

## PART 4: SITE INFORMATION

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**1.1. General description**

The Matimba Power Station is located approximately 13km west of the town of Lephalale along Nelson Mandela Drive within the Limpopo Province of South Africa.

Figure 1 below illustrates the approximate locations of all C&I rooms affected by the C&I Replacement project:

Figure 1:C&I Room Locations



The Unit Equipment Rooms and Control Rooms are located at the 16m and 20m levels of the auxiliary bay, respectively. The Unit Computer Room is located inside of the equipment room and contains the computer/server equipment for the specific Unit Control Systems. The region shaded in yellow as illustrated in Figure 1 below, indicates the position of the auxiliary bay spanning across all six Units at Matimba Power Station. The common station server room is presently situated inside the Unit 3 and Unit 4 Equipment rooms. The simulator is located at the Simulator building shown in red.

**1.2. Existing buildings, structures, and plant & machinery on the Site**

## MATIMBA POWER STATION MV SWITCHGEAR REPLACEMENT PROJECT – PACKAGE 1

The Matimba Power Station infrastructure is inclusive of various buildings, structures, plant, and machinery. Laydown areas with its relevant water and electrical hoop-up points will be presented at clarifications sessions during the enquiry.

**1.3. Subsoil information**

No earthworks are required by this contract.

**1.4. Hidden services**

Matimba Power Station has many hidden services to support the Power Station, which includes, but is not limited to underground water piping, trenches, cabling, gas lines, etc.

**1.5. Other reports and publicly available information**

Not applicable.

**1.6. 6. Weather Data**

Typical seasonal conditions at Matimba Power Station:

- Summer average temperatures: 38 degrees C dry bulb, 20 degrees C wet bulb
- Winter: 4 degrees C dry bulb, 2 degrees C wet bulb
- Atmospheric pressure: 1000 mBar
- Altitude: 877m