



**REQUEST FOR INFORMATION (RFI):**

**DESIGN, SUPPLY & ERECTION OF PREFABRICATED HOUSE  
FOR STAFF ACCOMMODATION AT THE DIFFERENT CAMPS AT  
KRUGER NATIONAL PARKS**

**RFI NUMBER: RFI KNP/ 01/19**

## PART A

## INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	KNP/ 01/19	CLOSING DATE:	03/03/2020	CLOSING TIME:	11h00
DESCRIPTION	<b>Request for Information for a Design, Supply &amp; Erection of Prefabricated House for Staff Accommodation at the different Camps at Kruger National Parks</b>				
<b>BID RESPONSE DOCUMENTS MAY BE DEPOSITED TO</b>					
<b>Physical Address:</b> Procurement / Admin Warehouse Skukuza Camp, Kruger National Park					
<b>Postal Address:</b> P/Bag X 402 Skukuza 1350					
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>			<b>TECHNICAL ENQUIRIES MAY BE DIRECTED TO:</b>		
CONTACT PERSON	Busisiwe Biyela		CONTACT PERSON	Joel Masha	
TELEPHONE NUMBER	013 735 4311		TELEPHONE NUMBER	013 735 4285	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	Busisiwe.Biyela@sanparks.org		E-MAIL ADDRESS	Joel.masha@sanparks.org	
<b>SUPPLIER INFORMATION</b>					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX]  <input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX]  <input type="checkbox"/> Yes <input type="checkbox"/> No

**[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]**

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3 ]
-----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	--------------------------------------------------------------------------	----------------------------------------------------------------------------------------

**QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS**

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?  YES  NO

DOES THE ENTITY HAVE A BRANCH IN THE RSA?  YES  NO

DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?  YES  NO

DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?  YES  NO

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?  YES  NO

**IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.**

## PART B TERMS AND CONDITIONS FOR BIDDING

<b>1. BID SUBMISSION:</b>
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. <b>ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.</b>
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. <b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</b>
<b>2. TAX COMPLIANCE REQUIREMENTS</b>
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

**NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID. NO FAXED OR EMAILED DOCUMENTS WILL BE ACCEPTED.**

SIGNATURE OF BIDDER:

.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

(Proof of authority must be submitted e.g. company resolution)

DATE:

.....

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## 1.1 Background

South African National Parks (SANParks) is a public entity functioning under National Environmental Management: Protected Areas Act 57 of 2003 (Act 57 of 2003); with the mandate to conserve; protect; control; and manage national parks and other defined protected areas and their biological diversity (Biodiversity). As a public entity, SANParks is also governed by the Public Finance Management Act, Act 1 of 1999 (as amended by Act 29 of 1999), and it is listed as Schedule 3 Part A: 25 public entities.

SANParks' operations are totally guided by its vision statement and mission statement. As a public entity, the organisation is committed to act in pursuance of transformation of South Africa's society in support of entrenching South Africa's democracy. In this regard, the organisation has adopted a transformation mission to guide its efforts accordingly.

### **Vision**

A world class system of sustainable National Park reconnecting and inspiring society

### **Mission**

Develop, protect, expand, manage and promote a system of national parks that represents natural and cultural heritage assets, through innovation, excellence, responsible tourism and just socio-economic benefit for current and future generations

Under the authority of SANParks; the world-renowned Kruger National Park (KNP); is unrivalled in the diversity of its life forms and a world leader in advanced environmental management techniques and policies. As the flagship of SANParks – KNP represents the cultures, persons and events of the region historically and is conserved along with the park's natural assets. Established in 1898 to protect the wildlife of the South African Lowveld, and opening its gates to the public in 1927, KNP has become a major research and conservation centre and one of Africa's premier wildlife-watching destinations. As the largest National Park in South Africa, the KNP spans 18,989 square km and extends 350 km from North to South and 60km from East to West. Being a narrow wedge in orientation; KNP is bordered by Mozambique to the East; Limpopo Province to the West and Mpumalanga Province to the West and South. Rimming the Park to the West, and sharing the same unfenced terrain, is a chain of private wildlife reserves.

## 1.2 Objectives

Our objectives are (*but not limited to*):

- To determine whether the conventional brickwork building method can be replaced by the light steel frame construction method.
- Ensure proposed solutions and systems are compliant with Building regulation.
- Comparing advantages, disadvantages, structural strength and durability, cost effectiveness of prefabricated house

## 1.3 Business Requirement

SANParks RFI to supply and erect two bedroom prefabricated house 48m<sup>2</sup> for staff accommodation at Kruger National Park for period of five years

### RFI Scope

The service provider will submit a suitable proposal that will reflect the following:

1. Detail construction drawing of proposed unit including all services

2. Detail specifications and construction method of:

- Foundation
- Floor construction
- Superstructure and walls, fenestration and finishes
- Roof and ceiling works
- .Drainage and plumbing
- Electrical and Mechanical
- External works

3. Energy efficiency

- Solar hot water system
- Conventional hot water system
- Energy saving shower heads and aerators
- UV resistant roofing materials
- Cavity walling
- Insulation in walls
- Insulation in ceilings

4. Cost break down of the following

Description	Unit price
Foundation	
Floor construction	
Superstructure and walls, fenestration and finishes	
Roof and ceiling works	.
Plumbing	
Electrical and Mechanical	
Carpentry Joinery	
External works ( 2m offset the structure)	
Transport rate per kilometer	
Furniture (detailed items)	
Preliminaries & General	
Floor Finish (Ceramic Tiles or Similar )	
Other related activities	
<b>Total price VAT inclusive</b>	

## 5. Carbon footprint - local materials within 150km from site

6. Local availability of maintenance spare parts
7. Life span expectancy
8. R-value thermal loss via walls and roofs
9. Provide the certificates, Agreement, NHBRC, and others

**1.4 SANParks intent for the request of information:**

- To establish the supplier market and the respective capabilities to meet the requirements set out above; and
- To establish the potential costs of such service considering the current company cost containment drive.
- To survey all aspects relating to procure the service
- To collect ,study and evaluate information which will provide SANParks the best updated knowledge regarding the possibility to use the service , and for  
considering the most appropriate way for future contractual relationships ,  
if made

**NB:** *No award will be made following the RFI process; however the subsequent request for bid (RFP) may be restricted to those who responded to the RFI.*

## Section 2

(To be completed by Supplier)

### Supplier Information

2.1) Name of company: \_\_\_\_\_

2.2) Company registration number: \_\_\_\_\_

2.3) Address of company:

Postal Address:

Street Address:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Company's internet address:-

2.4) Contact person: \_\_\_\_\_

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

2.5) Names of the directors of your company:

Name \_\_\_\_\_ Designation: \_\_\_\_\_

2.6) Total number of Employees: \_\_\_\_\_

2.7) Declaration:

The information supplied in this document is correct and complete to the best of my knowledge and accurately reflects the capability of:

(Company name) \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

This RFI is signed in my capacity as: \_\_\_\_\_

(To be read very carefully by supplier)

**Standard conditions for Request for Information**

**3.1. INTERPRETATION AND DEFINITIONS**

3.1.1 Definitions:

The expressions defined below shall have the meanings hereby assigned to them unless inconsistent with the context of a particular proposal, agreement, contract or order.

3.1.2 “Company”: South African National Parks

3.1.3 “Closing date”: the date and hour specified in the document

**3.2. REQUEST FOR INFORMATION INVITATION**

**3.2.1 Request for Information Preparation**

All cost in the preparation, presentation and demonstration will be for the account of the vendor. All supporting documentation and manuals submitted in response to this request for information will become “company’s” property unless otherwise stated by the vendor at the time of submission.

**3.2.2 Confidentiality**

The information obtained through this request for information will be regarded as confidential; however, South African National does not accept liability for any information which may become public.

**3.2.3 No binding Agreement**

It must be clearly understood that no business will be awarded to any vendor out of this request for information. Prices submitted with the request for information are for information only and no vendor will be held to any price submitted. South African National Parks further reserves the right to contact

individual Vendor's to obtain further information should this be deemed necessary.

#### **3.2.4 Samples**

Vendors may, as part of their response, submit samples, brochures or documentation of the products supplied by the vendor.

### **3.3. REQUEST FOR INFORMATION DOCUMENTS**

#### **3.3.1 Document requiring completion and return**

Vendor's must complete and submit the following documents as part of their response:

- a) Prescribed request for information documents
- b) Any information required in the request for information

#### **3.3.2 Amendment of documents by South African National parks**

South African National Parks may, at any time prior to the deadline for lodging request for information, amend of the documents or extended the time for lodging documents by notice in writing to the prospective Vendor's. (Any amendments under this clause will become part of the request for information).

### **3.4. PREPARATION OF REQUEST FOR INFORMATION**

#### **3.4.1 Language of document**

The request for information and all correspondence and documents related to the request for information exchanged by the vendor and South African National Parks shall be written in English.

### **3.5. SUBMISSION OF REQUESTS FOR INFORMATION**

#### **3.5.1 Address and marking of requests for information**

All requests for information must be:

- a) Enclosed in a plain envelope or wrapping and clearly marked with the request of information number specified on the document.
- b) Lodged so as to ensure that they are received not later than the closing time and date specified for their receipt in accordance with directives issued with the document.

#### **3.5.2 Number of copies required**

The Supplier must submit one (1) hard copy and one (1) (disc or memory stick).

#### **3.5.3 Closing date**

All requests for information received after the closing date and the time will be disqualified.

#### **3.5.4 Late tenders**

Request for information are late if they are received at the address indicated in the document after closing time and date. South African National Parks may, at its discretion, consider or refuse to consider any late request for information.

## DISTANCES BETWEEN MAIN KRUGER NATIONAL PARK CAMPS AND GATES

### IMPORTANT INFORMATION:

Distances taken on shortest tarred routes - on sand roads these can sometimes be shorter

Time estimated travelling at 25 km/h - this takes into account stopping for game viewing

The slower one travels, the more one sees

The maximum speed limit is 50 km/h on tar and 40 km/h on sand. This is to protect the wildlife that often wander into the roads there are traffic officers in the park!

Distance (km) / Travelling time (hh:mm)

	Skukuza	Shingwedzi	Satara	Punda Maria	Pretoriuskop	Phalaborwa Gate	Paul Kruger Gate	Pafuri Gate	Orpen	Olifants	Phabeni	Numbi	Mopani	Malelane	Lower Sabie	Letaba	Crocodile Bridge	Berg-en-dal
<b>Berg-en-dal</b>	72 / 02:55	344 / 13:45	165 / 06:35	415 / 16:35	92 / 03:40	285 / 11:25	83 / 03:20	453 / 18:10	213 / 08:30	219 / 08:45	90 / 03:36	97 / 03:50	281 / 11:15	12 / 00:30	113 / 04:30	234 / 09:25	149 / 06:00	0
<b>Crocodile Bridge</b>	77 / 03:05	306 / 12:15	127 / 05:05	377 / 15:05	125 / 05:00	246 / 09:50	88 / 03:30	415 / 16:35	175 / 07:00	181 / 07:15	115 / 04:36	130 / 05:10	243 / 09:45	141 / 05:40	34 / 01:20	196 / 07:50	0	149 / 06:00
<b>Letaba</b>	162 / 06:30	109 / 04:20	69 / 02:45	176 / 07:00	211 / 08:25	51 / 02:00	173 / 06:55	218 / 08:45	117 / 04:40	32 / 01:20	200 / 08:00	216 / 08:40	47 / 01:55	226 / 09:00	162 / 06:30	0	196 / 07:50	234 / 09:25
<b>Lower Sabie</b>	43 / 01:45	271 / 10:50	93 / 03:45	342 / 13:40	90 / 03:35	213 / 08:30	53 / 02:10	380 / 15:10	141 / 05:40	147 / 05:55	81 / 03:14	95 / 03:50	209 / 08:20	105 / 04:10	0	162 / 06:30	34 / 01:20	113 / 04:30
<b>Malelane</b>	64 / 02:35	333 / 13:20	156 / 06:15	408 / 16:20	85 / 03:25	277 / 11:05	74 / 03:00	444 / 17:45	204 / 08:10	210 / 08:25	82 / 03:17	94 / 03:50	272 / 10:55	0	105 / 04:10	226 / 09:00	141 / 05:40	12 / 00:30
<b>Mopani</b>	209 / 08:20	63 / 02:30	116 / 04:40	130 / 05:10	258 / 10:20	74 / 03:00	220 / 08:50	172 / 06:55	164 / 06:35	86 / 03:25	247 / 09:53	263 / 10:30	0	272 / 10:55	209 / 08:20	47 / 01:55	243 / 09:45	281 / 11:15
<b>Numbi Gate</b>	54 / 02:10	325 / 13:00	147 / 05:55	396 / 15:50	9 / 00:20	267 / 10:40	65 / 02:35	434 / 17:20	195 / 07:50	201 / 08:00	22 / 00:53	0	263 / 10:30	94 / 03:50	95 / 03:50	216 / 08:40	130 / 05:10	97 / 03:50
<b>Phabeni Gate</b>	39 / 01:34	309 / 12:22	131 / 05:14	380 / 15:12	24 / 00:58	251 / 10:02	34 / 01:22	418 / 16:43	175 / 07:00	185 / 07:24	0	22 / 00:53	247 / 09:53	82 / 03:17	81 / 03:14	200 / 08:00	115 / 04:36	90 / 03:36
<b>Olifants</b>	147 / 05:55	141 / 05:40	54 / 02:10	212 / 08:30	195 / 07:50	83 / 03:20	158 / 06:20	250 / 10:00	102 / 04:05	0	185 / 07:24	201 / 08:00	86 / 03:25	210 / 08:25	147 / 05:55	32 / 01:20	181 / 07:15	219 / 08:45
<b>Orpen</b>	137 / 05:30	226 / 09:00	48 / 01:55	297 / 11:55	184 / 07:20	167 / 06:40	152 / 06:05	335 / 13:25	0	102 / 04:05	175 / 07:00	195 / 07:50	164 / 06:35	204 / 08:10	141 / 05:40	117 / 04:40	175 / 07:00	213 / 08:30

<b>Pafuri Gate</b>	380 / 15:10	109 / 04:20	287 / 11:30	76 / 03:00	438 / 17:30	246 / 09:50	392 / 15:40	0	335 / 13:25	250 / 10:00	418 / 16:43	434 / 17:20	172 / 06:55	444 / 17:45	380 / 15:10	218 / 08:45	415 / 16:35	453 / 18:10
<b>Paul Kruger Gate</b>	12 / 00:30	283 / 11:20	104 / 04:10	354 / 14:10	60 / 02:25	224 / 09:00	0	392 / 15:40	152 / 06:05	158 / 06:20	34 / 01:22	65 / 02:35	220 / 08:50	74 / 03:00	53 / 02:10	173 / 06:55	88 / 03:30	83 / 03:20
<b>Phalaborwa Gate</b>	213 / 08:30	137 / 05:30	119 / 04:45	201 / 08:00	261 / 10:25	0	224 / 09:00	246 / 09:50	167 / 06:40	83 / 03:20	251 / 10:02	267 / 10:40	74 / 03:00	277 / 11:05	213 / 08:30	51 / 02:00	246 / 09:50	285 / 11:25

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	Skukuza	Shingwedzi	Satara	Punda Maria	Pretoriuskop	Phalaborwa Gate	Paul Kruger Gate	Pafuri Gate	Orpen	Olifants	Phabeni	Numbi	Mopani	Malelane	Lower Sabie	Letaba	Crocodile Bridge	Berg-en-dal
<b>Pretoriuskop</b>	49 / 02:00	318 / 12:45	140 / 05:35	389 / 15:35	0	261 / 10:25	60 / 02:25	438 / 17:30	184 / 07:20	195 / 07:50	24 / 00:58	9 / 00:20	258 / 10:20	85 / 03:25	90 / 03:35	211 / 08:25	125 / 05:00	92 / 03:40
<b>Punda Maria</b>	342 / 13:40	71 / 02:50	245 / 09:50	0	389 / 15:35	201 / 08:00	354 / 14:10	76 / 03:00	297 / 11:55	212 / 08:30	380 / 15:12	396 / 15:50	130 / 05:10	408 / 16:20	342 / 13:40	176 / 07:00	377 / 15:05	415 / 16:35
<b>Satara</b>	93 / 03:45	178 / 07:10	0	245 / 09:50	140 / 05:35	119 / 04:45	104 / 04:10	287 / 11:30	48 / 01:55	54 / 02:10	131 / 05:14	147 / 05:55	116 / 04:40	156 / 06:15	93 / 03:45	69 / 02:45	127 / 05:05	165 / 06:35
<b>Shingwedzi</b>	271 / 10:50	0	178 / 07:10	71 / 02:50	318 / 12:45	137 / 05:30	283 / 11:20	109 / 04:20	226 / 09:00	141 / 05:40	309 / 12:22	325 / 13:00	63 / 02:30	333 / 13:20	271 / 10:50	109 / 04:20	306 / 12:15	344 / 13:45
<b>Skukuza</b>	0	271 / 10:50	93 / 03:45	342 / 13:40	49 / 02:00	213 / 08:30	12 / 00:30	380 / 15:10	137 / 05:30	147 / 05:55	39 / 01:34	54 / 02:10	209 / 08:20	64 / 02:35	43 / 01:45	162 / 06:30	77 / 03:05	72 / 02:55

Distances from Bu shveld Camps a re only g iven to t he near est Main Rest Ca mp

<b>Bataleur</b>		38											65					
<b>Biyamiti</b>														39				
<b>Shimuwini</b>													45			66		
<b>Sirheni</b>		35		54														
<b>Talamati</b>			52						30									

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## AVERAGE MONTHLY AND SEASONAL TEMPERATURES (°C) OF THE KRUGER

### NATIONAL PARK

SEASON	TEMPERATURE	MONTH	PUNDA MARIA	SHINGWEDZI	LETABA	SATARA	SKUKUZA	PRETORIUSKOP	AVERAGE FOR KNP FOR MONTH	AVERAGE FOR KNP FOR SEASON
SPRING	AVERAGE DAILY MAXIMUM	SEP	28.8	30.5	30.3	29.1	29.3	27.9	29.3	30.1
		OCT	29.7	31.2	31.1	29.6	29.8	27.9	29.9	
		NOV	31.5	32.7	32.0	31.0	30.6	28.5	31.1	
	AVERAGE DAILY MINIMUM	SEP	15.7	13.8	14.6	14.1	12.8	13.5	14.1	16.4
		OCT	17.7	17.0	17.3	16.5	16.0	15.0	16.6	
		NOV	19.0	19.4	19.4	18.2	18.1	16.6	18.5	
	AVERAGE TEMPERATURE	SEP	22.2	22.2	22.5	21.6	21.0	20.7	21.7	23.2
		OCT	23.9	24.1	24.2	23.1	22.9	21.4	23.3	
		NOV	25.3	26.1	25.7	24.6	24.3	22.6	24.8	
SUMMER	AVERAGE DAILY MAXIMUM	DEC	31.6	33.4	33.3	32.3	31.9	29.7	32.0	32.4
		JAN	32.3	34.1	34.1	33.7	32.6	30.6	32.9	
		FEB	32.0	33.1	33.5	32.7	32.0	30.2	32.3	
	AVERAGE DAILY MINIMUM	DEC	20.2	20.7	21.0	20.0	19.7	18.1	20.0	20.4
		JAN	20.8	21.4	22.0	21.1	20.6	19.0	20.8	
		FEB	20.7	20.7	21.5	20.8	20.4	18.5	20.4	
	AVERAGE TEMPERATURE	DEC	25.9	27.1	27.2	26.1	25.8	23.9	26.0	26.4
		JAN	26.6	27.8	28.0	27.4	26.6	24.8	26.9	
		FEB	26.3	26.9	27.5	26.7	26.2	24.3	26.3	

SEASON	TEMPERATURE	MONTH	PUNDA MARIA	SHINGWEDZI	LETABA	SATARA	SKUKUZA	PRETORIUSKOP	AVERAGE FOR KNP FOR MONTH	AVERAGE FOR KNP FOR SEASON
AUTUMN	AVERAGE DAILY MAXIMUM	MAR	31.5	32.6	32.6	31.5	31.2	29.5	31.5	29.6
		APR	29.6	30.7	30.5	29.9	29.4	27.3	29.6	
		MAY	27.3	28.5	28.5	28.5	27.9	26.0	27.8	
	AVERAGE DAILY MINIMUM	MAR	19.9	19.8	20.5	19.6	19.1	18.0	19.5	16.1
		APR	17.8	16.7	17.1	16.8	15.4	15.3	16.5	
		MAY	14.8	11.4	12.0	12.9	10.0	12.0	12.2	
AVERAGE TEMPERATURE	MAR	25.7	26.2	26.5	25.5	25.2	23.7	25.5	22.8	
	APR	23.7	23.7	23.8	23.4	22.4	21.3	23.1		
	MAY	21.0	20.0	20.3	20.7	19.0	19.0	20.0		
WINTER	AVERAGE DAILY MAXIMUM	JUN	25.2	26.1	26.1	25.9	25.9	23.8	25.5	26.1
		JUL	24.9	26.4	26.4	25.9	25.9	24.0	25.6	
		AUG	26.5	28.1	28.1	27.3	27.3	25.7	27.2	
	AVERAGE DAILY MINIMUM	JUN	12.2	7.4	7.8	9.4	5.6	9.3	8.6	9.5
		JUL	12.3	7.7	8.5	10.0	5.7	9.5	9.0	
		AUG	13.5	10.1	10.8	11.8	8.7	11.0	11.0	
AVERAGE TEMPERATURE	JUN	18.7	16.8	17.1	17.6	15.7	16.5	17.1	17.8	
	JUL	18.6	17.0	17.4	18.0	15.8	16.7	17.3		
	AUG	20.1	19.1	19.5	19.6	18.0	18.4	19.1		

'Average temperature' is the average of maximum and minimum temperatures.

To convert to °Farhenheit:

Multiply °C by 9, divide the answer by 5, and add 32.

E.g.  $30^{\circ}\text{C} = [(30 \times 9)] / 5 + 32 = 86^{\circ}\text{F}$

### AVERAGE MONTHLY AND ANNUAL RAINFALL (mm) OF THE KRUGER NATIONAL PARK

MONTH	PUNDA MARIA	SHINGWEDZI	LETABA	SATARA	SKUKUZA	PRETORIUSKOP	AVERAGE NUMBER OF DAYS WITH RAIN
JAN	112	93	85	92	96	129	7
FEB	101	97	77	100	92	111	7
MAR	59	47	42	70	72	92	6
APR	33	29	27	28	35	52	3
MAY	10	11	10	12	14	19	2
JUN	6	5	4	7	8	9	1
JUL	5	5	7	7	9	10	1
AUG	4	5	6	7	7	12	1
SEP	13	20	15	18	24	28	2
OCT	29	36	31	37	35	55	4
NOV	68	64	67	75	75	100	6
DEC	92	92	87	94	86	119	7
AVERAGE ANNUAL TOTAL	532	504	458	547	553	746	47

**RFI KNP/01/19**

**RFI: Request for Information: Design, supply & Erection of Prefabricated Houses for staff accommodation at different camps at Kruger National Park**

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