

ITEM NO	PMT REF	SHORT DESCRIPTION	UNIT	SCHEDULED QUANTITY	RATE	AMOUNT
1		<b><u>SECTION 1 : PRELIMINARY AND GENERAL</u></b>				
	SABS 1200 A	<b><u>GENERAL</u></b>  As specified in SABS 1200 A and in the Project Specification				
1.1	8.3	<b><u>FIXED-CHARGE AND VALUE-RELATED ITEMS :</u></b>				
1.1.1	PSA 8.3.1	<u>Contractual requirements</u>	Sum	1		
	PSA 8.3.2.1	<u>Facilities for Engineer :</u>				
1.1.3		(b) Nameboards (3 No)	Sum	1		
1.1.4	PSA 8.3.2.2	<u>Facilities for Contractor</u>	Sum	1		
1.1.5	PSA 8.3.3	<u>Other fixed charge obligations</u>	Sum	1		
1.1.6	8.3.4	<u>Removal of site establishment</u>	Sum	1		
1.2	8.4 & 8.4.2	<b><u>TIME-RELATED ITEMS</u></b>				
1.2.1	PSA 8.4.1	<u>Contractual requirements</u>	Sum	1		
	PSA 8.4.2.1	<u>Facilities for Engineer :</u>				
1.2.3		(b) Nameboards (3 No)	Sum	1		
1.2.4		(c) Survey assistants	Lab Month	4		
1.2.5	PSA 8.4.2.2 & 8.4.2.3	<u>Facilities for Contractor</u>	Sum	1		
1.2.6	8.4.3	<u>Supervision for duration of construction</u>	Sum	1		
1.2.7	8.4.4	<u>Company and head office overhead costs for the duration of the contract</u>	Sum	1		
1.2.8	PSA 8.4.5	<u>Other time related obligations</u>	Sum	1		
	PSA 8.4.6	<u>Compensation in terms of subclause 5.12.2.4 and 9.1.4 of the General Conditions of Contract 2010 for delays incurred :</u>				
1.2.9		(a) Plant	Sum/w_day	5		
1.2.10		(b) Labour	Sum/w_day	5		
1.2.11		(c) Supervision	Sum/w_day	5		
1.2.12		(d) Other services, facilities, etc. not covered by items A 2.9 to A 2.11	Sum/w_day	5		
1.3	8.5	<b><u>SUMS STATED PROVISIONALLY BY ENGINEER :</u></b>				
1.3.1	PSA 8.5.2	<u>Additional control testing required by the Engineer</u>	P Sum	1	R23 000.00	R 10 000.00
1.3.1	PSA 8.5.3	<u>Overheads, charges, profits, etc on item A 3.1</u>	%	10 000		
1.3.3		<u>Procure trees from specified Nursery</u>	P Sum	1	R50 000.00	R 50 000.00
1.3.4		<u>Overheads, charges, profits, etc on item A 3.3</u>	%	50 000		
		Carried Forward				

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		<b>Brought Forward</b>				
1.3.5	PSA 8.5.4	<u>Payment to Service Providers for relocation of services</u>	P Sum	1	R10 000.00	R 10 000.00
1.3.6	PSA 8.5.5	<u>Overheads, charges, profits, etc on item A 3.5</u>	%	10 000		
1.3.7		<u>Allowance for payment to the NIMBIM for making stormwater connections</u>	P Sum	1	R25 000.00	R 25 000.00
1.3.8		<u>Charges Required by the Contractor on A 3.7 above and for the fulfilment of all obligations</u>	%	25 000		
1.3.9		<u>Allowance for Community Liaison Officer</u>	P Sum	1	R24 000.00	R 24 000.00
1.3.10		<u>Charges Required by the Contractor on A 3.9 above and for the fulfilment of all obligations</u>	%	24 000		
<b>1.4</b>	PSA 8.6	<b><u>PRIME COST ITEMS</u></b>				
1.4.1	C3.3.2.7	Mark Up for Management of Micro Enterprises	%			
1.4.2	C3.3.2.8	Provision of Bridging Finance to Micro Enterprises SMME's (only CIDB 1 & 2) 15% of SMME's Packages	%			
1.4.3	C3.3.2.9	Provision for Preliminary and General to Micro Enterprises SMME's 15% of SMME Packages	%			
<b>1.5</b>	8.7 PSA 8.7	<b><u>DAYWORK :</u></b>				
		(a) <u>Labour : (rates shall include for on costs)</u>				
1.5.1		(i) Unskilled	hour	10		
1.5.2		(ii) Semi-skilled	hour	10		
1.5.3		(iii) Ganger	hour	10		
1.5.4		(iv) Artisan	hour	10		
1.5.5		(v) Survey assistant	hour	10		
		(b) <u>Materials :</u>				
1.5.6		Allow a provisional sum for materials based on their nett cost	P Sum	1	R10 000.00	R 10 000.00
1.5.7		(i) Percentage adjustment to Item A 5.6 for materials	%	10 000		
		<b>Carried Forward</b>				

ITEM NO	PMT REF	SHORT DESCRIPTION	UNIT	SCHEDULED QUANTITY	RATE	AMOUNT
		Brought Forward				
1.5.8		(c) Plant : (Rates shall include for on costs) (i) Excavator / Backactor (TLB or equivalent) State make..... and model.....	hour	15		
1.5.9		(ii) Excavator (On tracks 20t minimum) State make..... and model.....	hour	5		
1.5.10		(iv) Plate Compactor State make..... and model.....	hour	10		
1.5.11		(v) Pedestrian type vibrating roller (Bomag 35S or equivalent) State make..... and model.....	hour	10		
1.5.12		(vi) Pedestrian type vibrating roller (Bomag 45S or equivalent) State make..... and model.....	hour	10		
1.5.13		(vii) Pedestrian type vibrating roller (Bomag 60S or equivalent) State make..... and model.....	hour	10		
1.5.14		(viii) Pedestrian type vibrating roller (Bomag 70S or equivalent) State make..... and model.....	hour	10		
1.5.15		(ix) Pedestrian type vibrating roller (Bomag 80S or equivalent) State make..... and model.....	hour	10		
1.5.16		(x) Motor Grader State make..... and model.....	hour	5		
1.5.17		(xi) Watercart State make..... and model.....	hour	5		
1.5.18		(xiv) Tipper trucks State make..... and model..... and capacity.....	hour	10		
1.5.19		(xv) Generator State make..... and model..... and output (5kVA or 10 KVa).....	hour	10		
1.5.20		(xvi) Water pump State make..... and model.....	hour	10		
		Carried Forward				

ITEM NO	PMT REF	SHORT DESCRIPTION	UNIT	SCHEDULED QUANTITY	RATE	AMOUNT
		Brought Forward				
1.5.21		(xvii) Compressor and accessories State make..... and model.....	hour	10		
1.5.22		(xviii) Concrete sawcutter State make..... and model.....	hour	10		
1.6		<b><u>TEMPORARY WORKS :</u></b>  <u>Existing Services :</u>				
1.6.1	PSA 8.8.4	(a) Excavate by hand in soft material to expose existing services	m³	50		
	PSA 8.8.5	<u>Cost of survey in terms of Land Survey Act</u>				
1.6.2		(a) Locate, record and protect erf boundary and survey pegs	Sum	1		
1.6.3		(b) Replace pegs recorded as missing at commencement of Contract as well as pegs removed in terms of PSA 5.1.1 and PSA 5.1.2 (a), (b) and (c)	No	12		
1.7	PSA 8.8.7	<b><u>Compliance with the Occupational Health and Safety Act and all relevant and applicable regulations, especially the Construction Regulations, 2014, as amended from time to time, for the full duration of the Contract:</u></b>				
1.7.1		(a) Contractor	Sum	1		
1.7.2		(b) Subcontractors (including SMME's)	Sum	1		
1.7.3		(c) Specialised Security for (a) and (b)	Sum	1		
		<b>CARRIED FORWARD TO SUMMARY :</b>				

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2.		<b>SECTION 2: PLAY PARKS</b>				
2.1	SANS 1200 C	<b>SITE CLEARANCE</b> as specified in SANS 1200 C and in the Scope of Work				
	8.2.1 PSC 8.2.1	<b>Clear and grub</b>				
2.1.1		(a) Open/park Areas (i) Extension 12 play park area (open area for proposed park)	m <sup>2</sup>	4758		
		(b) Clean and remove silt/sand on all areas to be paved	Sum	1		
2.1.2	PSC 8.2.11	Remove and reinstall existing concrete kerbing (iii) New walkway link (tying into existing road on Anita Drive)	m	5		
2.2	SANS 1200 D	<b>EARTHWORKS</b> as specified in SANS 1200 D and in the Scope of Work				
	PSD 8.3.3	<b>Restricted Excavation</b>				
	PSD 8.3.3 (a)	(a) Excavate for restricted foundations, footings, aprons, beams, landscaping, structures, pathways, streetlights as well as for walls and drains, in all materials, and use for fill, backfill, berm or dispose, as ordered				
2.2.1	PSD 8.3.3 (a)	(i) Excavate for play park, structural layers to receive concrete surface bed, ramps and staircases, walkways and dispose (a) Extension 12 play park	m <sup>3</sup>	255		
2.2.2	PSD 8.3.3 (a)	(ii) Excavate for walkways and use for fill, and to backfill, compacted to 90% of modified AASHTO density	m <sup>3</sup>	180		
2.2.3	PSD 8.3.3 (a)	(iii) Excavate for steps and use for fill/backfill, compacted to 90% of modified AASHTO density	m <sup>3</sup>	20		
2.2.4	PSD 8.3.3 (a)	(iv) Excavate for the planting of trees and dispose	m <sup>3</sup>	6		
	PSD 8.3.3 (b)	<b>(b) Extra over items 2.2.1 to 2.2.3 for:</b>				
2.2.6		(i) Hard rock excavation	m <sup>3</sup>	75		
2.2.7	PSD 8.3.3 (a)	(ii) Excavate for walkways and use for fill, and to backfill, compacted to 90% of modified AASHTO density	m <sup>3</sup>	180		
2.2.8	PSD 8.3.3 (a)	(iii) Excavate for steps and use for fill/backfill, compacted to 90% of modified AASHTO density	m <sup>3</sup>	20		
Carried Forward						

Brought Forward							
2.2.9	PSD 8.3.3 (a)	(iv) Excavate for the planting of trees and dispose	m <sup>3</sup>	6			
	PSD 8.3.3 (b)	<b>(b) Extra over items 2.2.1 to 2.2.3 for:</b>					
2.2.10		(i) Hard rock excavation	m <sup>3</sup>	75			
	PSD 8.3.15	<b>Supply and Plant trees with tree guard, complete, as detailed on architect's drawings:</b>					
2.2.11		(i) Tree installation (Extension 12 Park)	No	10			
<b>2.3</b>	SANS 1200 DM	<b>EARTHWORKS (PLAY PARK, SUBGRADE) as specified in SANS 1200 DM and in the Scope of Work</b>					
	PSDM 8.3.3	<b>Treatment of surface bed for concrete slab, ramps and walkways</b>					
	PSDM 8.3.3 a)	<b>(a) Surfacebed preparation and compaction of material to</b>					
		(i) minimum of 90% of modified AASHTO maximum density (Beneath surface bed, ramps and walkways - 150mm thick, and areas to receive kerbs)					
2.3.1		(i) Extension 12 play park	m <sup>3</sup>	715			
		(ii) minimum of 90% of modified AASHTO maximum density (Beneath ramps, steps - 150mm thick)					
2.3.2		(i) Extension 12 play park	m <sup>3</sup>	45			
2.3.3		(ii) Recreational area	m <sup>3</sup>	65			
2.3.4		(iii) minimum of 93% of modified AASHTO maximum density (Beneath roads and parking areas - 150mm thick)	m <sup>3</sup>	15			
	PSDM 8.3.4	<b>Cut to fill, borrow to fill</b>					
2.3.5		(a) Cut to fill compacted to 90% of modified AASHTO maximum density	m <sup>3</sup>	832			
	8.3.7 PSDM 8.3.7	<b>Cut to spoil from</b>					
2.3.6		(a) Soft excavation	m <sup>3</sup>	1500			
	PSDM 8.3.13	<b>Surface finishes</b>					
2.3.7		(a) Topsoiling from commercial sources (Extension 12 play park)	m <sup>2</sup>	450			
2.3.8		(b) Using Kikuyu sods (Pennistum Clandestinum) - including park/open areas and road reserves	m <sup>2</sup>	450			
2.3.9		(c) Trim, shape and roll verge, where ordered	m <sup>2</sup>	785			
<b>2.4</b>	SANS 1200 GA	<b>CONCRETE (SMALL WORKS) as specified in SANS 1200 GA and in the Scope of Work</b>					
	PSGA 8.4.4	<b>Unformed surface finishes:</b>					
2.4.1		(a) Wood-floated finish	m <sup>2</sup>	550			
2.4.2		(b) Broom textured finish	m <sup>2</sup>	90			
	PSGA 8.4.5	<b>Concrete surfaces (Surface area to be paved, thickness and grade of concrete specified):</b>					
		(a) Pedestrian walkways - 125 mm thick - Class 25/19 (Including Chryso Fibre Plus)					
Carried Forward							

Brought Forward					
		(i) Extension 12 play park	m <sup>2</sup>	1295	
	PSGA 8.5	<b>Joints:</b>			
		(a) Expansion joints for walkway, including pavers, complete as detailed on the drawings			
2.4.11		(i) Extension 12 play park	m	285	
2.7	SANS 1200 MH	<b>ASPHALT BASE AND SURFACING</b> as specified in SANS 1200 MH and in the Scope of Work			
	PSMH 8.5.1	<b>Prime coat</b>			
		(a) MC 30 cut back bitumen			
2.7.1		(i) Barcelona play park erf 1	m <sup>2</sup>	10	
	PSMH 8.5.3	<b>Tack coat</b>			
2.7.4		(a) 30% anionic stable grade emulsion	m <sup>2</sup>	10	
	PSMH 8.5.4	<b>Asphalt</b>			
		<b>Medium continuously graded asphalt surfacing using 80/100 penetration bitumen and quartzitic aggregate / type IVa (Asphalt Institute) hot mix to:</b>			
2.7.5		(a) Small localized areas in play park (areas up to 10m <sup>2</sup> ) - 30 mm minimum thickness	m <sup>2</sup>	10	
	8.5.5	<b>Variations in quantities of prime and tack coat and bituminous binder:</b>			
2.7.6		(a) Prime coat (MC 30 cut back bitumen)	litre	20	
2.7.7		(b) Tack Coat (30% anionic stable grade emulsion)	litre	20	
2.7.8		(c) Bituminous binder (80/100 penetration bitumen)	litre	20	
2.8	SANS 1200 MJ	<b>SEGMENTED PAVING</b> as specified in SANS 1200 MJ and in the Scope of Work			
	PSMJ 8.2.2	<b>Construction of paving complete:</b>			
		(a) 220 x 108,5 x 50 mm Class PA Burgundy red clay pavers complying with SANS 1575 (All patterns)			
2.8.1		(i) Extension 12 play park	m <sup>2</sup>	275	
2.8.2		(ii) Barcelona play park erf 1 and 2	m <sup>2</sup>	60	
2.8.3		(b) 109.5 x 109.5 x 73 mm white cobbles (Class 25 MPa)	m <sup>2</sup>	60	
2.8.4		(c) Header course of red clay pavers	m	135	
	PSMJ 8.2.3	<b>Cutting units to fit edge restraints:</b>			
		(a) Circular cutting			
2.8.5		(i) Extension 12 play park	m	55	
2.8.6		(ii) Barcelona play park erf 1 and 2	m	35	
		(b) Straight cutting			
2.8.7		(i) Extension 12 play park	m	75	
2.8.8		(ii) Barcelona play park erf 1 and 2	m	55	
2.9	SANS 1200 MK	<b>KERBING AND CHANNELLING</b> as specified in SANS 1200 MK and in the Scope of Work			
Carried Forward					

Brought Forward					
2.9.1		(a) Precast concrete edge kerb as detailed on drawing PSMK 1 - Table 3 - DRG 15302 for curvatures indicated, complete with concrete screed:			
2.9.2		(i) Radius not exceeding 20 m	m	20	
		(i) Extension 12 play park			
		(ii) Barcelona play park erf 1 and 2	m	60	
		(b) Precast concrete edge kerb (Figure 10B) complete with concrete screed:			
2.9.4		(i) Radius not exceeding 20 m	m	30	
CARRIED FORWARD TO SUMMARY :					



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3.		<b>SECTION 3: GENERAL AND ARCHITECTURAL</b>				
3.1	SABS 1200 D	<b>EARTHWORKS:</b> as specified in SABS 1200 D and in the Scope of Work				
	8.3.3	<b>Restriction excavation:</b>				
	PSD 8.3.3(a)	Excavate for restricted foundations, footings, aprons, beams, landscaping, structures, pathways, streetlights as well as for walls and drains, in all materials, and use for fill, backfill, berm or dispose, as ordered:				
3.1.1		(a) Backfill compacted to 90% of modified AASHTO maximum density	m³	55		
3.1.2		(b) Spoil	m³	20		
3.2	SABS 1200 GA	<b>CONCRETE (SMALL WORKS)</b> as specified in SABS 1200 GA and in the Scope of Work				
		Minor works as shown on the drawings and directed on site (slabs, walls, motor slopes and the like):				
	8.2	<b>Formwork:</b>				
3.2.1	8.2.1	(a) Rough vertical (covered)	m²	65		
3.2.2	8.2.2	(b) Smooth vertical (exposed)	m²	95		
3.2.3	8.2.3	Narrow widths up to 300 mm	m	25		
	8.3	<b>Reinforcement:</b>				
3.2.4	8.3.2	High tensile welded mesh ref: 311	m²	890		
	8.3.3	High tensile welded mesh ref: 193	m²	550		
	8.4	<b>Concrete:</b>				
3.2.5	8.4.2	(a) 75mm blinding layer in 15 MPa/19 concrete	m²	890		
	8.4.3	<b>(b) Strength concrete:</b>				
3.2.6		(i) 20 MPa/19	m³	85		
3.2.7		(ii) 25 MPa/19	m³	135		
3.2.8		(iii) 30 MPa/19	m³	45		
	PSGA 8.4.4	<b>(c) Unformed surface finishes:</b>				
3.2.9		(i) Wood-floated finish	m²	100		
3.2.10		(ii) Broom textured finish	m²	1100		
3.2.11		(iii) Steel-floated finish	m²	100		
3.3		<b>MISCELLANEOUS</b> Supply, install and construct work items complete as detailed and specified and shown on the drawings				
3.3.1		Supply and install concrete tables and stools complete as detailed on architect's drawings	No	15		
3.3.2		Supply and install bins complete as detailed on architect's drawings	No	6		
Carried Forward						

		Brought Forward				
3.3.3		Collect material from Resource Center and erect "clear -vu" fencing complete as detailed on architect's drawings				
3.3.4		(i) Barcelona play park erf 1 and 2	m	145		
		(ii) Extension 12 play park	m	355		
3.3.5		Collect material from Resource Center and erect "clear-vu" pedestrian gates complete as detailed on architect's drawings	No	6		
		<b>Construct, supply and install new brick wall complete as detailed on drawings</b>				
		(all bricks for retaining wall to be Burgandy face brick from Corrobrick or equivalent approved)				
3.3.8		(a) Free standing wall up to 2000 mm in height	m	20		
3.3.9		(b) Hand rails	m	35		
3.3.10		(c) Uninstall gabions and fix the baskets and reinstall (1.0x1.0)	m	85		
3.3.11		(d) Remove and replace with new children play centre slide	No	1		
		(e ) Repair and paint jungle gym	No	1		
		(f) Decommission sewer line and manholes within extension 12 erf as shown on the drawings	m	45		
		(g) Landscaping as required by Client	m²	3250		
		(h) Concrete v-drains (1.0m wide x 200)	m	1		
		(i) Concrete chutes as per drawings	m	30		
		(j) Stormwater field inlet	No	1		
		(k) Connection to Municipal stormwater	No	1		
3.4	8.2.8 PSLE 8.2.8	<b>Supply and Install Manholes, Catchpits, and the Like</b>				
3.4.1		Lowering and Raising of Manholes	No	-		Rate Only
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						