

BLOUBERG LOCAL MUNICIPALITY
PROJECT NO. BM07/17/18
CONSTRUCTION OF MAMEHLABE CRECHE

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AB004	SEPTIC TANKS				
1	EARTHWORKS : SEPTIC TANK				
1.1(LIC)	Excavation (measured 0,5m beyond wall perimeter with 1:1,5 side slopes and 0,55m below structure invert level) and use for backfill at 90% MOD AASHTO density, around septic tank or dispose of, as ordered within 0,5km freehaul distance of septic tank site	m³	35		
1.2	Extra over item 12.1.1 for:				
(LIC)	a) Intermediate material	m³	25		
(LIC)	b) Hard rock excavation	m³	10		
2	EARTHWORKS : PIPE TRENCHES				
2.1(LIC)	Excavate in all materials for trenches, backfill and compact, including disposal of surplus or unsuitable material for septic tank disposal drains	m³	105		
3	CONCRETE WORK				
3.1	Formwork				
3.2(LIC)	Smooth off shutter horizontal, Floor slab	m²			
3.3(LIC)	Smooth off shutter horizontal, underside roof slab	m²	2		
3.4(LIC)	Boxed-out openings all as per drawing	no	2		
3.5	Concrete				
(LIC)	a) Blinding layer - 50mm thick in prescribed mix 15 mpa concrete below septic tank	m²	1		
(LIC)	b) Strength mix 25/19 concrete in septic tank floor, walls and roof	m³	3		
4	BUILDING WORK				
	Brickwork				
(LIC)	a) 230mm brickwork with type FBS bricks both sides in manhole walls	m²	25		
(LIC)	b) 115mm brickwork	m²	4		
	c) Mortar for plastering(internal)	m²	38		
	d) Apply epoxy paint (internal)	m²	38		
5	PIPE LAYING				
	Supply, lay, joint and test 110DN corrugated radial rib profile, drainage & sewer pipe:				
(LIC)	a) 200mm dia. Sewer pipe & manholes	m	100		
5	VIP TOILET				
6(LIC)	<u>Pit latrine toilet as indicated on drg</u>	sum	1		
5.1	Digging of Pit	m³	8		
	150mm concrete for foundation	m³	2		
5.2	Brickwork:				
5.2.1	Pit lining with 220mm brickwork	m²	15		
5.2.2	220mm Superstructure Brickwork	m²	18		
5.2.3	1. 5m T- shaped wall in front complete with 350mm deep foundation	m²	5		
5.3	Steel window frame SD1 as per drawing with 2mm glazing	No	2		
5.4	Plastering inside and outside	m³	46		
5.5	Roofing				
5.5.1	Supply and install roof pine wall plate	m	7		
5.5.2	10 gauge wire ties secured under three course of bricks	m	5		
5.5.3	Supply and install 0.6mm galvanised corrugated iron sheet fixed with 12 screws per sheet	m²	7		
5.6	Supply and install door steel frames with solid wooden door with locking system	No	2		
5.7	Supply and install ventilation pipes of 2.3m height	No	2		
5.8	Supply and install Plastic Pot	No	2		
5.9	Painting				
5.9.1	Apply one merit undercoat (colour to be decided on site)	m²	46		
5.9.2	Apply two coats Plascon polvin (colour to be decided on site)	m²	46		
TOTAL CARRIED FORWARD TO SUMMARY					