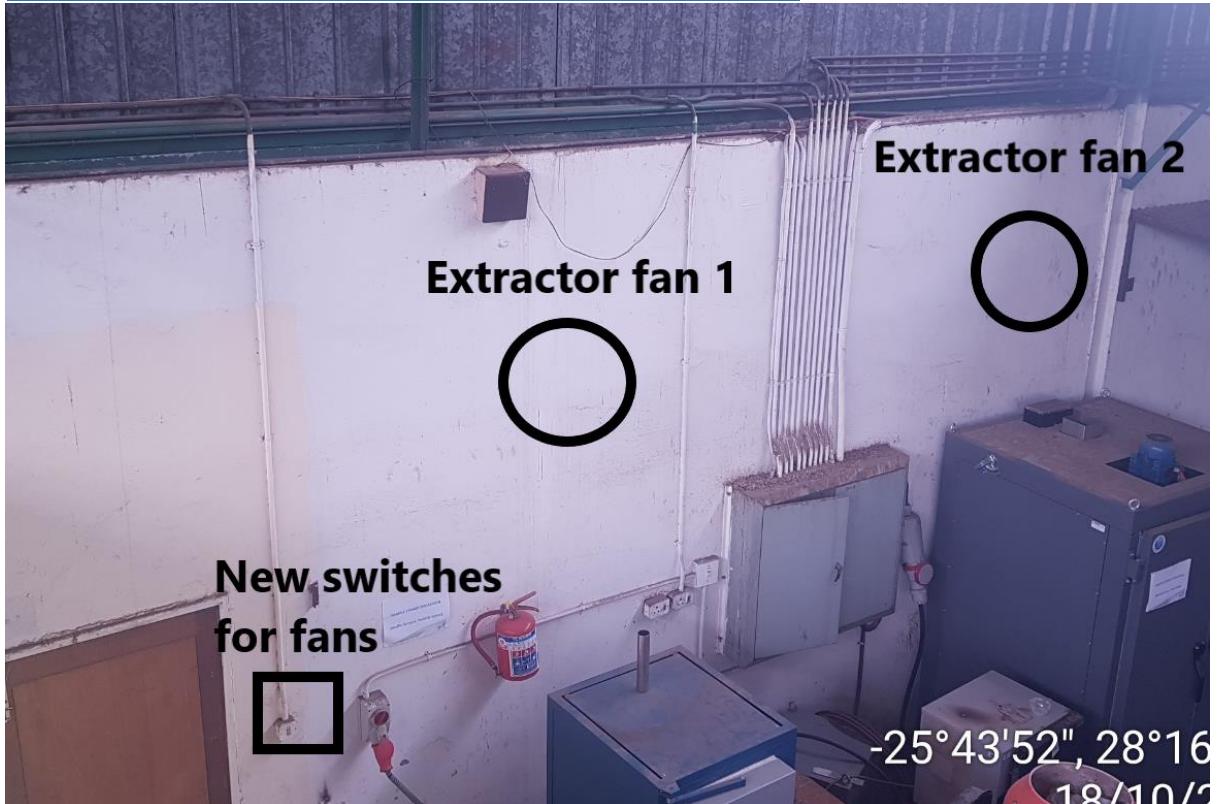


Photo: Indication of extractor fans and switch

## SCOPE OF SERVICES REQUIRED

<b>Install 2 extractor fans in brick wall</b>	Indicate Compliance to TOR's by ticking Yes or NO	
	Yes	No
<b><u>Specification of extractor fan</u></b>		
<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) Similar or equal 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 1m<sup>3</sup>/100Pa air flow</li> <li>8) (±R7000 each)</li> </ol>		
<b><u>Installation</u></b>		
<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>		
<b><u>Electrical connecting to DB board</u></b>		
<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>		
<b><u>Warranty</u></b>		
14) 12 Month warranty on fans and workmanship		

<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><b>Bidder's Letterhead</b></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>	
<p>Reference Letterhead</p>	<p>Reference Legal Name</p>
<p>The name of the company you are giving a reference for</p>	
<p>Describe the Contract / Project work and/or Service the above bidder provided to your organisation:</p>	
<p>Project period (start date)</p>	
<p>Project period (end date)</p>	
<p>Project cost that the bidder was responsible for (Vat Inc)</p>	
<p>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:</p>	

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:	