



Name of the Stadium	Kimberley Stadium
City	Kimberley
Owner	Sol Plaatje Municipality
Completion of construction	May 2007.
Location	Showgrounds
Total lot size	65,000m²
Number of levels	5

40,000

Area Plan

Ground Plan Level 1

Seating capacity

B.6.1

B.6.2

B.6.3

B.6.4

B.6.5 B.6.6

B.6.7

B.6.8

B.6.9

B.6.11

Ground Plan Level 2 Ground Plan Level 3 Ground Plan Level 4 Ground Plan Level 5 Stadium Section FIFA Questionnaire Declaration of Undertaking B.6.10 Safety Certificate Construction Schedule

#### **UPGRADING**

For the purposes of the 2010 FIFA World Cup™, a modern 40,000-seat football Stadium will form the centerpiece of a new multi-sports/national exhibition centre complex, which will replace, in its entirety, an existing football and athletics Stadium situated 3 kilometers north-east of the city centre of Kimberley, the capital of the Northern Cape Province.

The existing large vacant tracts of land which ◆ abut onto the existing facility will provide more than ◆ adequately for all categories of FIFA specified vehicular parking requirements.

The proposed Stadium site is well serviced by road – the national roads to Johannesburg and Bloemfontein are located just to the west and south, respectively, of the outer precincts of the existing facility. In addition, a major dual carriageway highway (N12), which is currently under construction between Johannesburg and Kimberley, will have an off-ramp, a short distance to the north of the new Stadium, to service the Stadium precincts. This will shorten the driving time to Johannesburg to three and a half hours.

Kimberley also enjoys direct rail links to all the major metropolitan areas in South Africa and an existing disused railway siding facility adjacent to the current facility will be resurrected to service the new Stadium and its precincts.

The new Stadium is designed to confirm to the required minimum standards to host a 1st or 2nd round match during 2010 FIFA Football World Cup™.

The capacity is the required 40,000 excluding the VIPs and the Media.

The Stadium is designed to accommodate about two-thirds of the spectators on an embankment.

A roof of varying length will provide cover to most of the spectators.

## TECHNICAL DESCRIPTION OF PROPOSED MEASURES

The following technical equipment will be installed:

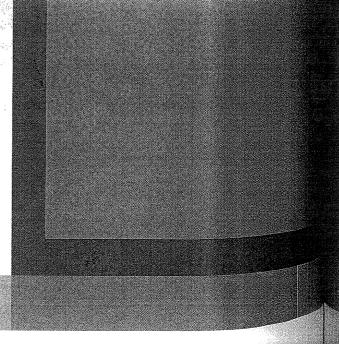
- A video display board in the northern stand;
- ◆ Four additional dual line electronic scoreboards to be added at strategic positions;
- Floodlighting installation providing 1,500 lux;
- Public address sound system.
- Closed circuit video surveillance system; and a
- Fire detection and protection system.

#### TECHNICAL AND ADMINISTRATIVE FACILITIES

The new venue operations centre will be constructed on the 3rd Level. The technical control centre where the Stadium public address announcer, scoreboard operator, video replay screen producer and technical assistants are seated will also be situated on this level.

#### VIP AREAS

Specially secure and comfortable presidential suites and lounges are available for 500 VIPs and guests of honour ensuring the best service. Toilets and sanitary facilities are in the direct proximity.





## CORPORATE HOSPITALITY/SPONSOR

The corporate sponsors will be accommodated in the eastern stand under the protection of the roof.

The hospitality area is in close proximity.

#### MEDIA AREAS

The Stadium will be able to accommodate the required number of Media representatives.

600

This will include for the following:

#### Written Media: Desks

Tribune photographers	50
TV and Radio:	
TV/radio positions	250
TV observer seats	150
Radio observer seats	125

All the above will be accommodated in the western stand under the extended roof.

The various studios will also be constructed on the upper seating level.

#### SECURITY

The proposed layout of the new Stadium and its precincts, which are currently bordered by a light industrial node, is conducive to them being secured and barricaded from a spectator safety and security perspective.

The fact that the Stadium is being purpose built for the 2010 FIFA World Cup™ will ensure that safety and security planners are placed in a position to ensure that the entire layout of the Stadium and its outer precincts is designed in strict accordance with

best international sports Stadium safety and security practice and FIFA specifications.

The entire precinct will, in terms of the concentric rings of security theory, have 3 secured perimeters which will progressively be used to filter and screen match ticket holding spectators as they approach the Stadium.

The outer perimeter (traffic warning zone) will extend to a maximum of 300 metres from the inner perimeter of the Stadium. The entire outer perimeter will be serviced by outer ring roads which will border the outer precincts of the Stadium. This outer perimeter will be used to filter pedestrian and vehicular transported match ticket and accreditation holders from the general public.

The middle perimeter (traffic-free zone), the outer extent of which will be demarcated by a robust steel palisade security fence serviced by two emergency/VIP vehicle gates and four primary spectator flow points (secured by large robust gates), will extend a distance of 200 meters from the inner perimeter of the Stadium and will completely encircle the Stadium.

A purpose built inner ring road will encircle the Stadium just outside of the outer extent of this purpose-designed middle perimeter for accredited person drop-off and emergency/VIP vehicle access purposes. Strict screening of spectators for prohibited and restricted items will take place at four specially designed primary spectator search points which will be located at the four primary spectator flow points into this perimeter.

The search areas will be equipped with search tables and walk-through and hand-held magnetometers. A further visual match ticket check will take place at this point.

A secured VIP and service vehicle screening area ('remote search park') manned by State security services, equipped with magnetometers, conveyor belt type X-ray machines and bomb detection and disposal equipment will also be located just outside of this middle perimeter, to the east of the Stadium. It will be situated at a purpose built vehicle ramp and inspection facility which will be located at least 200 metres away from any primary spectator flow point.

The inner perimeter will feature four zoned spectator electronic ticket and accreditation verification turnstile areas consisting of no less than 45 turnstiles. Each spectator and accredited person will be individually processed at these state-of-the art turnstiles. Generic, clear and visible Stadium layout ('You are here') and restricted item and match ticket condition signage will be erected throughout the entire precinct within all three perimeters.

A further advantage of this new purpose built Stadium is that it will afford safety and security consultants the opportunity to assist the Stadium designers with the design of a functional and fully electronically and physically secured outside broadcast compound for the use of official broadcasters. This facility, which will be under 24-hour CCTV surveillance, will be located just inside the inner perimeter of the Stadium.

The general spectator area of the inner bowl of the Stadium will be divided into four quadrants ('zones') where FIFA approved competing team spectator separation measures, demarcating each zone, will be in place. An aesthetic and functional physical field perimeter security system, designed in strict accordance with FIFA specifications, will be put in place around the entire field of play. A physically secured and convenient participating player and match official field of play access route will be incorporated into the Stadium design.

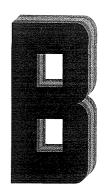
A purpose designed and built venue operations centre, from where the entire safety and security operation at the Stadium will be directed, on a 24-hour basis, throughout the tournament, will be located at a secure location on the northern side of the inner bowl of the Stadium.

The venue operations centre will be equipped with the digital control system of the Stadium and Stadium precinct's planned multi-zone CCTV surveil-lance and recording system, computer equipment and peripherals, computer linked projector, electronic public address cut-in, dedicated multiple telecommunications lines and real-time data links to the electronic ticket/accreditation verification system and the Kimberley Metro disaster management centre.

The design of the Stadium and the entire outer precinct will include the incorporation of a world class multi-zone digital CCTV surveillance and recording system. This new installation will extend to the extent of the outer perimeter and all of the primary spectator pedestrian and vehicular access routes to the Stadium.

A particular focus area will be the four planned spectator screening areas which will be situated at the middle perimeter. The planned system will consist of a minimum of 16 cameras, 5 colour monitors, 3 remote controllers and a digital compression and analogue backed-up recording and play-back facility. All of the cameras will have a 360° pan, tilt and zoom.

The entire control system will be installed in the Stadium venue operations centre. The system will have a real-time video and audio link to the Kimberley Metro disaster management centre. Biometric face recognition software will also be incorporated into the CCTV system.



#### STADIUM EQUIPMENT Public Adress Sound System

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The Stadium will be equipped with a distributed, zoned public address system for all public address and announcements including voice evacuation. It will be possible to select individual and/or combinations of zones.

Master control units will be installed in the Stadium managers' office, the technical operation centre and the venue operations centre. The master control unit in the venue operations centre will take priority at all times enabling non-delayed over-ride.

To ensure uninterrupted operation, the master control unit will be placed on an uninterrupted power supply. The public address system will be linked to the broadcast compound area as well as the video replay screen to enable both the audio and visual aspect of flash/field interviews and advertisements. The public address sound system will also cover the gating perimeter of the Stadium.

#### Electronic Scoreboard and Video Replay Screen

The Stadium will be equipped with one new combination high-resolution LED video replay screen and LED full matrix information board. This board will be utilised as a real time multimedia communication system displaying text, graphics and video material. Team details, player profiles, electronic advertising videos, replay action, highlight packages of previous matches and safety and security information will be some of the information relayed to the spectators.

In addition, four dual line LED scoreboards will be installed to display the match score. The new installation will also include the software and all video production equipment. The production team and technical assistants will be situated in the technical Operation centre.

#### **Floodlights**

The upgraded floodlighting system will be installed using both the new roof structure and two new masts placed on the north-east and south-east sides of the Stadium. The system will have a light intensity of 1,500 lux.

#### **Emergency Power**

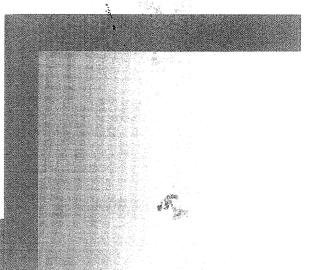
The Stadium will be equipped with a distributed emergency power system in order to ensure that all essential systems will remain functional in the event of a power failure. Essential systems include the venue operations centre, the technical operations centre, the fire detection and protection systems, security and access control systems.

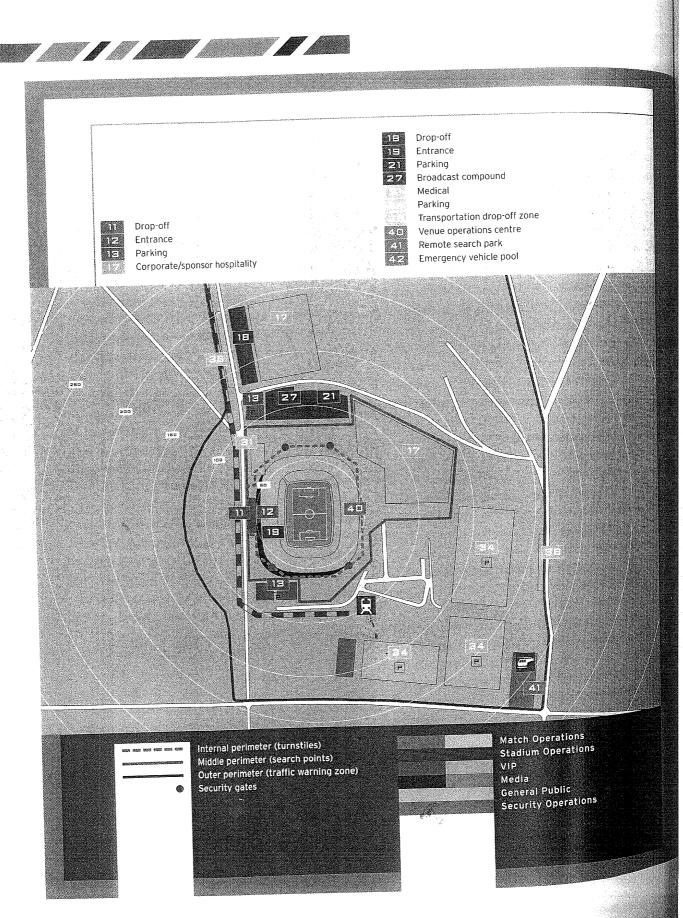
## PUBLIC CONVENIENCES/REFRESHMENT STALLS/FIRST AID POSTS

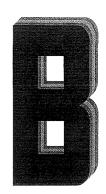
The public conveniences and concessions facilities will be upgraded to conform to best practice.

#### FINANCING

The estimated cost of demolishing the existing Stadium and constructing the new Stadium is in the region of CHF 73m (USD 28m). The Sol Plaatje Municipality and the Northern Cape provincial government have undertaken to meet the costs of construction.



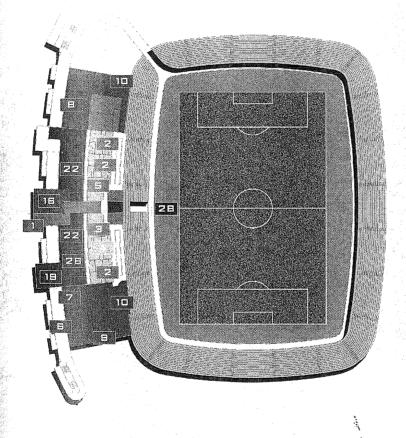




Risaberiev Kimberley Stadium



Match Operations Stadium Operations VIP Media General Public Security Operations



### LEVEL 1

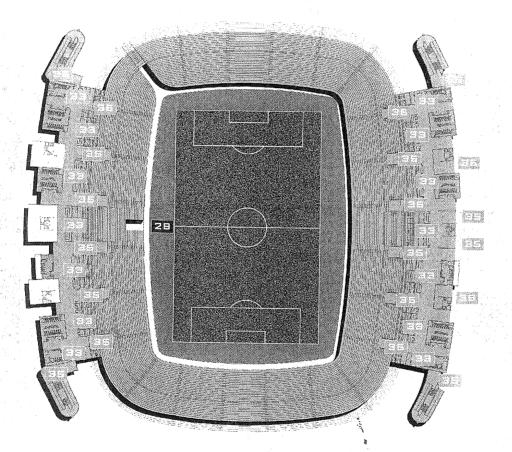
Team entrances
Team dressing rooms
Medical care centre
Doping control room
Match official dressing room
FIFA administration rooms
Meeting room
Stadium management office
World Cup operations offices
Storage room





Match Operations Stadium Operations VIP Media General Public Security Operations





#### LEVEL 2



Flash interview area Concessions

Public entrances

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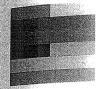


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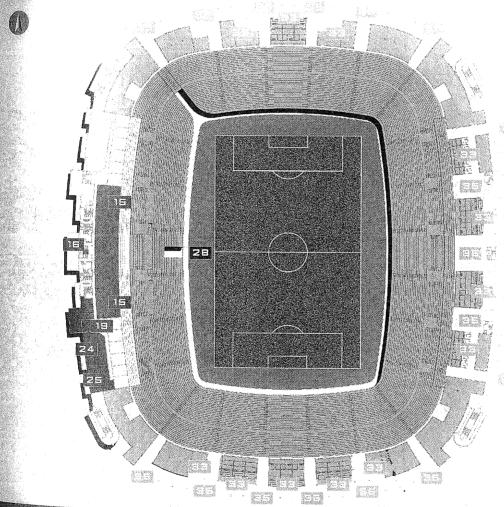
24 F 25 ( 28 F

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Match Operations Stadium Operations VIP Media General Public Security Operations



## LEVEL 3



Hospitality



Elevator Entrance



Photographer workroom



Dark room Flash interview area



Concessions

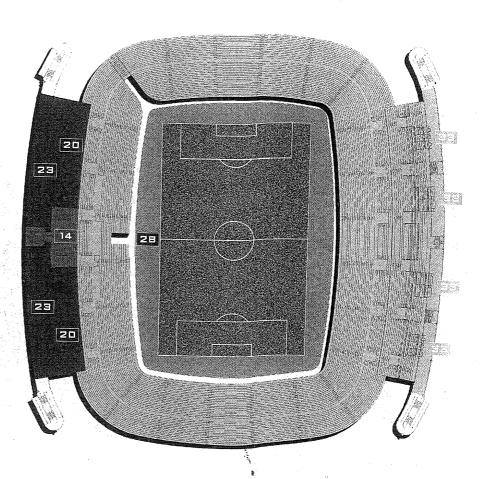


Public entrances



Match Operations Stadium Operations VIP Media General Public Security Operations





### LEVEL 4

20 20 20

Seating Seating Media workroom

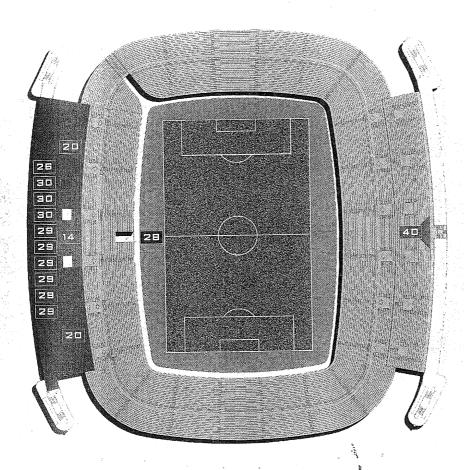
Flash interview area

Concessions





Match Operations Stadium Operations VIP Media General Public Security Operations



## LEVEL 5

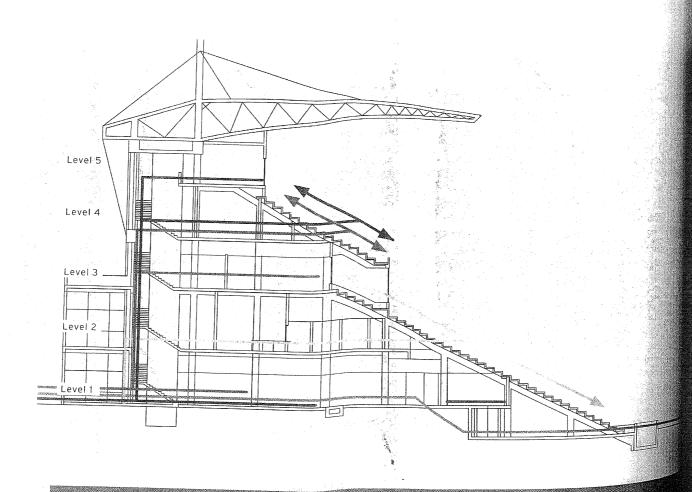
Seating Seating

Interview room Presentation studios

TV studios

Flash interview area Venue operations centre

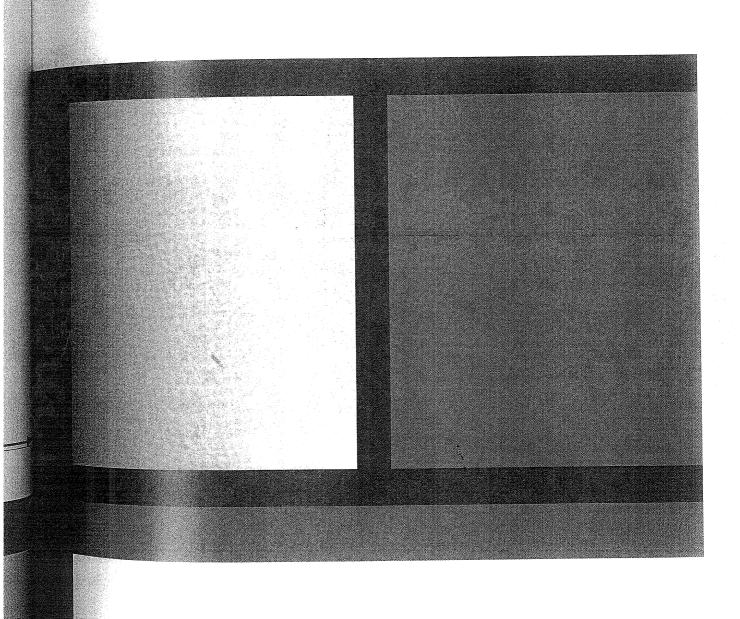




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SECTION - WEST TRIBUNE





# Technical Description

1. The Stadium		
Name	Kimberley Stadio	JM.
City	Kimberley	
Number of inhabitants	202,000	
Owner	Sol Plaatje Muni	cipality
Name of club using the Stadium	Basotho Tigers	
Contact person	Rob Gibson Phone No Fax No E-mail Address	+27 72 116 8390 +27 53 830 65 87 robgibson@kbymun.org
2. Distance and Duration of Journey by Car/Bus to the Stadium		
From Kimberley Airport	12km	15min
From the team hotel	3km -	5min
From the FIFA hotel	4km	7min
From the city centre	3km	4min



Capacity	
Total number of seats	40,000
Number of seats under cover	16,000
VIP seats	500
Media representatives	1,675
Seats for disabled persons	100
VIP boxes	20 10 10 10 10 10 10 10 10 10 10 10 10 10
VIP reception area/lounge	2 (1.3) (1.3) (1.3) (1.3) (1.3) (1.3)
	Control Control Control Control
Playing Surface	
Dimensions of the playing surface	Length 105m, width 68m
Type of playing surface	Grass
Separation of spectators from playing field	Moat
Place for substitutes	Seating for 50 persons
Place for match officials	Seating for 4 persons
Substitute goals	Yes
Running track around field	No
Space between field of play and edge of spectator seating area	
★ To goalline	7.5m
◆ To touchline	6m
Type of surface of space between field of play and edge of spectator seating area to the goalline	Grass
Technical Installations	
Lighting lux power	1,500 lux
Reliable time-keeping system with a pertinent electronic scoreboard	Yes

CCTV installation (closed circuit television)	Yes	
Loudspeaker system	Yes	
Emergency generator	Yes	
Team Facilities		
Dressing rooms for players	4	
Dressing Room No.1		
◆ Size of dressing room	150m²	
<b>→</b> Lockers	Yes 25	
◆ Massage fables	Yes 3	
◆ Power points	Yes 8	
◆ Refrigerator	Yes	
◆ Number of showers	10	
◆ Hot water	Yes	
◆ Number of tollets	3	
◆ Toilets with seats	Yes	
◆ Air conditioning	Yes	
◆ Room for team technicians	Yes 30m²	
♦ Room for kit managers	Yes 30m²	Andread Control of the Control of th
Dressing Room No. 2		
◆ Size of dressing room		
◆ Lockers	Yes 25	
♦ Massage tables	Yes 3	
♦ Power points	Yes 8	
◆ Refrigerator	Yes	1921
◆ Number of showers	10	
♦ Hot water	Yes	



◆ Number of toilets		3
★ Toilets with seats	Yes	
♦ Air conditioning	Yes	
Room for team technicians	Yes	30m²
Room for kit managers	Yes	30m²
Dressing Room No. 3		
◆ Size of dressing room		90m²
<b>→</b> Lockers	Yes	- 25
Massage tables	Yes	1
→ Power points	Yes	4
<b>→</b> Refrigerator	Yes	
◆ Number of showers		4
◆ Hot water	Yes	en e Suise e Barrell de Barrell de la company de la compan
◆ Number of toilets	,	2
→ Toilets with seats	Yes	
◆ Air conditioning	Yes	
◆Room for team technicians	No	
◆ Room for kit managers	No	
Dressing Room No. 4		
♦ Size of dressing room		90m²
<b>♦</b> Lockers	Yes	25
♦ Massage tables	Yes	1
◆ Power points	Yes	4
◆ Refrigerator	Yes	
◆ Number of showers		4
♦ Hot water	Yes	
◆ Number of toilets		2
◆ Toilets with seats	Yes	and production of the second

◆ Air conditioning	Yes
♦ Refrigerator	Yes
◆ Television	Yes
10. Signposting in the Stadium (Coding and Signposting, etc. of the various sectors)	
Sectors clearly indicated and segregated	Yes
Entrances, corridors, gangways and public amenities clearly signposted	Yes
11. Telephone installations	
Reliable telephone links with	
◆ Security service control post	Yes
◆ Room of the medical staff	Yes
→ Ticket booth	Yes
◆ Ground staff room and Stadium announcer.	Yes A Cub and
2. Safety Measures	
Video surveillance facilities	Yes
Number of cameras in total	16
◆ Number of cameras: inside area	8 Same and the second second
◆ Number of cameras : adjacent area	8
Second security cordon before entrance	Yes
Exit doors inside playing surface	10
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Security Forces and Fire Brigade	
Central command post for the security forces and fire brigade	es
Security operational team	es
Emergency operational plan	es
4. Stadium Entrances	
Number of gates	10
Number of turnstiles	45
Other means of access (type and number)	
◆ Vehicular/emergency gates	10
5. Stadium Exits	
Number and size proportionate to the capacity of the Stadium	res de la companya d
Number of gates	10
5. Parking Space (with separate Entrances)	
For team buses	
◆ Location	West
◆ Distance from dressing rooms	50m
For referees' vehicles	
◆ Location	West
Distance from dressing rooms	50m
For the vehicles of officials and guests	
◆ Location	Noth and South
♦ Number	10 buses, 100 cars
♦ Distance from VIP entrance	50m

For Modia vobiclos	
For Media vehicles	North
♦ Location	10 buses, 500 cars
♦ Number	50 - 100m
♦ Distance from the Stadium	50 - IOOH
For spectators' vehicles	
<b>♦</b> Location.	Around Stadium
◆ Number	2,000
♦ Distance from the Stadium	300 - 400m
For police and security vehicles	
◆ Location.	South
◆ Number	20
◆ Distance from the Stadium	100m
For the ambulances	
◆ Location	South
◆ Ñumber	
◆ Distance from the Stadium	100m
7. Public Conveniences	
Sufficient public toilets available	Yes
Number of ladies' toilets	500
Number of gentlemen's toilets	380
8. Refreshment Stands	
Number of stands (food)	16
Number of stands (drink)	10
Storeroom on each level	Yes 20m²



A second control of the control of t		
, Ticket Booths		
Number of ticket booths		20
0. Media		
Media centre (equipment/phones/power points)		
<b>◆</b> Location		West Ground Level
♦ Size of Media centre		1,350m²
Mixed zone		
◆ Location		West Ground Level
◆ Size of mixed zone		600m²
Television commentary cabins		
→ Location		West Level 5
◆ Number of cabins		175
Radio commentary cabins	. 6	
<b>→</b> Location		West Level 5
◆ Number of cabins		75
Press seats		
<b>→</b> Location		West Level 4 and 5
◆ Number of seats		600
Press seats with desks/table tops		500
Seats equipped with power points/phone points		300
Storeroom	Yes	20m²
Number of offices		4/25m² each
Office infrastructure (tables/chairs/telephones/fax/copier)	Yes	
Meeting room	Yes	
Briefing room	Yes	And the second s

Other Rooms in the Stadium on Pitch Level		
Storeroom with direct access to pitch (boards)	Yes	650m²
Rooms for FIFA's youth programme	Yes	16m <sup>2</sup>
Other Room 1	Yes Yes	12m²
Other Room 2	Yes	12m²
Other Room 3	Yes	12m²
Other Room 4	Yes	12m²
Office infrastructure (tables/chairs/telephones/ fax/copier)	Yes	
Storeroom 1	Yes	25m <sup>2</sup>
Storeroom 2	Yes	25m² -
Storeroom 3	Yes	25m²
Storeroom 4	Yes	25m²
2. VIP/Hospitality Area		
VIP.lounge 1	Yes	420m²
VIP lounge 2	Yes	360m²
VVIP lounge	Yes	140m²
Office 1	Yes	25m²
Office 2	Yes	25m²
	-	
3. Training Stadium		
Dimensions of the playing surface		Length 110m, Width 70m
Distance from the Stadium		8km
Distance from the team hotel		10km
Type of playing surface		Grass
Number of dressing rooms		4



Fixed/removable goals	Yes
Substitute goals	Yes
Separation of spectators/Media from field	Yes
Running track around field	No
	Approximation of the second second second in
Other	CANAL TO PERMIT
Advertising inside Stadium	Yes
Flagpoles	Yes
Communication system in the Stadium	
◆ Head-set walkie-talkies	Yes
◆ Mobiles	Yes
Helipad	Yes
Timetable	
Detailed plans of the construction and/or renovations	Yes
Exact date of the completely functional Stadium	May 2007

## Safety Certificate



DIRECTORATE: COMMUNITY SERVICES EMERGENCY SERVICES

DIREKTORAAT: GEMEENSKAPSDIENSTE NOODDIENSTE

MOKAEDI WA : DITIRELO TSA SETSHABA THUSO POTLAKO Posbus/P.O. Box 1532 Kimberley 8300

Tel.: (053) 832-4212/3/4/5 Fax: (053) 833-1005

VERWIREF, NO.: NAVRAE/ENQUIRIES: C:\MYFILES\BVALG\DE BEERS STADIUM R Janse van Vuuren\hv

18 July 2003

To Whom It May Concern:

I hereby certify that the De Beers Statium, Kimberley complies with the minimum fire safety requirements as set out in the National Building Regulation, SABS 0400.

This Service also conducts continuous fire safety inspection to ensure the above

Any further information can be obtained from the Chief Emergency Services, P O Box 1532, Kimberley, 8300.

Regards

M W PRETORIUS

CHIEF: EMERGENCY SERVICES

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Rrevent Fire!



## Declaration of Undertaking



OFFICE OF THE PREMIER

KANTORO YA TONAKGOLO

I-OFISI YE NKULUMBUSO

KANTOOR VAN DIE PREMIER

Provincial Building, Chapel Street Private Bag X5016 KIMBERLEY 8300

Isakhiwo Sephondo, Chapel Street Private Bag X5016 KIMBERLEY 8300

Tel. +27 (053) 830-9302/3

Fax +27 (053) 833-2122

E M Dipico

21 August 2003

The President FIFA - Hitzigweg 11 P. O. Box 85 CH-8030 Zurick **SWITZERLAND** 

Dear Mr Blatter

RE: KIMBERLEY STADIUM

We refer to the above and confirm that the Government of the Northern Cape Province will raise the required finance for the construction of a R250 million stadium upon South Africa being successful in their bid to host the 2010 Soccer World Cup spectacle and this stadium being selected as one of the stadiums at which World Cup matches are to be played.

The required funds will be raised through a public private partnership from Local and Central Treasuries as well as private and public investors.

We trust that the above meets with your approval.

Yours Sincerely

E. M. DIPTCO (PREMIER)

WITNESSES

T. P. LENYIBL

EXECUTIVE MAYOR - SOL PLAATJE MUNICIPALITY

P. R.O. SEHUNELO

CITY MANAGER SOL PLAATJE MUNICIPALITY

## Construction Schedule

Activities

Planning and preparation

Tenders

Demolitions

Site works

Foundations

Superstructure

Roof

Floodlights

Change rooms/offices/ablutions/catering

Parking areas

Pitch upgrade

Roads



