



**Terms of Reference (TOR)
for the Appointment of a Service Provider to
purchase and install aircon (from 12000 BTU upwards) for
the Research wet laboratory at KZNSB**

1) Purpose

To purchase and install one new aircon for room in the RMD wet-lab.

2) Motivation

The room in question (Room1) currently holds a scientific freezer and fridge that is used on a continuous basis. The aircon is needed to control the temperature of this room that gets extremely hot as it is situated between the laboratory and offices. The main reason for the request of an aircon is that the increase in temperature in this room is setting off the alarms on the scientific freezer and fridge that are currently in this room. We have attempted using an old existing aircon but this aircon is extremely old and is not working to cool the room down. It has also stopped working on many occasions. Aircon Requirement: CIDB: EB1 grade.

Please note that the following specifications must be strictly adhered to:

- Eco-friendly
- Single Phase
- Timer
- Available from 12000 BTU upwards
- Cooling/heating
- Climate control
- Room 1 dimensions stipulated below.
- Warranty of at least 2 years. Leave us the end users with relevant warranty information as well as who to contact if we should have problems with the unit
- Installation of the aircon must be included.
- each air-conditioned unit is to draw its required electrical power form wall sockets situated in the room.
- The above aircon needs to be placed on the left side or front wall of an existing scientific freezer that already occupies this room. We would therefore prefer suppliers to measure and see the room for themselves before quoting/and or installing.

Room 1 dimensions are:

- -wall to wall 4,300m
- ceiling-floor-2,700m