

SANParks Conservation Support Project SP-KN-0181
Conservation Needs Survey - Tankwa Rangers (C/O Letsie Coetzee)

ID	ITEM	DESCRIPTION	UNITS	MOTIVATION	ESTIMATED UNIT COST	ESTIMATED TOTAL COST
1	CyberTracker	AIRIS T620 Pocket PC with integrated GPS	1	Collection of field information during routine ranger patrols. This information facilitates the effective environmental management and research of park-specific natural resources. With additional staff appointed and further animal releases into the park planned for 2009, an additional CyberTracker above the two already issued, will be helpful in monitoring new game released in the park.	R 2,500.00	R 2,500.00
2	Digital Camera	Fuji Finepix S2000HD with carry bag, 2GB memory card and battery charger	1	Documentation of natural processes (fixed point photography monitoring, etc.), photographing of evidence for law enforcement purposes, etc.	R 4,600.00	R 4,600.00
3	DVD Recorder	Sony-DCR-DVD650 with carry bag, memory disks and battery charger	1	Documentation of natural processes. The developmental phase of the park ensures many historic moments for the park, such as the current phase of game reintroductions. The availability of a video recorder will ensure that this wonderful experience will be documented to be experienced by many future generations.	R 5,500.00	R 5,500.00
4	Two-way radios	Kenwood KSC-31 Portable/hand with battery charger. Set-up of radios at Service Provider included	4	Additional 2-way radios are required to ensure each ranger is equipped with a radio while doing patrols and allows for radios to be charged while others are in use.	R 3,200.00	R 12,800.00
5	Stretchers	Stretcher Double Folding	2	This is an OHS requirement. 1 x Roodewerf Offices, 1 x Oudebaaskraal Station.	R 1,710.00	R 3,420.00
6	Fire Beaters	Rubber beater with aluminium handles - wooden handles break during prolonged use.	6	As part of the Suid-Roggeveld Fire Protection Association, the availability of fire beaters will give greater aid in the eradication of fires within the park and Greater Roggeveld region.	R 350.00	R 2,100.00
7	First-aid Kits	Vehicle First Aid Kit Bag with stock	4	This is an OHS requirement.	R 575.00	R 2,300.00
8	Head Immobiliser Block	Allmed Medical Supplies (Pty) Ltd - Immobilising of head/spine during suspected spinal injuries	2	Due to the distances from closest medical centres, it is deemed as a vital precautionary measure to have equipment available to deal with possible spinal injuries occurring within the park. 1 x Roodewerf Offices, 1 x Oudebaaskraal Station.	R 1,000.00	R 2,000.00
9	First-Aid Box	First-Aid Box for Roodewerf Office Complex	1	This is the central point to the park and requires adequate stock to deal with a number of possible eventualities.	R 435.00	R 435.00
10	First-Aid Box Stock	First-Aid Box Stock - Burn Kit / Spillage Kit / Hot/Cold Reusable Packs / Standard First-Aid Kit Stock	2	Roodewerf. This is the central point to the park and requires adequate stock to deal with a number of possible eventualities.	R 566.00	R 1,132.00
11	Patch Kit	Plug needle, puncture "scourer", adhesive + plugs in portable case.	3	The gravel roads in the park and region causes a higher than average occurrence of punctures to tyres. It is a very common occurrence to have two punctures at the same time. Having more than two spare tyres is impractical and the availability of a "patch kit" will aid rangers, as it will ensure that flat tyres are repaired in field speedily, limiting disturbance to work and also limiting the discomfort of rangers working in this terrain. Aid to tourists experiencing punctures can also be given.	R 400.00	R 1,200.00
12	Portable Compressor	Heavy Duty <i>LeisureQuip</i> or similar	3	The availability of a portable compressor will ensure that flat/repared tyres are inflated speedily. This ensures limited disturbance to daily work and limits the discomfort of rangers working in this terrain. Aid to tourists experiencing punctures can also be given.	R 950.00	R 2,850.00
13	2-ton Trolley Jack	Heavy Duty	2	Although vehicles are equipped with jacks, these are largely inadequate when a heavy load is carried on a vehicle - the normal jacks tend to fail under these circumstances. An additional jack is also deemed necessary in the event of vehicles getting stuck in 4x4 terrain.	R 750.00	R 1,500.00
14	Fire extinguishers	9kg Dry Powder/DCP Extinguishers	1	OHS requirement for use in truck.	R 1,200.00	R 1,200.00
15	Fire extinguishers	2.5kg Dry Powder/DCP Extinguishers	4	OHS requirement for use in other park vehicles - multi purpose use of extinguishers allows for extinguishing small veld fires as well.	R 750.00	R 3,000.00
16	Winch	2-ton winch to be mounted on one Conservation vehicle	1	Although the park is largely perceived as a desert area, heavy rains during winter and summer thunderstorms, frequently causes roads to be flooded. Guests to the park frequently experiences difficulty in crossing water courses and the availability of a winch will provide greater assistance in this regard. A winch will also provide assistance in maintenance of windmills in the place of the less safe, and higher man-power needs required by, a block-and-tackle.	R 7,500.00	R 7,500.00
17	Bakkie-sakkie	1000litre tank with pump	1	As part of the Suid-Roggeveld Fire Protection Association, the availability of a portable tank will give greater aid in the eradication of fires within the park and Greater Roggeveld region.	R 20,000.00	R 20,000.00
18	Head-lamps	<i>Petzl Tikkina</i> - Cape Union Mart	6	During nightly activities such as patrols or offloading of game to be released in the park, the use of torches are cumbersome and unpractical. The use of head-lamps ensures that both hands are free to continue work.	R 200.00	R 1,200.00
19	Multi-tools / Leathermans	Chaos - Cape Union Mart	6	Multi-tools assist the better functioning of field rangers within the veld. Emergency repairs will be possible, even with the required tools not available at the given point in time.	R 300.00	R 1,800.00
20	Ponchos		6	Lightweight rain gear for unpredicted rain, providing protection from rain with limited restriction to movement but also providing airflow preventing discomfort due to sweating beneath standard rain suits.	R 300.00	R 1,800.00
21	Camping Stoves	Portable <i>CampingGaz Bleuet 206</i> with 1x gas cartridge	3	Rangers are required to do overnight patrols for law enforcement purposes as well as repairs to fences. The vast area to be covered also includes mountainous terrain which makes the use of standard gas stoves and bottles unpractical.	R 350.00	R 1,050.00

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ID	ITEM	DESCRIPTION	UNITS	MOTIVATION	ESTIMATED UNIT COST	ESTIMATED TOTAL COST
22	Camping pots/ Cooking utensils	Portable camping cooking utensils - GoSystem GST101 (Cape Union Mart)	3	Rangers are required to do overnight patrols for law enforcement purposes as well as repairs to fences. The vast area to be covered also includes mountainous terrain which makes the use of standard cooking utensils unpractical.	R 365.00	R 1,095.00
23	Camping gas lamps	Portable CampinGaz Lumostar C270 PZ 80W lamps with gas cartridge	3	Rangers are required to do overnight patrols for law enforcement purposes as well as repairs to fences. The vast area to be covered also includes mountainous terrain which makes the use of standard gas lamps and bottles unpractical.	R 390.00	R 1,170.00
24	3-in-1 Jacket	K-Way Ranger Cape Union Mart	6	A lightweight jacket providing protection against cold winter conditions as well as rainy periods during patrols and general tasks.	R 1,700.00	R 10,200.00
25	Backpack	Venture 50	6	Rangers are required to do overnight patrols for law enforcement purposes, repairs to fences and monitoring of game, etc. within the mountainous sections of the park. This requires more packing space than a standard day pack provides.	R 750.00	R 4,500.00
26	Hiking cutlery	Portable Cape Union Mart	6	Rangers are required to do overnight patrols for law enforcement purposes as well as repairs to fences. The vast area to be covered also includes mountainous terrain which makes the use of standard cutlery unpractical.	R 55.00	R 330.00
27	Kettle	Outdoor/camping	3	Rangers are required to do overnight patrols for law enforcement purposes as well as repairs to fences. The vast area to be covered also includes mountainous terrain which makes the use of standard large cumbersome kettles unpractical.	R 120.00	R 360.00
28	Laptop Computer	HP Compaq 6730s / Intel Core2 Duo Processors T5870 (2.0) / 15.4" WXGA (1280 x 800 resolution) screen / Serial ATA hard drive 250GB (5400 rpm)	1	This computer will replace outdated equipment currently in use [asset number 801658 / HP Compaq nc6120].	R 9,600.00	R 9,600.00
29	Mountain Bikes	Avalanche ATX 250 Mountain bike	4	Implementation of bicycle patrols for increased area-integrity management in areas where vehicle patrols are not possible. This also furthers the monitoring of game as bicycle patrols are less disruptive than motor vehicles. A further advantage, more cost effective management of this vast area.	R 2,400.00	R 9,600.00
30	Gumboots	Gumboots, velt inners, zipped side.	6	Although largely a desert National Park, wet periods during winter months are experienced which makes field rangers' work with gumboots preferable to hiking boots. Work on windmills, water points, etc. also make the use of gumboots preferable.	R 200.00	R 1,200.00
31	Gloves	Pigskin	6	General purpose gloves to be used when doing fence work and general maintenance.	R 65.00	R 390.00
32	Spot-light	...Million Candle Power, battery chargers (220V & 12V) included	1	Aid in monitoring of game during night patrols as well as assists in law enforcement operations.	R 500.00	R 500.00
33	Water Bottles	Campmor Canvas 1000ml water bottle with strap.	6	Rangers require water bottles to comply with OHS Standards.	R 120.00	R 720.00
34	Cooler Case		6	Rangers are required to do overnight patrols for law enforcement purposes as well as repairs to fences. A cooler case will provide the ranger with a facility to store perishable goods while on a 2 or 3 day patrol.	R 120.00	R 720.00
					TOTAL	R 120,272.00

Tankwa National Park was proclaimed in 1986 and initially covered some 26,000ha. Nearly 24 years later, the park presently covers approximately 130,000ha.

The Park is still in a land consolidation and developmental phase, with further land acquisitions still planned. The Conservation Department was initiated in December 2005, with the appointment of a Section Ranger followed by two Field Rangers in April 2006. As of February 2009 our Conservation Team consist of six individuals - a small and young team looking forward to the challenges this exciting time in Tankwa National Park's history has to offer! One of the most notable challenges the Park currently has, is the lack of vital equipment for rangers to perform their duties - from basics such as Personal Protective Equipment to more technical equipment such as cameras and two-way radios.