

<b>C4: CONDITIONS ON SITE</b>
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**C4.1 GEOTECHNICAL**

Tenderers must satisfy themselves as to the nature of materials to be excavated under this contract.

No responsibility is accepted for any conclusions drawn by Tenderers from the results and information supplied (if any) and Tenderers must satisfy themselves as to the nature of materials to be excavated under this contract. Tenderers are at liberty to excavate any further trial holes or to carry out other investigations to satisfy themselves as to the nature of the ground that will be encountered in carryout the Works, provided that they advise the Engineer of their intention to carry out such further trial hole excavations or other investigations so that the necessary safety requirements can be ensured. Any trial hole excavated in areas close to pedestrian or vehicular traffic shall be barricaded and shall be backfilled immediately after inspection of the soil conditions.

The Tenderer shall be fully liable for any claims for losses, damage or injuries whatsoever arising out of, or as a consequence of, carrying out trial hole excavations for the purpose of his tender. Furthermore, the Engineer's authority for the carrying out of any exploratory excavations is subject to the Tenderer indemnifying the Employer and the Engineer against any such claims.

**BIG 5 HLABISA LM – REFURBISHMENT AND AUGMENTATION OF WATER SUPPLY SCHEME IN WARD 1, 2, 3 & 4**

**C4.2 ATMOSPHERIC/CLIMATIC**

Altitude above sea level	20 m
Ambient temperatures	Maximum : 40°C Minimum : -4°C 24 hour Average Max : 30°C
Maximum relative humidity	100%
Environmental atmosphere	Dusty and corrosive
Lightning	Severe

Extension of time will be considered for abnormal rainfall. The numbers of days per month on which work is expected not to be possible as a result of normal rainfall, and for which the Contractor shall make provision in his tendered rates, prices and programme, are listed in Table C4.2.1 hereafter. Only the number of days lost as a result of adverse weather conditions, exceeding the number of days listed in Table C4.2.1, will qualify for consideration of extension of time.

Saturdays when no work is programmed, Sundays and the special non-working days as listed in the Contract data shall be considered as non-working days.

**Table C4.2.1: Expected Number of Working Days Lost per Month due to Normal Rainfall**

Calendar Month	Expected No of Working Days Lost Due to Normal Rainfall	Average Monthly Rainfall (mm)	Calendar Month	Expected No of Working Days Lost Due to Normal Rainfall	Average Monthly Rainfall (mm)
January	2.8	128	July	0.1	6
February	2.3	81	August	0.4	15
March	1.7	66	September	0.5	29
April	1.4	42	October	1.6	56
May	0.5	26	November	1.9	79
June	0.2	10	December	2.3	90

During the execution of the Works, the Engineer's Representative will certify a day lost due to abnormal rainfall and adverse weather conditions only:

- if no work was possible on the relevant working day on any item which is on the critical path according to the latest approved construction programme; or
- if less than 30% of the work force and plant on site could work during that specific working day.

Extension of time as a result of abnormal rainfall and adverse weather conditions shall be calculated monthly being equal to the number of working days certified by the Engineer's Representative as lost due to rainfall and adverse weather conditions, less the number of days allowed for as in Table C4.2.1, which could result in a negative figure for certain months. The total extension of time as a result of abnormal climatic conditions, for which the Contractor may apply, shall be the cumulative algebraic sum of the monthly extensions. Should the sum thus obtained be negative, the extension of time shall be taken as nil.

**MHLATHUZE WATER**  
**CONTRACT NO MW/70/3/2022/2023/01**

**BIG 5 HLABISA LM – REFURBISHMENT AND AUGMENTATION OF WATER SUPPLY SCHEME IN WARD 1, 2, 3 & 4**

**C4.3 LOCALITY PLAN**

#### **C4.4 ENVIRONMENTAL**

The Contractor will be responsible for environmental control on site during construction and the maintenance period. The construction activities will be monitored by an environmental specialist.

**C4.5 NAMEBOARD DRAWING**

**C4.6 STANDARD DETAILS REDUCED DRAWING**