

DIRKIE UYS SPORT PARK

Elemental breakdown of estimate

13 February 2023



	Unit	Quantity	Rate	Amount	TOTAL
PHASE 1					
A COMPLETED WORKS					
Bulk Earthworks for Main Hockey Field					
Bulk Earthworks for Main Hockey Field					
Fencing around the back of property					
B GRASSED RUGBY FIELD A					
Earthworks	m2	8250	R 25,00	R 206 250,00	R 1 637 500,00
Topsoil	m2	8250	R 70,00	R 577 500,00	
Natural Grass	m2	8250	R 55,00	R 453 750,00	
Irrigation	Sum	1	R 350 000,00	R 350 000,00	
Poles (removable)	No	2	R 25 000,00	R 50 000,00	
C ASTRO HOCKEY FIELD					
Earthworks	m2	5750	R 60,00	R 345 000,00	R 6 584 750,00
Layerworks	m2	5750	R 180,00	R 1 035 000,00	
Kerbs/ channels	m2	1020	R 250,00	R 255 000,00	
Slurry	m2	5750	R 95,00	R 546 250,00	
Stormwater	m	850	R 450,00	R 382 500,00	
Sand dressed synthetic hockey turf on shock-pad	m2	5750	R 550,00	R 3 162 500,00	
Paving	m3	500	R 250,00	R 125 000,00	
Fencing	m	330	R 950,00	R 313 500,00	
Catch nets	No	2	R 85 000,00	R 170 000,00	
Team Shelter	No	1	R 250 000,00	R 250 000,00	
D LIGHTING					
4-Pole Rugby lights - Bases and sleeves only	Sum	1	R 250 000,00	R 250 000,00	R 650 000,00
8-Pole Hockey lights - Bases and sleeves only	Sum	1	R 250 000,00	R 250 000,00	
General lighting (walkways, parking areas)	Sum	1	R 150 000,00	R 150 000,00	
E PARKING (Based on 73 Parking Bays)					
Earthworks	m2	1650	R 60,00	R 99 000,00	R 1 038 750,00
Layerworks	m2	1650	R 210,00	R 346 500,00	
80mm Paving	m2	1650	R 280,00	R 462 000,00	
Kerbs	m	250	R 250,00	R 62 500,00	
Stormwater	m	75	R 650,00	R 48 750,00	
Road markings & Signage	Sum	1	R 20 000,00	R 20 000,00	
F ABLUTIONS (8m x 10m)					
Freestanding 8m x 10m Ablution Block	Sum	1	R 950 000,00	R 950 000,00	R 950 000,00
G SUNDRIES					
2m wide walkways	m	60	R 900,00	R 54 000,00	R 641 500,00
2,1m BetaFencing (street side)	m	285	R 1 500,00	R 427 500,00	
Vehicle gates	No	2	R 30 000,00	R 60 000,00	
Pedestrian gates	No	2	R 5 000,00	R 10 000,00	
Entrance feature	Sum	0	R 200 000,00	R 0,00	
Signage	Sum	0	R 150 000,00	R 0,00	
Landscaping	Sum	1	R 0,00	R 0,00	
Site Survey	Sum	1	R 30 000,00	R 30 000,00	
Geotechnical Investigation	Sum	1	R 60 000,00	R 60 000,00	
Sub total for Sport Facilities Phase 1					
Contingencies and escalation (5% contingency, 0% escalation)					R 575 125,00
Sub total					R 12 077 625,00
VAT (15%)					R 1 811 643,75
TOTAL FOR SPORT FACILITIES PHASE 1					<u>R 13 889 268,75</u>

PHASE 2

A LIGHTING					R 4 200 000,00
4-Pole Rugby lights - Balance of poles and ligts	Sum	1	R 1 400 000,00	R 1 400 000,00	
8-Pole Hockey lights - Bases and sleeves only	Sum	1	R 1 500 000,00	R 1 500 000,00	
Electrical reticulation	Sum	1	R 500 000,00	R 500 000,00	
Electrical connection to site	Sum	1	R 800 000,00	R 800 000,00	
B PARKING (Based on 73 Parking Bays)					R 2 406 250,00
Earthworks	m2	3850	R 60,00	R 231 000,00	
Layerworks	m2	3850	R 210,00	R 808 500,00	
80mm Paving	m2	3850	R 280,00	R 1 078 000,00	
Kerbs	m	580	R 250,00	R 145 000,00	
Stormwater	m	175	R 650,00	R 113 750,00	
Road markings & Signage	Sum	1	R 30 000,00	R 30 000,00	
C GRASSED RUGBY FIELD (Field of play = 65m x 107m; Total grass = 73m x 113m)					R 1 381 250,00
Earthworks	m2	8250	R 20,00	R 165 000,00	
Topsoil	m2	8250	R 50,00	R 412 500,00	
Natural Grass	m2	8250	R 55,00	R 453 750,00	
Irrigation	Sum	1	R 300 000,00	R 300 000,00	
Poles (removable)	No	2	R 25 000,00	R 50 000,00	
D SHOT PUT					R 17 800,00
Earthworks	m2	10	R 60,00	R 600,00	
Layerworks	m2	10	R 220,00	R 2 200,00	
Throwing circle	No	1	R 15 000,00	R 15 000,00	
E DISCUS/ HAMER THROW					R 267 800,00
Earthworks	m2	10	R 60,00	R 600,00	
Layerworks	m2	10	R 220,00	R 2 200,00	
Throwing circle	No	1	R 15 000,00	R 15 000,00	
Cage	No	1	R 250 000,00	R 250 000,00	
F JAVELIN					R 288 100,00
Earthworks	m2	120	R 60,00	R 7 200,00	
Layerworks	m2	120	R 220,00	R 26 400,00	
Kerbs/ channels	m	70	R 350,00	R 24 500,00	
Asphalt (25mm)	m2	120	R 350,00	R 42 000,00	
Stormwater	m	40	R 650,00	R 26 000,00	
13mm EDPM synthetic surface	m2	120	R 1 350,00	R 162 000,00	
G TWO LANE BEND AND STRAIGHT					R 1 229 450,00
Earthworks	m2	465	R 60,00	R 27 900,00	
Layerworks	m2	465	R 220,00	R 102 300,00	
Kerbs/ channels	m	375	R 350,00	R 131 250,00	
Asphalt (25mm)	m2	465	R 350,00	R 162 750,00	
Stormwater	m	150	R 650,00	R 97 500,00	
13mm EDPM synthetic surface	m2	465	R 1 350,00	R 627 750,00	
Long jump & tripple jump take-off boards	No	2	R 15 000,00	R 30 000,00	
Line markings	Sum	1	R 50 000,00	R 50 000,00	
Sub total for Sport Facilities Phase 2					R 9 790 650,00
Contingencies and escalation (5% contingency, 9% escalation)					R 1 370 691,00
Sub total					R 11 161 341,00
VAT (15%)					R 1 674 201,15
TOTAL FOR SPORT FACILITIES PHASE 2					<u>R 12 835 542,15</u>

PHASE 3

A 1/4 SIZE WARM-UP / MINI ASTRO HOCKEY					R 1 721 050,00
Earthworks	m2	1450	R 60,00	R 87 000,00	
Layerworks	m2	1450	R 180,00	R 261 000,00	
Kerbs/ channels	m2	340	R 220,00	R 74 800,00	
Slurry	m2	1450	R 95,00	R 137 750,00	
Stormwater	m	120	R 450,00	R 54 000,00	
Sand dressed synthetic hockey turf on shock-pad	m2	1450	R 550,00	R 797 500,00	
Paving	m3	250	R 250,00	R 62 500,00	
Fencing	m	170	R 950,00	R 161 500,00	
Catch nets	No	1	R 85 000,00	R 85 000,00	
B SWIMMING POOL (25m Long, 8-lane)					R 4 262 500,00
Earthworks	m3	2000	R 150,00	R 300 000,00	
Concrete shell	m3	240	R 6 000,00	R 1 440 000,00	
Plaster	m2	750	R 110,00	R 82 500,00	
Tiles	m2	750	R 550,00	R 412 500,00	
Coping	m	100	R 200,00	R 20 000,00	
Paving	m2	300	R 420,00	R 126 000,00	
Lane ropes	No	9	R 9 500,00	R 85 500,00	
Starting Blocks	No	8	R 9 500,00	R 76 000,00	
Ladders	No	2	R 18 000,00	R 36 000,00	
Backstroke markers	No	2	R 11 000,00	R 22 000,00	
Water polo goals	No	2	R 15 000,00	R 30 000,00	
Pipes, pump, filter	Sum	1	R 400 000,00	R 400 000,00	
Heat pumps	Sum	1	R 600 000,00	R 600 000,00	
Electrical reticulation	Sum	1	R 200 000,00	R 200 000,00	
Pumproom & Store room	m2	36	R 12 000,00	R 432 000,00	
C NETBALL/ TENNIS COURTS (6 COURTS)					R 3 978 000,00
Earthworks	m2	650	R 60,00	R 39 000,00	
Layerworks	m2	650	R 190,00	R 123 500,00	
Kerbs/ channels	m2	110	R 250,00	R 27 500,00	
Slurry	m2	650	R 95,00	R 61 750,00	
Stormwater	m	50	R 400,00	R 20 000,00	
Multi-layered acrylic resin surface system	m2	650	R 280,00	R 182 000,00	
Paving	m2	55	R 350,00	R 19 250,00	
3m Fencing around perimeter	m	55	R 3 000,00	R 165 000,00	
Tennis Net	No	1	R 10 000,00	R 10 000,00	
Netball Goals	No	2	R 7 500,00	R 15 000,00	
D SUNDRIES					R 880 000,00
Steel frame and timber seating movable pavillions (5m Long x 5 tiers)	No	5	R 40 000,00	R 200 000,00	
2m wide walkways	m	300	R 900,00	R 270 000,00	
2,1m BetaFencing (street side)	m	20	R 1 500,00	R 30 000,00	
Vehicle gates	No	1	R 30 000,00	R 30 000,00	
Pedestrian gates	No	0	R 5 000,00	R 0,00	
Entrance feature	Sum	1	R 200 000,00	R 200 000,00	
Signage	Sum	1	R 150 000,00	R 150 000,00	
E LIGHTING					R 1 130 000,00
6-Pole Rugby lights - Cables, poles and lights	Sum	1	R 0,00	R 0,00	
6-Pole Netball court lights (per court)	Sum	2	R 340 000,00	R 680 000,00	
General lighting (walkways, parking areas)	Sum	1	R 450 000,00	R 450 000,00	
Sub total for Sport Facilities Phase 3					R 10 841 550,00
Contingencies and escalation (5% contingency, 18% escalation)					R 2 493 556,50
Sub total					R 13 335 106,50
VAT (15%)					R 2 000 265,98
TOTAL FOR SPORT FACILITIES PHASE 3					<u>R 15 335 372,48</u>

PHASE 4

A PARKING (Based on 242 Parking Bays and 11 Bus Parking)					R 2 124 000,00
Earthworks	m2	3650	R 60,00	R 219 000,00	
Layerworks	m2	3650	R 170,00	R 620 500,00	
80mm Paving	m2	3650	R 280,00	R 1 022 000,00	
Kerbs	m	500	R 250,00	R 125 000,00	
Stormwater	m	150	R 650,00	R 97 500,00	
Road markings & Signage	Sum	1	R 40 000,00	R 40 000,00	
B PAVILLIONS, SEATING AND STRUCTURES					R 5 395 000,00
Embankment seating with Terraforce Blocks (+-2 seats/m)	m	500	R 1 500,00	R 750 000,00	
Steel frame and timber seating movable pavillions (5m Long x 5 tiers)	No	3	R 40 000,00	R 120 000,00	
Roof Over Netball Courts (75m x 20m)	Sum	1	R 2 625 000,00	R 2 625 000,00	
Freestanding 8m x 10m Ablution Block	Sum	2	R 950 000,00	R 1 900 000,00	
11 LIGHTING					R 1 030 000,00
6-Pole Rugby lights - Cables, poles and lights	Sum	1	R 0,00	R 0,00	
6-Pole Netball court lights (per court)	Sum	2	R 340 000,00	R 680 000,00	
General lighting (walkways, parking areas)	Sum	1	R 350 000,00	R 350 000,00	
12 SUNDRIES					R 2 085 000,00
2m wide walkways	m	400	R 900,00	R 360 000,00	
3m wide road reticulation	m	200	R 1 500,00	R 300 000,00	
Relocate municipal water main	m	250	R 1 700,00	R 425 000,00	
Landscaping	Sum	1	R 1 000 000,00	R 1 000 000,00	
Sub total for Sport Facilities Phase 4					R 10 634 000,00
Contingencies and escalation (5% contingency, 27% escalation)					R 3 402 880,00
Sub total					R 14 036 880,00
VAT (15%)					R 2 105 532,00
TOTAL FOR SPORT FACILITIES 4					<u>R 16 142 412,00</u>

PHASE 5

PAVILLIONS					R 15 000 000,00
1000-seater pavillion with roof over & 1000m2 bathroom/ changeroom/ storeroom/ clubhouse combination	Sum	1	R 15 000 000,00	R 15 000 000,00	
Sub total for Sport Facilities Phase 5					R 15 000 000,00
Contingencies and escalation (5% contingency, 36% escalation)					R 6 150 000,00
Sub total					R 21 150 000,00
VAT (15%)					R 3 172 500,00
TOTAL FOR SPORT FACILITIES 5					<u>R 24 322 500,00</u>