

**BLOUBERG LOCAL MUNICIPALITY**  
**PROJECT NO. BM06/22/23**  
**CONSTRUCTION OF MONGALO CRECHE**

ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>1200</b>		<b><u>GENERAL REQUIREMENTS AND PROVISION</u></b>				
B12.01		Provision for a Community Liaison Officer				
		(a) Provisional sum for the payment and training of the Community Liaison Officer	Prov Sum	1	19,500	R 19,500.00
		(b) Handling cost and profit in respect of subitem B12.01(a)	%	R 19,500.00		
B12.02		Provision for cost of attending Steering Committee meetings				
		(a) Provisional sum for the payment of travel cost incurred by Steering Committee members for attending Steering Committee meetings	Prov Sum	1	4,375	R 4,375.00
		(b) Handling cost and profit in respect of subitem B12.02(a)	%	4,375		
B12.03		Construction works nameboard	No	1		
B12.04		Training				
		(a) Provision for Generic skills	Prov Sum	1	50,000.0	Rate only
		(b) Provision for Technical skills	Prov Sum	1	50,000.0	Rate only
B12.05		<b>PROVISSIONAL SUM STATED BY THE ENGINEERS</b>				
		(a) Provision for closing ceremony	Prov Sum	1	30,000.0	R 30,000.00
		(b) Provision for Geotechnical Investigation	Prov Sum	1	32,500.0	R 32,500.00
		(c) Provision for Topographical Survey	Prov Sum	1	15,000.0	R 15,000.00
		(d) Provision for Enviromental Impact Assessment	Prov Sum	1	26,875.0	R 26,875.00
		(e) Provision for Compensation to Landowners	Prov Sum	1	30,000.0	R 30,000.00
		(f) Provision for SHE Rep	Prov Sum	1	14,500.0	R 14,500.00
		(g) Handling cost and profit in respect of subitem B12.05 (a-f)	%	R 148,875.00		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>1300</b>		<b><u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u></b>				
B13.01		The Contractor's general obligations:				
		(a) Fixed obligations	L/Sum	1		
		(c) Time-related obligations	Month	4		
		<b>NOTE:</b>				
		<b>The combined total tendered for subitems B13.01 (a), (b) and (c) shall not exceed 15% of the Tender Sum, (excluding VAT).</b>				
B.13.02		Occupational Health & Safety				
(a)		Preparation of Health & Safety Plan	L.Sum	1.00		
(b)		Compilation of a Risk Assessment prior to commencement of Construction.	L.Sum	1.00		
(c)	LI	Health & safety induction training of employees	L.Sum	1.00		
(d)	LI	Compilation and keeping up with date the Health & Safety file which shall include all documentation required in terms of the Act including COVID 19 . Implementation of the health and Safety plan over the entire construction period	Month	4.00		
(e)		Personal Protective Equipment for EPWP labour force				
		i) EPWP labour force: Your rate to include all below item and	No	20		
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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<b><u>BUILDING WORKS</u></b>				
		<b><u>FOUNDATION</u></b>				
		<b><u>PREAMBLES</u></b>				
		For preambles see "Specifications of material and methods to be used - PW371				
		<b><u>SUPPLEMENTRY PREAMBLES</u></b>				
		<b><u>Site clearance</u></b>				
1	LIC	Removing rubbish, debris, vegetation, hedges, shrubs, digging up and grub large trees not exceeding 200mm girth, bush etc	m <sup>2</sup>	350		
		<b><u>EXCAVATION, FILLING ETC</u></b>				
		<b><u>Excavation in earth not exceeding 2m deep</u></b>				
2	LIC	Trenches	m <sup>3</sup>	55		
		<b><u>Extra ovrwr trench and hole excavation in earth for excavation</u></b>				
3	LIC	Soft rock	m <sup>3</sup>	11		
4	LIC	Hard rock	m <sup>3</sup>	8.25		
		<b><u>Filling etc.</u></b>				
5		Backfilling from the excavations to trenches and holes compacted to 90% modified aashto density	m <sup>3</sup>	45		
6		Earth filling from the excavations to under floors, steps, pavings, etc compact	m <sup>3</sup>	112.5		
7		Imported earth filling supplied by the Contractor and brought onto	m <sup>3</sup>	112.5		Rate Only
		<b><u>Keeping excavations free of water</u></b>				
8	LIC	Keeping excavation free of all water other than subterranean water	m <sup>3</sup>	55		
		<b><u>Prescribed density test on filling</u></b>				
9	LIC	"Modified AASHTO Density" test	no	4		
		<b><u>COMPACTION</u></b>				
10	LIC	To bottom and sides of trenches etc	m <sup>2</sup>	110		
		<b><u>SOIL POISONING</u></b>				
11	LIC	Underfloors etc including forming and poisoning shallow furrow against foundation wall etc, filling in furrows and ramming	m <sup>2</sup>	225		
		<b><u>REINFORCEMENT</u></b>				
		Steel bar reinforcement to structural concrete work				
1	LIC	a) In footings	ton	3		
	LIC	b) Mesh Ref 193	m <sup>2</sup>	238		Rate Only
		<b><u>CONCRETE</u></b>				
1	LIC	Blinding layer - 75mm thick (20 Mpa)	m <sup>3</sup>	20.4		
<b>TOTAL CARRIED FORWARD</b>						

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL BROUGHT FORWARD</b>						
2	LIC	<b><u>25MPa /19mm concrete</u></b> In footings to walls cast against excavated surfaces, stepped and levelled	m <sup>3</sup>	17		
3	LIC	Cast in slab mass concrete	m <sup>3</sup>	15		
4	LIC	Apron around the builsing on slab including formwork and finishing	m <sup>3</sup>	5		
5	LIC	Ramps	m <sup>3</sup>	2		
<b><u>BRICKWORK IN FOUNDATION</u></b>						
1	LIC	Brickworks	m <sup>2</sup>	122		
<b><u>COMPACTION</u></b>						
1	LIC	Compaction of the surface bed	m <sup>2</sup>	225		
<b><u>TEST CUBES</u></b>						
		Allow for preparing a set of three concrete strength test cubes, each size 150 x 150 x 150mm, sending them to an approved Testing laboratory for testing and paying all charges in connection therewith	Sets	4		
<b>TOTAL CARRIED FORWARD TO SECTION SUMMARY</b>						

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<b><u>SUPERSTRUCTURE</u></b>				
		<b><u>BRICKWORK (NFP)</u></b>				
		<b><u>Brickwork of NFP bricks in class II mortar</u></b>				
1	LIC	Two brick wall	m <sup>2</sup>	323		
2	LIC	One brick wall	m <sup>2</sup>	134		
		<b><u>WATER PROOFING</u></b>				
		For preambles see "Specifications of material and methods to be used - PW371"				
		<b><u>DAMP-PROOFING OF WALLS AND FLOORS</u></b>				
		<b><u>One layer of 375 micro " Consol plastics Brikgrip DPC" embossed damp proof course in walls</u></b>				
1	LIC	PVC damp course 114 SABS Black	no	2		
2	LIC	PVC damp course 228 SABS Black	no	3		
3	LIC	under surface beds,ramps: 250 Micro Consol plastic gunplas USB GREEN (Water proof membrane sealed at laps by gunplas pressure	m <sup>2</sup>	238		
		<b><u>BRICKWORK SUNDRIES</u></b>				
		<b><u>Brickwork reinforcement</u></b>				
1	LIC	Brick force 2.8X75mm 20MT SABS	m	500		
2	LIC	Brick force 2.8 X 150mm 20M SABS	m	1180		
3	LIC	115mm Wide reinforcement built in horinzotally (internal)	m	2000		
4	LIC	150mm Wide reinforcement built in horizontally (external)	m	2000		
5	LIC	10mm Expansion joint around the perimeter filled by treated bitumen	m	200		
6	LIC	100mm steel float concrete surface bed casted on bays of not more than 3000mm.	m <sup>2</sup>	238		Rate Only
		<b><u>BRICKWORK</u></b>				
1	LIC	Windows sills sloping and slightly projecting outside	m	65		
2	LIC	Brick lintels on 230mm brick wall	m	30		
3	LIC	Brick lintels on 110mm brick wall	m	14		
		<b><u>Masonry Plastering</u></b>				
4	LIC	Mortar for plastering(internal & external for the whole building)	m <sup>2</sup>	742		
		<b><u>CONCRETE IN SUNDRIES</u></b>				
		<b><u>Finishing top surface of concrete rough with a wood float</u></b>				
5	LIC	Surface beds, slabs, etc to falls	m <sup>2</sup>	225		
<b>TOTAL CARRIED FORWARD TO SECTION SUMMARY</b>						

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL BROUGHT FORWARD</b>						<b>R0.00</b>
6	LIC	<u><b>ROUGH FORMWORK (DEGREE OF ACCURACY III)</b></u>  <u><b>Rough Formwork to sides:</b></u> Edges, risers, ends and reveals not exceeding 300mm high or wide (class F2 rough)	m	20		Rate Only
7	LIC	<u><b>MOVEMENTS JOINTS ETC</b></u> <u><b>Expansion joints with bitumen impregnated softboard between vertical concrete and brick surfaces</b></u>  15mm Joints not exceeding 300mm high	m	20		Rate Only
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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<b><u>PLUMBING AND DRAINAGE</u></b> <b><u>PREAMBLES</u></b>				
		For preambles see "Specification of material and methods to be used- PW371"				
	<b>LIC</b>	<b><u>PLUMBING</u></b>				
1		Provide plumbing complete with fittings (bends, inspection eyes, gate valves and chambers) and finishes and connection to Septic tank system (external)	Sum	1		
2		Supply and install complete WC with class "A' heavy duty toilet seats and fittings to water and waste .	no	1		
3		Supply and install complete paraplegic WC with class "A' heavy duty toilet seats and fittings to water, waste and grab rails	no	4		
4		Supply and install "Ferreiras" or similar approved wash hand basins complete with pedestal water fittings and waste fittings, plugs, traps and connect to waste pipe	no	7		
5		Supply and install complete SS Deb sink 1200 x 460 dominox D/IN with all fittings	no	1		
6		Supply and install Urinal flat back white shanks with flush Master Complete	no	2		
7		Supply and install Bath white 1700 chanel with handles complete with fittings and Taps	no	1		
8		Supply and connect to cold water 15mm "Cobra" type taps to wash hand basins	no	4		
9		Supply and connect to cold and Hot water 15mm "Cobra" type Bath Mixer taps to Bath room	no	1		
10		Supply and connect to cold and Hot water 15mm "Cobra" type Zink Mixer taps to Kitchen room	no	1		
11		9kg Fire Extinguisher	no	1		
12		f) Kwikot 250 Litre Megaflo "i" Dual electric water heater (Code : MF150-D2-2A-l) complying with SABS 151-2002, overall size 1075 x 530 x 530mm high fitted with isolator switch, operating at 600kPa with temperature and pressure control valve including 20mm female draincock with inlet compression. Geyser to be installed horizontally in roof space with 1560 x 560mm polyethylene drip tray (Code : GSTP-1650) and 22mm pipe work including two 22mm vacuum breakers (Code : KH4.200CX) installed on hot and cold water supply. Installation to include a 22mm 600kPa Kwikot Mono pressure control valve (Code : KH3.116), all in accordance with SANS 10254, connected to single phase electrical power supply.	no	1		
13		Supply and install SABS appoved Toilet roll holder	no	5		
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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<b><u>ELECTRICAL WORK INSTALLATION</u></b>				
1		Allow provissional sum amount for the all the Electrical Instalation	PC Sum	1	60000	R 60,000.00
2		Handling cost and profit in respect of subitem 1 above	%	R 60,000.00		
3	<b>LIC</b>	Eskom electrical connection	P/Sum	1	40000	R 40,000.00
3		Handling cost and profit in respect of subitem 3 above	%	R 40,000.00		
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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<b><u>METALWORK</u></b>				
		<b><u>PREAMBLES</u></b>				
		For preambles see "Specification of material and methods to be used- PW371"				
		<b><u>DOORS and WINDOWS</u></b>				
		<b><u>STEEL WINDOWS</u></b>				
		<b><u>Standard residential windows</u></b>				
1		C2F H/Duty window NTY or similar	no	3		
2		C7 H/D window frame NTY or similar	no	12		
3		E1 H/D window frame NTY or similar	no	7		
		<b><u>PRESSED STEEL DOORS FRAMES</u></b>				
		<b><u>1.2MM Rebated frames suitable for one brick walls</u></b>				
1		MER Door F/L F/B 1613 x 2100	no	1		Rate Only
2		MER Door F/L F/B 813 x 1219	no	1		Rate Only
3		Door 1613 x 2100 x 230 1.6 mm NTY	no	1		
4		Steel Door frame 813 x 2100 x 230 1.6mm	no	7		Rate Only
5		Steel Door frame 813 x 2100 x 115 3 10R/H & 3L/H	no	18		
6		Door solid 914 x 2100 Masonite	no	11		
7		H/C Mesonite Door 813 x 2100	no	10		
		<b><u>BUTTLERS</u></b>				
		Supply and install bugler doors:				
1		On Steel Door frame 813 x 2100 x 230 1.6mm	no	18		
2		On Steel of a mimum sizes of atleast 1022mm		15		
3		On Steel of a mimum sizes of atleast 900 mm		1		
4		On Steel of a mimum sizes of atleast 533mm		6		
		<b><u>IRONMOGERY</u></b>				
		<b><u>PREAMBLES</u></b>				
		For preambles see "Specification of material and methods to be used- PW371"				
		<b><u>LOCKS</u></b>				
		<b><u>"Approved"</u></b>				
1		DCLSA Naples 2levers lockset SABS	no	21		
<b>TOTAL CARRIED FORWARD TO SECTION SUMMARY</b>						

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
		<b>TOTAL BROUGHT FORWARD</b>					
1	LIC	<p><b>ROOF MATERIAL</b></p> <p><b>ROOF TRUSSES</b></p> <p><b>Pre-fabricated metal connected timber roof trusses</b>  All trusses shall be fabricated by an approved truss manufactureer who hold a current cerificate of Competence awarded by the insitution for timber Construction</p> <p><b>Descriptions of Pre-fabricated timber roof trusses</b>  Descriptions of trusses shall be deemed to include all necessary splays cut ends,mitres,joining,wrought and shape ends,Connections,bolts,cleats,gussets and timber connectors,plate connectors, clips etc.  Tendered rates must make provission for the aforesaid as no additional claims in this regards will afterwards be entertained</p> <p><b>Timber</b>  Timber for trusses to be South African softwood and shall be in accordance with the grades as defined is SANS specification</p> <p><b>Bolts</b>  Bolts shall be in accordance with BS 4190 OR SABS 135</p> <p><b>Shear plates,tooth connectors and split rings</b>  Shear plates,tooth connectors and split rings shall be in accordance with BS 1759:1960 and installed in accordance with the CSIR publication HOUT 468," The Design , Manufacturing and Erection of Timber trusses"</p> <p><b>Truss Design</b>  All trusses must be designed a registered professional Engineer ("Design of Timber structures").</p> <p>Truss Loading  The design shall include for all live loads, wind loads and dead</p> <p><b>Workshop drawing,design and erection Certificate</b>  It shall be expected of the Contractor to submit the necessary workshop drawing,design and erection certificates and obtain neceray approval in this respect</p> <p>Construction/Installation of roof trusses complete,aluminium foil insulation etc</p>	Sum	1			
		<b>TOTAL CARRIED FORWARD TO SECTION SUMMARY</b>					

ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
		<b>TOTAL BROUGHT FORWARD</b>					
1		0.6mm "Klip-Lok Light Industrial" galvanised troughed sheet steel with "Global coat " finish one side, fixed to roof members as described complete under a five year huarantee by an approved firm of specialist, all in accordance with the materials supplied and methods employed by the Manufacture.					
		Roof covering with pitch no exceeding 25 degrees fixed to timber purlins complete with all required falshings	m <sup>2</sup>	268			
		Technicrete or simillar Double Roman	no	3200		Rate Only	
		Technicrete Tapered Ridge	no	192		Rate Only	
		Technicrete Hip Starters	no	8		Rate Only	
		Oxide	no	6		Rate Only	
		<b>TOTAL CARRIED FORWARD TO SECTION SUMMARY</b>					

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<b><u>CEILING, PARTITION AND ACCESS AND FLOORING</u></b>				
		<b><u>PREAMBLES</u></b> For preambles see "Specification of material and methods to be used- PW371"				
		<b><u>CEILING ETC</u></b> <b><u>Sawn softwood</u></b>				
1	LIC	38 x 114 mm Ceiling joist (Provisional)	m <sup>2</sup>	238		
2		Nutec Ceiling 3.6 X 1.2 X 4 mm	no	61		
3	LIC	Skirting	m <sup>2</sup>	238		
		<b><u>Wrought softwood</u></b>				
4		19 x 76mm Cornice nailed	no	180		
		<b><u>NAILED UP CEILING AND SCREWED UP CEILING</u></b> <b><u>4mm "Everite Nutec" fibre-cement boards with standard H-type pressed steel jointing strips</u></b>				
5	LIC	Ceilings including 38 x 38mm sawn softwood brander at 400mm centres	m <sup>2</sup>	238		
6	LIC	Sloping ceilings including 38 x 38mm sawn softwood brander at 400mm centres.	m <sup>2</sup>			Rate only
7		Extra over ceiling for opening for 610 x 610mm trap door of 50 x 76mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening.	no	4		
		<b><u>TILING</u></b> <b><u>Supply and install Ceramic tiling (to SABS specification) on floors, toilets and kitchen</u></b>				
1	LIC	Floor Tiling (300x300)	m <sup>2</sup>	225		
2		Wall Tiling (150x150)	m <sup>2</sup>	83		
<b>TOTAL CARRIED FORWARD TO SECTION SUMMARY</b>						

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<p><b><u>PAINTWORK</u></b>  <b><u>PREAMBLES</u></b></p> <p>For preambles see "Specification of material and methods to be used- PW371"</p> <p><b><u>PAINTWORK ETC TO NEW WORK</u></b>  <b><u>ON FIBRE CEMENT</u></b>  <b><u>One acrylic filler coat and two coats polyacrylic emulsion paint:</u></b></p>				
1	LIC	On ceilings	m <sup>2</sup>	238		
		<p><b><u>ON METAL</u></b>  <b><u>Spot priming defects in pre-primed surfaces with zinc chromate primer and applying one undercoat and two alkyd enamel paint on steel:</u></b></p>				
2	LIC	On door frames	m <sup>2</sup>	6		
3	LIC	On windows	m <sup>2</sup>	5		
4	LIC	On gates, grillers, burglar screen, balustrades etc (both side measured over the full flat area)	m <sup>2</sup>	7		
		<p><b><u>ON WOOD</u></b></p>				
5	LIC	On doors	m <sup>2</sup>	35		
6	LIC	On skirting, rails etc not exceeding 300mm girth	m	300		
		<p><b><u>ON WALLS</u></b></p>				
7	LIC	Supply paint and paint walls with two coats Plascon Expression (colours to be confirmed)	m <sup>2</sup>	742		
<b>TOTAL CARRIED FORWARD TO SECTION SUMMARY</b>						

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<b><u>GLAZING</u></b>				
		<b><u>PREAMBLES</u></b>				
		For preambles see "Specification of material and methods to be used- PW371"				
		<b><u>GLAZING WITH PUTTY</u></b>				
		<b><u>4mm Clear float glass</u></b>				
1	LIC	Panes exceeding 0.1 m <sup>2</sup> and not exceeding 0.5m <sup>2</sup>	m <sup>2</sup>	30		
		<b><u>4mm Rough cast glass</u></b>				
2	LIC	Panes exceeding 0.1 m <sup>2</sup> and not exceeding 0.5m <sup>2</sup>	m <sup>2</sup>	7		
		<b><u>Finish</u></b>				
		Provision for Plaque	no	1		
<b>TOTAL CARRIED FORWARD TO SECTION SUMMARY</b>						

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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Bill No		<u>SECTION SUMMARY</u>	<u>Pg No</u>			<u>Amount</u>
		<b><u>Building Works</u></b>				
1		Foundation	1			
2		Super structure	3			
6		Plumbing and drainage	5			
7		Electrical work	6			
8		Metalwork	10			
9		Roof Material	11			
10		Ceiling, Partitioning and access flooring	13			
11		Paintwork	14			
12		Glazing	15			
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ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>AB006</b>		<b><u>FURNITURE</u></b>				
<b>1</b>		<b><u>OFFICE EQUIPMENTS</u></b>				
		Chairs	No	10		
		Tables	No	4		
		Cupboards	No	3		
		2000 litres Regrigerater	No	1		
		Kitchen Built-in cupboard complete as per layout	Sum	1		
		Four plate Defy stove	No.	1		
<b>2</b>		<b><u>CHILDREN FURNITURE</u></b>				
		Chairs	No	65		
		Tables	No	40		
		Charts	No	15		
		Toys	Sum	1		
		Green and black boards	No	2		
		Water proof Kids Matresses	No	30		
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<b>AB002</b>		<b>FENCING</b>				
		<b><u>WELDED MESH FENCE</u></b>				
B1.01	<b>LIC</b>	Supply to erect the fence with all sundries as details specified in drawing (BM06/22/23/TD/10) including concrete 25 MPa.	m	200		
		<b><u>GATE</u></b>				
B1.02		Supply and install gates with all sundries as specified.				
	<b>LIC</b>	a) Main gate (BM06/22/23/TD/10).	no	1		
	<b>LIC</b>	b) Padestraine gate (BM06/22/23/TD/10)	no	1		
<b>TOTAL CARRIED TO SUMMARY</b>						

**BLOUBERG LOCAL MUNICIPALITY**  
**PROJECT NO. BM06/22/23**  
**CONSTRUCTION OF MONGALO CRECHE**

ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>AB004</b>		<b><u>SEPTIC TANKS</u></b>				
<b>1</b>		<b><u>EARTHWORKS : SEPTIC TANK</u></b>				
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	m <sup>3</sup>	35		
1.2		<u>Extra over item 12.1.1 for:</u>				
	LIC	a) Intermediate material	m <sup>3</sup>	25		
	LIC	b) Hard rock excavation	m <sup>3</sup>	10		
<b>2</b>		<b><u>EARTHWORKS : PIPE TRENCHES</u></b>				
2.1	LIC	Excavate in all materials for trenches, backfill and compact, including disposal of surplus or unsuitable material for septic tank disposal drains	m <sup>3</sup>	105		
<b>3</b>		<b><u>CONCRETE WORK</u></b>				
3.1		<u>Formwork</u>				
3.2	LIC	Smooth off shutter horizontal, Floor slab	m <sup>2</sup>	10		
3.3	LIC	Smooth off shutter horizontal, underside roof slab	m <sup>2</sup>	2		
3.4	LIC	Boxed-out openings all as per drawing	no	2		
3.5		<u>Concrete</u>				
	LIC	a) Blinding layer - 50mm thick in prescribed mix 15 mpa concrete below septic tank	m <sup>2</sup>	1		
	LIC	b) Strength mix 25/19 concrete in septic tank floor, walls and roof	m <sup>3</sup>	3		
<b>4</b>		<b><u>BUILDING WORK</u></b>				
		<u>Brickwork</u>				
	LIC	a) 230mm brickwork with type FBS bricks both sides in manhole walls	m <sup>2</sup>	25		
	LIC	b) 115mm brickwork	m <sup>2</sup>	4		
<b>5</b>		<b><u>PIPE LAYING</u></b>				
		Supply, lay, joint and test 110DN corrugated radial rib profile, drainage & sewer pipe:				
	LIC	a) 200mm dia. Sewer pipe & manholes	m	100		
		<b><u>VIP TOILET</u></b>				
6	LIC	Pit latrine toilet as indicated on drg BM06/22/23/TD/09	Sum	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**BLOUBERG LOCAL MUNICIPALITY**  
**PROJECT NO. BM06/22/23**  
**CONSTRUCTION OF MONGALO CRECHE**

ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AB003		<b><u>BOREHOLE</u></b>				
1		<b><u>DRILLING BOREHOLE</u></b>				
1.1		Water siting, Drilling +/- 120m deep, Quality testing, fully equipping of borehole, chasings and submergd pump (including electrical connections ,Control panel,protection against over pumping etc)	Sum	1		
2		<b><u>PVC STORAGE TANK INSTALLATIONS</u></b>				
2.1		<b><u>WATER TANK STAND</u></b>				
		Supply, install the elveted tank stand and all sundries and fittings scheduled on drawing (BM06/22/23/TD/06 and (BBM06/22/23/TD/07)	Sum	1		
2.2		<b><u>WATER TANK</u></b>				
		10000 liters JoJo tank	no	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**BLOUBERG LOCAL MUNICIPALITY  
PROJECT NO. BM06/22/23  
CONSTRUCTION OF MONGALO CRECHE**

ITEM	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AB005		<b><u>INSTALLATION OF JUNGLE GYM</u></b>				
1		<b>Play Ground</b>				
(LIC)		Platform preparation as specified on drg BM06/22/23/TD/08	m <sup>3</sup>	60		
(LIC)		Supply, install the Jungle Gym and all sundries and fittings scheduled area as indicated on drawing BM06/22/23/TD/08	Sum	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**BLOUBERG LOCAL MUNICIPALITY**  
**PROJECT NO. BM06/22/23**  
**CONSTRUCTION OF MONGALO CRECHE**

**SUMMARY OF BILL OF QUANTITIES**

ITEM	DESCRIPTION	AMOUNTS
1	GENERAL REQUIREMENTS AND PROVISION	R
2	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS	R
3	BUILDING WORKS	R
4	FURNITURE	R
5	FENCING	R
6	SEPTIC TANKS	R
7	INSTALLATION OF BOREHOLES, PUMP & TANKS	R
8	INSTALLATION OF JUNGLE GYM	R
	<b>TENDER (CONTRACT) SUM</b>	R
	CONTINGENCIES ( 5.0%) ( (This amount is under the sole control of the Employers Agent )	R
	<b>SUBTOTAL</b>	R
	ADD 15.0% VAT	R
	<b>TENDER (CONTRACT) PRICE CARRIED TO FORM OF OFFER OF ACCEPTANCE</b>	R
	<b>Note: Tender Sum is the value of the offered total of the prices exclusive of VAT, contingencies, CPA and special materials but including contractual variations.</b>	