4. DIGYA NATIONAL PARK

Digya National Park (DNP), situated partly in the Brong Ahafo, Ashanti and eastern Regions respectively, is the second largest park in Ghana, after Mole National Park (see fig.1). Three quarters of the park is bounded by water; on the north by the Sene river, and on the East by the Volta Lake and on the South East by the Obosum river. Covering an area of approximately 3,478.5 Km², it is one of the six National Parks in Ghana, and the first Wildlife Department (WD) protected area (PA) to be Established in the country. Digya falls under the Guinea Savanna classification Noted for its unique aquatic vegetation because of its proximity to the to the Volta Lake, it has an appreciable population of elephants and manatee.

The Management Plan for DNP, the result of a collaborative effort between WD counterpart staff and IUCN technical assistants, noted among other things that:

- (i) The park has a high enough Elephant population to warrant conservation and tourist interest.
- (ii) The presence of the manatee calls for urgent strategies for the conservation of this rare weed-eating water mammal.
- (iii) There is mistrust and suspicion of the WD by the local people because of lack of conservation education resulting in negative perception of the park by the people.

The Plan stipulates specific management objectives which include:

- To actively ensure the protection and maintenance of the physical, biological and aesthetic features of DNP.
- To realise the exploitation of the Park's enormous potential based on it's interesting features and lake facilities for recreation.
- To integrate the development of the park into that of the local communities to ensure cooperation and wider acceptance of the park's value.
- To improve the welfare, morale and capabilities of the field staff of WD.

To achieve the above objectives, the infrastructure and staffing requirements as well as other logistic support which has been neglected for years need to be provided, hence the costing detailed in this document. The costing are based on implementation of programmes described in the management plan.

4.1 INFRASTRUCTURE

4.1.1 Roads

Present Situation and Needs Assessment

Currently, there are no roads within the park and access to it from outside is a problem, *Proposed development*

Priority actions

Approximately a 50km road from Dome through Apapaso Nkaueku and Hwanyaso to Abomasu (See fig.12) would be constructed at an estimated cost of US \$125,000 as detailed in table 12 and 13.

Development Programme

As a later development, a good all-weather, profile graded road along the boundary from Hiamankyene to the Obosum river, a distance of 44 km will be constructed as an estimated cost of US \$ 440,000. The road will give easy access to the southern parts of DNP by the anti-poaching team, serve as permanent boundary and as an effective fire break. A total of 252 km of circulatory road network estimated at US \$2,950.000 will be established within DNP primarily for access to the range camps, for game viewing and to act as fire break. (see fig.12)

It is estimated that the construction of the above road network will involve about two major bridges (preferably Bailey Bridges) and approximately 34 culverts all estimated to cost US \$250,000 and US \$100,000 respectively. The details are given in table 14.

4.1.2 Staff Accommodation

Present Situation and Needs Assessment

With the exception of Dome, Saabuso, Bomire and Apapasu camps, most of the staff accommodation is in a very deplorable state. Many of the buildings in these camps are mud and wattle houses roofed with thatch which have been seriously damaged by termite infestation. The existing buildings need to be refurbished and additional ones constructed to offer decent accommodation to the rest of the staff.

Proposed Development

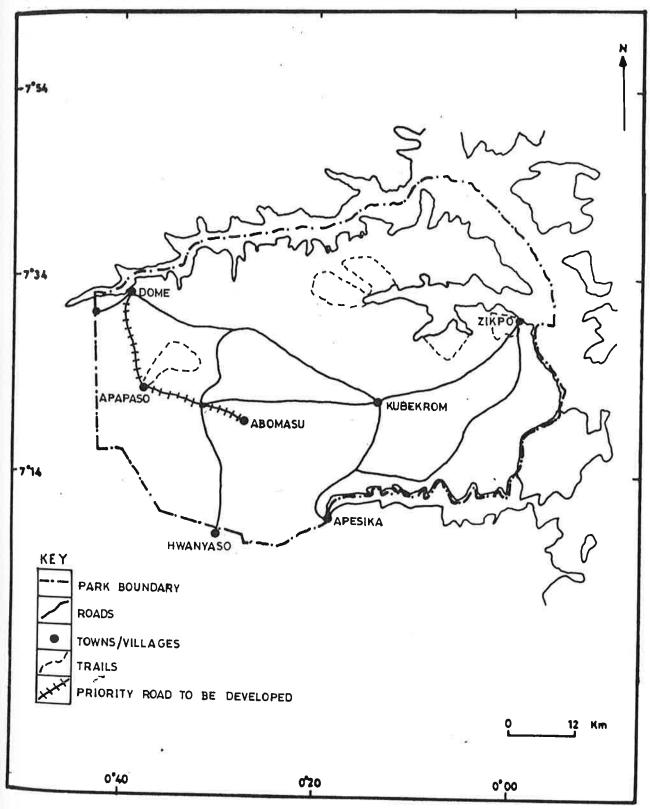
Priority actions

As an immediate need, a new DNP HQ will be constructed at Kwame Danso where a new park office, stores, one middle grade and two junior staff accommodation would be developed at an estimated cost of US \$ 90,000, US \$ 20,000 and US \$ 30,000 respectively. The run-down buildings at Apapaso would be refurbished as at a cost of US \$ 50,000 and two bores holes provided for Dome and Apapasu at an estimated cost of US \$40,000. Details of these costing are given in table12 and 13.

Development Programme

The development of the park HQ would be completed with the construction of one senior staff bungalow, one middle grade accommodation, four junior staff quarters and provision for water and electricity at an estimated cost of US \$170,000.

FIGURE 12 : DIGYA NATIONAL PARK ROAD AND TRAIL DEVELOPMENT



BY: DAVID ANNOHENE

A system of four ranges is proposed for DNP to enhance the efficient and effective management of the park and this will require the establishment of range camps, at Dome, Zikpo, Apensika and Hwanyaso (see fig 13) All staff currently at the existing camps will be apportioned among the four new range camps, thereby abandoning the old camps. About 28 staff and their families will be stationed at each of the new range camps. However, the abandoned camps would still be retained as duty posts for the park's mobile anti-poaching team. The development of each range camps is estimated to cost US \$ 265,000 giving a total of US \$ 1,060,000 for the four range camps. Detail these the costing of these developments are shown in table 14

4.1.3 Boundary Demarcation

Present Situation and Needs

Three quarters of DNP is bounded by water; on the north by the Sane river, on the east by the Volta lake and on the "South - east by the Obosum river. The land boundary is located on the western and South-Western part of the park and is pillared from Sane at Hiamankyene to Asesewa. The rest of the boundary to Obosum is unpillared and has been a source of conflict with the indigenous communities.

Proposed Development

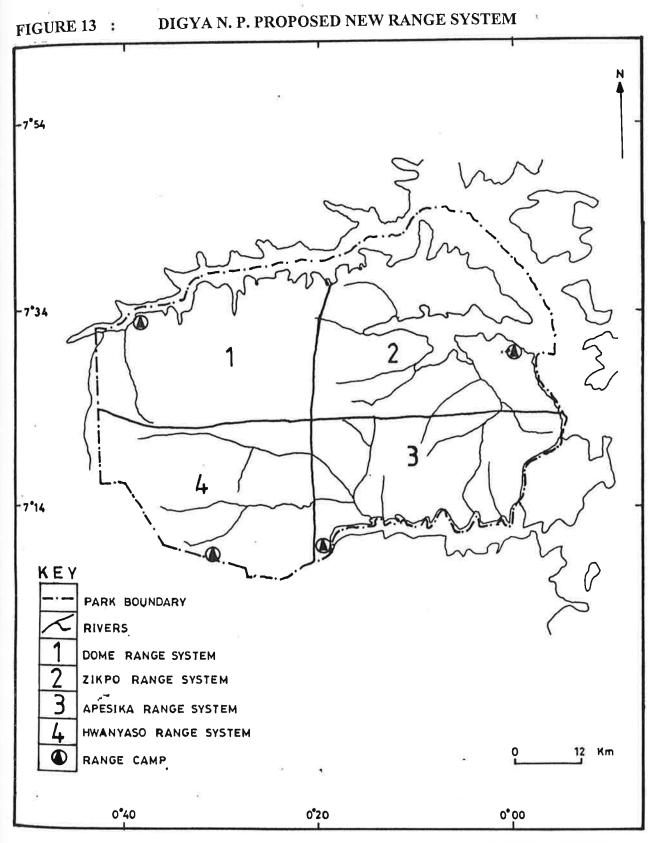
Priority Actions

The presently recognized and undemarcated sections would be unambiguously marked and pillared using the Global Positioning System (GPS) satellite device at an estimated cost of US \$ 12,000 as detailed in tables 12 & 13. The land boundary from Hiawankyene to Obosum river will be signposts with "No Entry" signs toward of trespassers. A system of directional signs to the park will be positioned at Atebubu, Bantma, Mame Krobo Junction and Kwame Danso. All roads and road junctions within the park will be sign posted to give right Orientation to visitors. Signs will bland with the environment and will also make use of local materials. The signage development for the park is estimated to cost US\$ 50,000 as detailed in tables 12 & 13.

4.1.4 Visitor Facilities

Present Situation And Needs Assessment

Presently, there are no accommodation facilities for visitors to DNP who might want to stay a day or two to enjoy the attractions it has to offer. The nearest hotel can be found in Atebubu about 50 km from the nearest point of the park. There is also no entrance gate.



BY: DAVID ANNOHENE

Proposed Development

Development Programme

Three low visitor accommodation using local materials estimated to cost US \$19,500 will be constructed at Dome, Zikpo and Nkaneku. Two entrance gates to cost US \$56,000 will be established at Dome and Zikpo. Three camp sites estimated to cost US \$5,400 will be developed at suitable locations in the four ranges namely Apesika, Dome, Zikpo and Hwanyanso and Ten observation hides using local materials to cost about US \$5000 will be developed at Dome. Zikpo, Hwanyanso and Apesika. Two visitor centers with souvenir shops estimated at US \$56,000 (i.e. \$28,000 each) will be constructed at Dome and Zikpo. The details of these costing are provided in table 14.

4.1.5 Walking Trails

Present Situation and Needs Assessment

Experience from Mole National Park and other places in the world have indicated that visitors enjoy having an early morning walk into the wilderness without being confined to a vehicle. Similar facilities will be developed at DNP. Hence, the park will be provided with well sign-posted and labelled trails (See fig.12).

Proposed Development

Development Programme

As recommended in the management plan, only trails should be the means of access for the public in the protected zone (See fig.12) In view of this, walking trails would be developed from Zipto range camp to suitable places of interest along the Digya river, particularly, in the riverine forests. Trails will also be developed unto the other parts of the wilderness zone from one camp sites/tented accommodation to the other and from Apapaso Safari Lodge into the Sibi forest and other places of interest. The total distance of these walking trail is estimated at 110 km and will cost approximately US \$ 52,800 to construct as detailed in table14.

All these trails will lead to places of interest where animals frequent or of scenic or natural beauty. The construction of trails will be implemented only after a thorough investigation by the Senior Wildlife Officer in charge of the park.

Five of the sixteen manned camps in the park border the Sene river and three the Obosum river. The staff of these camps utilise the water of these rivers as a source of drinking water. On the other hand, there is the problem of contraction of water borne diseases such as bilharzia and guinea worm. The other eight camps experience acute water shortage during the dry season. Staff in these camps have to go long distances on foot and some times on bicycles to be able to get to water. As a pressing need, US \$ 40,000 has been estimated for the sinking of two boreholes at Dome and Apapasu. The details of the costs of these Infrastructural needs at DNP are given in tables 12 & 13.

4.2 EQUIPMENT

4.2.1 Vehicles

Present Situation And Needs Assessment
Currently, one transport facilities in Digya National Park are as shown in table 10:

Table 10: Present transport facilities of Digya National Park and their conditions

Type of Vehicle	Qty.	Approximate Year	Condition	Source	Remarks
	4	of Manufacture			
4WD-Pick-up	1	1990	Serviceable	FRMP	
(Toyota)					
4WD-Pick-up	1	1995	Serviceable	FRMP	
(Nissan)					
4WD-Pick-up	1	1985	unserviceable	Friends of	Donation
(Dodge)				Animals	
				(FOA)	
4WD-Tractor	1	1995	Serviceable	FRMP	
(Ford)					
Motor-bike	2	1993	unserviceable	FRMP	
(Honda)					

All these vehicles are based at Atebubu, the park HQ and for the use of the Senior Wildlife Officer for administrative and field duties. All camps that are situated along the scene and Obosum rivers have been provided with canoes for patrol duties. However, they are all leaking badly and need replacement. The numbers and type of vehicles available are inadequate for the present and planned development and management of DNP.

Proposed Development

Priority Actions

As an immediate need, one 4WD tractor (with scraper, back-hoe, auger and trailer), two 4 WD vehicles, one towing bowser, two boats with outboard motors, five motor bikes and forty bicycles all at a total cost of US \$ 121,000 would be provided as detailed in table 12 & 13.

Development Programme

For the successful implementation of the range management system, there is the pressing need for additional vehicles to be supplied to DNP. The following additional vehicle will be required: One 4WD tractor (with scraper, auger, back-hoe and trailer) estimated at US \$ 35,000 for road works', 4 x 4WD tractors for carting supplies, one to be based at each of the four range HQ estimated at US\$ 30,000 each giving a total of US\$ 120,000, 5 x 4WD vehicles for anti-poaching operations but one of which should be a trekking vehicle for the park manager. Four of the 4WD vehicles should preferably be pick-ups estimated at US\$ 35,000 per vehicle giving a total of US\$ 140,000. The trekking vehicle would be a cross-

country 4WD vehicle estimated at US \$ 40,000. Five motorbikes at US \$ 4,000 per bike and 100 bicycles at US \$80 per bicycle would also be procured for the middle grade technical staff and the Junior staff respectively. 3 x 17 - footer patrol boats with outboard motors would also be provided at an estimated cost of US \$ 15,000 per boat totalling US \$ 45,000. The boats would not be used only for patrol duty but also for ferrying tourists around the lake. The total cost of additional vehicles is estimated at US \$ 408,000 as detailed in table 14

4.2.2 Other Equipment

• Communication Equipment

Present situation and needs assessments

The installation of Motorola at the Park HQ at Atebubu has improved communication link between the park HQ and Accra and the other protected areas. However, it is essential to have a radio network between range camps and the park HQ.

Proposed Development

Priority Action

An intra - park radio communication network connecting all ranges and camps would be established at an estimated cost of US \$26,500 using Radio VHF/HF Equipment including mobiles.

•Field Equipment

Present Situation And Needs Assessment

Field equipment had been supplied in the past through the normal budgetary allocation (FEA) however, supplied had been insufficient and inconsistent due to inadequacy of the votes. Since 1990 when WD started benefiting from FRMP funding, supply of field equipment improved significantly as uniform were supplied twice annually and other field equipment and maintenance tools about once every four years.

Proposed Development

Priority Actions

A 5 year supply budget for uniform at an estimated cost of US\$57,600 and field equipment as estimated cost of US\$36,000 would be provided.

Development Programme

To continue with the consistency of supply, a 10 -year supply budget for uniform estimated at US \$225,000 would be provided and estimated amounts of US\$ 34,900 and US \$3,000 provided for the supply of field equipment and maintenance tools respectively as retailed in tables 12 and 14.

Office Equipment

Present Situation And Needs Assessment

Formally the administrative office of DNP use to be housed in a rented private house but now it is housed in a building provided by the District Assembly in 1995. The Office comprises three rooms and a store. The equipment presently available in the office are as shown in table 11.

Table 11: Present Office Equipment at Digya National Park and Approximate Year of Supply

Equipment	Type	Qty.	Approx.	Source	Remarks
			Year of		
			Supply		
Furniture	Table	7	1989	WD	From MNP
	Chair	5	1989	WD	From MNP
	Arm-Chairs	3	1989	WD	From MNP
File	Metal	4	1992	FRMP	
Cabinet					
Typewriter	Mechanical	3	1992	FRMP	Only one
					serviceable
Office Safe		2	1989	WD	From MNP

The above equipment are obsolete and should be replaced with more modern equipment for the efficient functioning of the administrative setup.

Proposed Development

Priority Actions

A 100KVA electric generator a computer with software, Laser printer, a universal power stabiliser, a facsimile unite, Modem, a photocopier, and an office safe would be provided for the new office to be developed at Kwame Danso at an estimated cost of US \$ 17,400 as detailed in tables 12,13

Education (Outreach) Equipment

Present situation and needs assessment.

Digya National Park, no doubt, has enormous potential for tourism based on its interesting features and lake facilities for recreation. The present elephant population in the park is high enough to warrant conservation and tourist a interest. The presence of manatee calls for urgent conservation measures to save them. All this necessitates a vigorous outreach programme to be directed towards the local communities and visitors to the park.

Proposed Development

Development Programme

Audio-visual equipment namely a video camera, video editing equipment, video (VTR) video screen and 35 mm SLR still Camera with telephoto lenses estimated to cost US \$ 7,300 would be procured.

An amount of US \$ 27,000 has also been estimated for the publishing of guide books brochures, posters and the provision of display cabinets. The details of these costs are provided in table 14.

4.3 OPERATIONS AND MAINTENANCE

4. 3.1 Vehicles, Plant And Equipment

Present situation and needs assessment.

The funds for recurrent expenditure, which includes, operations and maintenance of vehicles, plants and equipment for DNP are provided by Government via Financial Encumbrance Adjustments (FEAs). However the funds are grossly inadequate. For the efficient running of DNP, the range of vehicles, plants and equipment presently available and those planned for acquisition will be required to be regularly maintained on regular service schedules.

Proposed Development

Priority Actions

A 5-year operations and maintenance budget has been worked out for new vehicles, plants and equipment to be purchased, the old existing vehicles and provision of stationery, all at a total estimated cost of US \$ 130,500 as detailed in table 12 & 13.

Development Programme

As later development, a 5-year operations and maintenance budget has been drawn for the park's vehicles and plants totalling US \$ 410,000 as detailed in table 14.

4. 3.2 Roads and Buildings

Present Situation and Needs Assessment.

Presently, there are no roads in DNP to be maintained. However, for the future maintenance of the new roads envisaged for the park, it is considered cost effective to institute a road maintenance unit to be equipped with the array of road maintenance tools to be procured and provided with other necessary logistics. The unit will be tasked with the routine maintenance of the park's roads as well as the construction of new ones where feasible. The new buildings envisaged to be constructed in the park would have to be maintained on regular basis.

Proposed Development

Development Programme

A 5-year budget for on amount of US \$ 75,000 has been estimated for the maintenance of the roads and buildings to be developed in the park as detailed in table 14.

4.4 TECHNICAL ASSISTANCE AND SUPPORT SERVICES

Present Situation and Needs Assessment.

There has been very little formal conservation education with the resultant general lack of knowledge as to the purpose of the park's creation. There is, therefore, lack of appreciation for the park. This lack of appreciation could be due to the fact that the first users of the land were hunters who operated without restraint. The farming and fishing communities see the reservation of the park as an obstacle to their aspirations. Efforts were made in the past to evacuate the settler farming and fishing communities from the park. However, the efforts were not sustained as approximately 70% of the communities that were ejected returned to settle in the park. There is, therefore, a major resettlement problem to be solved for DNP before any meaningful conservation programme can be embarked on in the park.

Meanwhile, in general, the relationship between WD field staff and local communities around the park is reasonably cordial. There is, however, on doubt that WD staff are still viewed with suspicion and mistrust by the local people resulting in persistent conflicts between them and the staff over law enforcement and illegal exploitation of the parks resources.

On the other hand, there is now the recognition for the need of local communities living close to Protected areas to be involved in their Management and development. This participatory approach has been adopted world-wide in recognition of the fact the support and cooperation of local people are critical for the combined survival of Protected areas and DNP is no exception.

In order to achieve the above, the following strategies would be adopted:

- (i) Consultations with the local people would be held to expel the suspicion and mistrust they have harboured over the years for contemporary PA Management systems. This is to win their support and full co-operation for the new approach envisaged for the running of DNP.
- (ii) Help solve conservation problems of the local communities around the park and help bring their perspectives unto the new Management approach.
- (iii) Assist in the formation of Community Conservation groups or Committees (CCC) in the local communities.
- (iv) Organise the training of interested local people in appropriate technologies e.g. Bee Keeping, (small mammal breeding) for example cane rat etc.

- (v) Assist the local communities to identify and initiate community conservation programme for instance, community wildlife management as proposed in the DNP management plan.
- (vi) Assist the local communities to identify alternative Economic bases within their localities and help to develop them.
- (vii) Assist community elders and leaders to identify important sacred and historical sites within DNP, for a example, the Nsogyanafo shrine (Kafrimosia). These sites may eventually be developed in accordance with their traditional values for tourism where permissible.

The above are but some of the additional and essential responsibilities that confront DNP management with the anticipated new management system. On the other hand, the staff presently at post lack the required expertise to handle these new responsibilities. Two senior technical staff need to be appointed as community liaison officers to be trained to enable them to serve as a link between WD and the communities. There is, therefore, a clear need for a well qualified professional, preferably, an Interpretative Technical Adviser who would not only handle and advise on the new area of community conservation (CC) but also address responsibility of the interpretative problem identified for DNP and most important of all train suitable staff on the job who would eventually take over.

Considering the magnitude of the responsibilities envisaged for the (CC) initiative at DNP, an NGO input to handle some aspects of the strategies to be adopted is considered imperative.

The formation of a Management Advisory Board (MAB) is important if (CC) is to successfully take off at DNP. Consequently, MAB headed by the Senior Wildlife Officer in charge needs to be convened with the district assembly, traditional authorities and representatives from community conservation communities (CCC) as members. The main functions of the Board, among other things, will be to assist with the implementation of the management of DNP, catalyse local conservation initiatives, oversee protection of cultural sites and allocate limited rights to the local communities for the use of the botanical resources of the Park.

Proposed Development

Development Programme

In respect of the development of (CC) initiatives at DNP and to address the need for a Technical Advisor, the following actions need to be taken as a matter of priority:

Contracting a well qualified Technical Advisor / Volunteer for a limited period of time to advise on the (CC) initiative in DNP, handle the interpretative problem, and most important of all train suitable staff on the job. An amount of US\$15,000 for a 5-year period has been budgeted for such a TA.

Contracting a minimum of two NGOs to among other things, tackle strategies (i) to (vi) identified in section 4.1.4 (a) above for a period of 5 years for which an amount of US\$100,000 have been budgeted.

Formation of MAB and CCC as important pre-requisites for the successful take off of (CC) at DNP. An amount of US\$50,000 has been budgeted for a period of 5 years to cater for administrative requirements, logistics etc. that are inevitable for the convening of meetings and formation of bodies of this nature.

The Liaison officers that would be appointed have a crucial role to play at the initial stages or the teething period of (CC) at DNP. A budget of US\$50,000 has, therefore, been provided to cater for allowances training and other logistics support for their operations.

Later as the strategies identified in paragraph 4.1.4 (a) above are being developed, funds have to be provided to finance any alternative income generating activity that would be identified in the local communities.

This is considered extremely important to further consolidate their trust and co-operation in the (CC) initiative.

An amount of US\$250,000 for a 5- year period has been budgeted for to finance any such viable project (s) where possible and feasible.

Details of the costing of the TA / Support Services are given in tables 12,&14

50,000 25,000 30,000 150,000 317,500 7,059,800 8,150 34,300 576,000 7,600 1,790,000 198,700 180,150 363,000 45,000 408,000 30,500 262,900 338,850 258,500 3,300,000 5,476,450 FULL IMPLEMENTATION COST S \$ 166,500 75,000 241500 857.1 14,000 94,200 21,400 121600 125,000 12,000 190,000 000'9 40,000 373000 107,000 121000 6,000 TOTAL US\$ 12,000 9'000 40,000 373,000 373,000 125,000 NRMP SITE ns & COREBUDGET 107,000 14,000 121000 000'9 94,200 121600 166,500 75,000 241500 484.1 NRMP. GENERAL US \$ Table 12: Digya National Park - Summary Budget ield Equipment(Incl. Uniform, Maint. Tools) Other Developments (Water supply etc.) INFRASTRUCTURE (CIVIL WORKS) Camp sites, Observation Hides etc..) Office Equipment(Incl. Stationery) **DPERATIONS & MAINTENANCE** TECHNICAL ASSISTANCE AND Road Network (including Culverts, Education (Outreach) Equipment Vehicles, Plant and Equipment Visitor Facilities (Walking Trials Communication Equipment SUPPORT SERVICES Boundary Demarcation Scientific Equipment Buildings, Roads etc. Staff Accommodation Parking Area etc.) **Technical Advisor** Other Equipment (5-Year Budget) (5-Year Budget) Liaison Officers MAB and CCC Pilot Projects EQUIPMENT Motor Boats Sub-Total Sub-Total Sub-Total Sub-Total Sub-Total TOTAL Vehicles ITEM

Table 13: Digya National Park : Management Plan Implementation - Detailed Cost of Priority Items (US 000)

				QUA	NTI	ΤΥ							BASE	COST		
TEM	UNIT	1998					2003 T	OTAL	UNIT	1998	1999	2000		2002	2003 T	DTAL
NVESTMENT COSTS																
NFRASTRUCTURE														0.5		14230
Renovate existing facilities at Apapaso	Lsum				0.5	0.5		1	50.0				25	25		50.
New Park Offices & Stores at Kwame Danso	m²		0.5	40.0	300			300	0.3		CO 5	44.5	90.0			90.
Dome-Apapaso- Nkaneku-Abomasu (Road)	Km Lsum		25 1	16.6	8.4			50 2	2.5 20		62.5 20.0	41,5	21 20.0			125.
Water Supply (Boreholes) Boundary Demarcation / Pillaring	km		20	20	20			60	0.2		4.0	4.0	4.0			12.
Signage	Lsum		20	20	0.5	0.5		1	5.0		4.0	7.0	2.5	2,5		5.0
Weather Station	No		1		0.0	0.0		1	1.0		1.0		2.0	2.0		1.0
Staff Accommodation (Middle Grade Qtrs.)	No		1					1	20		20					20.0
Staff Accommodation (Junior Staff Qtrs.)	No			2				2	15			30				30.0
Sub-Total											107.5	75.5	162.5	27.5		373
EQUIPMENT																
Vehicles																
4WD (4 Door)	No		11					1	20		20.0					20.0
4WD (Double Cabin Pickup)	No		1					1	15		15.0					15.0
Tractor with Trailer	No		1					1	30		30.0					30.0
Tractor Accessories (Incl., Scraper	No		1					1	10		10,0					10.0
Towing Boswer	No		1	27				1	5		5.0					5.0
Motor Boat with fibreglass hull	No			1				1	6			6				6.0
Motor Boat (25hp Outboard Motor)	No			10				5	8		4.5	8				8,0
Motor Bikes	No No		5					40			15					15.0
Bicycles Sub-Total	No		40					40	0.3		107.0	14				121.0
Other Equipment			_		_	_	_	_		_			_			121.0
Communication Equipment																
Radio VHF/HE Mobiles	No		10					10	0_6		6					
502490.000								-	3.5		6					ē
Field Equipment																385
Field Set (Bed, Rucksack, Net,																
Water bottle, Eating Utensils, etc.)	set		120					120	0.15		18.0					18.0
Camp Cookers	No		10					10	0.03		3.0					3.0
First - Aid Boxes	No		10					10	0_1		1.0					1.0
Anti-Snake Serum Kit	set		6					6	0.1		0.6					0.6
Chain saw	No		1					1	1,5		1.5					1.5
GPS	No		2					2	0.2		0.4					0.4
Binoculars Diametra Company	No		10					10	0.2		2.0					2.0
Prismatic Compass	No		3					3	0.04		0.12					0.12
Tents Water Filters	No No		6 6					6 6	0.3		1.8 0.09					0.09
Fire Extinguishers	No		2					2	0.06		0.12					0.12
Solar Lighting System	No		4					4	2		8.0					0,12
Sub-Total									_	_	36,6					36.6
Uniform	set	150	150	150	150	150	150	900	0.025	3.75	3.75	3.75	3.75	3.75	3.75	22.5
Boots	pairs	120	120	120	120	120	120	720	0.03	3,6	3.6	3.6	3.6	3.6	3.6	21.6
Belt, Berets	set	50	50	50	50	50	50	300	0.045		2.25	2.25	2.25	2.25	2.25	13.5
Sub-Total										9,6	9.6	9.6	9,6	9.6	9.6	57.6
Office Equipment								1000					_			
Generator (100 kva)	No				1			1	5				5			5.0
Computer Incl., Software) Laser Printer	No				1			1	3.5				3.5			3.5
Universal Power Stabilizer	No No							1	0.5				1.0 0.5			0.5
Photocopier (Small)	No							1	2.0				2.0			20
Modem	No				- 1			-1	0.5				0.5			0.5
Facsimile Unit	No				1			-1	0.75				0.75			0.75
Office Furniture	No				1			- 1	4.0				4			4.0
Office Safe	No				1			1	0.15				0.15			0.15
Sub-Total													17,40			17.40
OPERATIONS AND MAINTENANCE															1,000	
Stationery	Year		1	1	1	1	1	5	0.8		0_8	0.8	0.8	0.8	0.8	4.0
											0.8	0.8	0,8	0,8	0.8	4.0
Equipment																
Vehicles			0.020	- 01	52	52	16	_								
Material Dept. 10	Year		- 1	1	1	1	1	5	3.0		6.0	6.0	6.0	6,0	6.0	30.0
Motor Boat x 2					- 1	1	1	5	2.5		2.5	2.5	2.5	2.5	2.5	12.50
4WD (4 - Door) x 1	Year		1	20	20	- 34			2.5		7.5	7.5	7.5	7.5 7.0	7,5 7,0	37.50 35.0
4WD (4 - Door) x 1 4 WD(Double -Cabin Pick-up x 3	Year Year		1	ĵ	1	1	1	5			7 0				7,0	5.0
4WD (4 - Door) x 1 4 WD(Double -Cabin Pick-up x 3 Tractor with Trailer x 2	Year Year Year		1	1	1	1	1	5	3,5		7.0	7.0	7.0		1.0	5.6
4WD (4 - Door) x 1 4 WD(Double -Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1	Year Year		1	1		1					1.0	1.0	1.0	1.0	24.0	
4WD (4 - Door) x 1 4 WD(Double -Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total	Year Year Year		1	1	1	1	1	5	3,5						1.0 24.0	120
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment	Year Year Year		1	1	1	1	1	5	3,5		1.0	1.0	1.0	1.0		
4WD (4 - Door) x 1 4 WD(Double -Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment	Year Year Year Year		1 1	1	1	1	1	5 5	3,5 1		1.0 24.0	1.0 24.0	1.0	1.0		
4WD (4 - Door) x 1 4 WD(Double -Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10	Year Year Year		1	1	1	1	1	5	3,5 1		1.0	1.0	1.0	1.0	24.0	120
4WD (4 - Door) x 1 4 WD(Double -Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total	Year Year Year Year		1 1	1	1	-	1	5 5	3,5 1		24.0	1.0 24.0	1.0 24.0	1.0 24.0	24,0	120
4WD (4 - Door) x 1 4 WD(Double -Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment	Year Year Year Year		1 1	1	1	1	1	5 5	3,5 1		24.0	1.0 24.0	1.0 24.0	1.0 24.0	24,0	10
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl (soft Ware)	Year Year Year Year Year Year		1 1		1 1 1 1	1 1	1	5 5 5 5	3.5 1 0.2 3.6 0.5		24.0 24.0 2.0 2.0	24.0 24.0 2.0 2.0	24.0 24.0 2.0 2.0	2.0 2.0 2.0 3.6 0.5	24.0 2.0 2.0 3.6 0.5	12 1 1 1 1 2
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl (soft Ware) Laser Printer	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1	1 1 1	1 1 1 1	5 5 5 5 5 5	3.5 1 0.2 3.6 0.5 0.5		1.0 24.0 2.0 2.0 3.6 0.5 0.5	2.0 2.0 2.0 3.6 0.5 0.5	2.0 2.0 2.0 3.6 0.5 0.5	2.0 2.0 2.0 3.6 0.5 0.5	24.0 2.0 2.0 3.6 0.5 0.5	12 11 11 12 2
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl. (soft Ware) Laser Printer Universal Power Stabilizer	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1	1	1 1 1 1	1 1 1	1 1	5 5 5 5 5 5	3.5 1 0.2 3.6 0.5		1.0 24.0 2.0 2.0 3.6 0.5	2.0 2.0 2.0 3.6 0.5	2.0 2.0 2.0 3.6 0.5	2.0 2.0 2.0 3.6 0.5 0.5 0.4	24.0 2.0 2.0 3.6 0.5 0.5 0.4	12 1 1 1 2 2 2
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl (soft Ware) Laser Printer Universal Power Stabilizer Photocopier (Small)	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5 5 5	3.5 1 0.2 3.6 0.5 0.5		1.0 24.0 2.0 2.0 3.6 0.5 0.5	2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4	2.0 2.0 2.0 3.6 0.5 0.5	2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4	24.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4	12 1 1 1 2 2 2 2
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl. (soft Ware) Laser Printer Universal Power Stabilizer Photocopier (Small) Modem	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	5 5 5 5 5 5 5 5	3.5 1 0.2 3.6 0.5 0.5 0.4 0.4 0.3		1.0 24.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3	2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4	1.0 24.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.4	2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3	2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4	12 1 1 1 2 2 2 2 2 1.
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl. (soft Ware) Laser Printer Universal Power Stabilizer Photocopier (Small) Modem Facsimile Unit	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	5 5 5 5 5 5 5 5 5	3.5 1 0.2 3.6 0.5 0.5 0.4 0.4 0.3 0.3		1.0 24.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3 0.3	2.0 2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3	1.0 24.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3 0.3	2.0 2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3	2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3	12 1 1 1 2 2 2 2 2 1.
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl. (soft Ware) Laser Printer Universal Power Stabilizer Photocopier (Small) Modem Facsimile Unit Office furniture	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	5 5 5 5 5 5 5 5 5 5	3.6 0.5 0.5 0.4 0.4 0.3 0.3 1.0		2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3 0.3 1.0	2.0 2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0	1.0 24.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3 0.3 1.0	2.0 2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0	2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3 0.3	120 11 11 12 2 2 2 2 2 1. 1. 1. 5.
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl. (soft Ware) Laser Printer Universal Power Stabilizer Photocopier (Small) Modern Facsimile Unit Office furniture Office Safe	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	5 5 5 5 5 5 5 5 5	3.5 1 0.2 3.6 0.5 0.5 0.4 0.4 0.3 0.3		2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3 0.3 1.0 0.3	2.0 2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0 0.3	1.0 24.0 2.0 3.6 0.5 0.5 0.4 0.3 0.3 1.0 0.3	2.0 2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0	2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0	12 1 1 1 2 2 2 2 2 1 1. 5 5
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl. (soft Ware) Laser Printer Universal Power Stabilizer Photocopier (Small) Modem Facsimile Unit Office Gurniture Office Safe Sub-Total	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3.5 1 0.2 3.6 0.5 0.5 0.4 0.4 0.3 0.3 1.0		2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0 0.3 7.3	2.0 2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0 0.3 7.3	1.0 24.0 2.0 3.6 0.5 0.5 0.4 0.3 0.3 1.0 0.3 7.3	3,6 0,5 0,5 0,4 0,3 0,3 1,0 0,3 7,3	24.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3 1.0 0.3 7.3	12 1 1 2 2 2 2 1. 1. 5, 1.
4WD (4 - Door) x 1 4 WD(Double - Cabin Pick-up x 3 Tractor with Trailer x 2 Towing Bowser x 1 Sub-Total Other Equipment Communication Equipment Radio VHF/HF Mobiles x 10 Sub-Total Office Equipment Generator (100 x KVA X) 1 Computer Incl. (soft Ware) Laser Printer Universal Power Stabilizer Photocopier (Small) Modem Facsimile Unit Office furniture Office Safe	Year Year Year Year Year Year Year Year		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	5 5 5 5 5 5 5 5 5 5	3.6 0.5 0.5 0.4 0.4 0.3 0.3 1.0		2.0 2.0 2.0 3.6 0.5 0.5 0.4 0.4 0.3 0.3 1.0 0.3	2.0 2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0 0.3	1.0 24.0 2.0 3.6 0.5 0.5 0.4 0.3 0.3 1.0 0.3	3,6 0,5 0,5 0,4 0,3 0,3 1,0 0,3 7,3	2.0 2.0 3.6 0.5 0.4 0.4 0.3 0.3 1.0 0.3	12 1 1 1 2 2 2 2 2 1.

Table 14: Digya National Park -Management Plan Implementation Cost of Full Programme

	EXPEND	LOCATION	UNIT	UNIT COST US \$	QUANTITY	TOTAL AMOUNT
	TYPE			55,		
OADS						
eriphery road	cw	Hiamankyene-Obosum river	km	10,000	44	440,00
irculatory Roads	cw	Saabuso-Apapaso	km	9,000	10	90,00
	cw	Zikpo - Kubekrom	km	10,000	25	250,00
	cw	Kubekrom - Apapasu	km	10,000	36	360,00
	cw	Apapasu - Dome	km	10,000	20	200,00
	cw	Kubekrom - Dome	km	10,000	40	400,00
	CW	Dome - Hiamankyene	km	10,000	10	100,00
	cw	Dome - Apapasu / Kubekrom Junction	km	10,000	12	120,00
	CW	Apapasu -Kubekrom Junction - Hwanyanso		10,000	25	250,00
	cw	Kubekrom - Apesika	km	10,000	26	260,00
	CW	Zikpo - Kubekrom / Apesika Junction	km	10,000	48	480,00
Sub - Total						2,950,00
Culverts (800mm diam culverts)	cw	Zikpo - Dome	mrun	500	200	100,00
sub - Total						100,00
Bridge (Bailey)	cw	Selected points	mspan	2,500	100	250,00
Trails	cw	Zikpo Range	km	480	85	40,80
1015	cw	Dome Range	km	480	25	12.00
N. P. T.		The Control of the Co				302,80
Sub - Total						
Boundary Demarcation	cw	Hwanyanso - Hiamankyene	km	100	56	5,60
Pillaring	EQ	Park HQ	Lsum	450	2	90
GPS	cw	Hwanyanso - Hiamankyene	No.	100	20	2,00
Signage	CW	Directional Signs within Park	No.	50	80	4,00
Signage	CAA	windowskilli signis mount out	- 157555			12,50
Sub - Total						
Buildings						
Range Camp - New	0144	Barra HO Domo Aposika Zikno Hwanyansa	No.	40,000	4	160,00
Bungalow Senior	cw	Range HQ. Dome, Apesika, Zikpo, Hwanyanso	No.	20,000	4	80,08
Middle Grade	cw	Range HQ, Dome, Apesika, Zikpo, Hwanyanso	No.	15,000	48	720,00
Junior Staff Accommodation	cw	Range HQ; Dome, Apesika, Zikpo, Hwanyanso	No.	25,000	4	100.00
Provision for Water	cw	Range HQ; Dome, Apesika, Zikpo, Hwanyanso	No.	25,000	4	100,0
Provision for Electricity	cw	Range HQ, Dome, Apesika, Zikpo, Hwanyanso	m²	300	150 x 4	150,00
Range Office & Store	cw	Range HQ. Dome, Apesika, Zikpo, Hwanyanso		300	130 14	1,340,00
Park HQ, - New						
Bungalow Senior	cw	Park HQ. (Kwame Danso) Park HQ. (Kwame Danso)	No.	40,000 20,000	1 2	
Bungalow Senior Middle Grade	cw	Park HQ. (Kwame Danso)				40,0
Park HQ New Bungalow Senior Middle Grade Junior Staff Accommodation	cw	Park HQ. (Kwame Danso) Park HQ. (Kwame Danso)	No.	20,000	2	40,0 40,0 180,0 25,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water	cw cw	Park HQ. (Kwame Danso) Park HQ. (Kwame Danso) Park HQ. (Kwame Danso)	No. No. Lsum	20,000 15,000	2 12	40,00 180,00
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Electricity	cw cw cw	Park HQ. (Kwame Danso)	No. No.	20,000 15,000 25,000	2 12 1	40,0 180,0 25,0 25,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Electricity New Park HQ. Office & Stores	cw cw	Park HQ. (Kwame Danso) Park HQ. (Kwame Danso) Park HQ. (Kwame Danso)	No. No. Lsum Lsum	20,000 15,000 25,000 25,000	2 12 1 1	40,01 180,01 25,01 25,0 90,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Electricity New Park N Q. Office & Stores Sub - Total	cw cw cw	Park HQ. (Kwame Danso)	No. No. Lsum Lsum m³	20,000 15,000 25,000 25,000 300	2 12 1 1	40,0 180,0 25,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Electricity New Park HQ_Office & Stores Sub - Total Renovation of facilities at Apapaso	cw cw cw	Park HQ. (Kwame Danso) Apapaso	No. No. Lsum Lsum m ²	20,000 15,000 25,000 25,000 300	2 12 1 1 300,000	40,01 180,01 25,01 25,0 90,01 400,01
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops	CW CW CW CW CW	Park HQ. (Kwame Danso) Apapaso Zikpo	No. No. Lsum Lsum m ²	20,000 15,000 25,000 25,000 300 50,000	2 12 1 1 300,000	40,0 180,0 25,0 25,0 90,0 400,0 28,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Electricity New Park HQ. Office & Stores Sub - Total Renevation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops	cw cw cw	Park HQ. (Kwame Danso) Apapaso	No. No. Lsum Lsum m ²	20,000 15,000 25,000 25,000 300	2 12 1 1 300,000	40,01 180,01 25,01 25,01 90,01 400,01 50,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Electricity New Park HQ. Office & Stores Sub - Total Renevation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops	CW CW CW CW CW	Park HQ. (Kwame Danso) Apapaso Zikpo	No. No. Lsum Lsum m ²	20,000 15,000 25,000 25,000 300 50,000	2 12 1 1 300,000	40,01 180,01 25,01 25,01 90,01 400,01 28,0 28,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Electricity New Park HQ. Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total	cw cw cw cw	Park HQ. (Kwame Danso) Apapaso Zikpo Dome	No. No. Lsum Lsum m ²	20,000 15,000 25,000 25,000 300 50,000	2 12 1 1 300,000	40,0 180,0 25,0 25,0 90,0 400,0 28,0 28,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost)	CW CW CW CW CW	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome	No. No. Lsum Lsum m² Lsum m²	20,000 15,000 25,000 300 50,000 350 350	2 12 1 1 300,000	40,0 180,0 25,0 90,0 400,0 28,0 28,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Water Provision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gale	CW CW CW CW CW CW	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo	No. No. Lsum Lsum m² Lsum m² Lsum m² csum m²	20,000 15,000 25,000 25,000 300 50,000 350 350	2 12 1 1 300,000	40,0 180,0 25,0 25,0 90,0 400,0 28,0 28,0 106,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate	CW CW CW CW CW CW CW	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome	No. No. Lsum Lsum m² Lsum m² Lsum m² m²	20,000 15,000 25,000 25,000 300 350 350 350	2 12 1 1 300,000	40,0 180,0 25,0 25,0 90,0 400,0 50,0 28,0 106,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ. Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites	CW CW CW CW CW CW CW CW CW	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points	No. No. Lsum Lsum m² Lsum m² Lsum m² m² m²	20,000 15,000 25,000 25,000 300 50,000 350 350	2 12 1 1 300,000 1 1 80 80 30 80	40,0 180,0 25,0 25,0 90,0 400,0 28,0 106,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials)	CW CW CW CW CW CW CW	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome	No. No. Lsum Lsum m² Lsum m² Lsum m² m²	20,000 15,000 25,000 300 50,000 350 350 6,500 350	2 12 1 1 300,000 1 1 80 80 30 80	40,0 180,0 25,0 29,0 90,0 400,0 28,0 106,0 19,5 28,0 28,0 28,0 28,0 28,0 28,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Water Provision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total	CW CW CW CW CW CW CW CW CW	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points	No. No. Lsum Lsum m² Lsum m² Lsum m² m² m²	20,000 15,000 25,000 300 50,000 350 350 6,500 350	2 12 1 1 300,000 1 1 80 80 30 80	40,0 180,0 25,0 29,0 90,0 400,0 28,0 106,0 19,5 28,0 28,0 28,0 28,0 28,0 28,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Water Provision for Electricity New Park HQ. Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camps illes Observation hides (Using local Materials) Sub - Total Water	CW CW CW CW CW CW CW CW CW	Park HQ. (Kwame Danso) Apapso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points	No. Lsum Lsum m² Lsum m² m² m² Lsum m²	20,000 15,000 25,000 25,000 300 50,000 350 350 6,500 350 350	2 12 1 1 300,000 1 1 80 80 360 80	40,0 180,0 25,0 90,0 400,0 28,0 106,0 19,5 28,0 28,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Camp sites Character Gate Camp sites Ubservation hides (Using local Materials) Sub - Total Water Water Water	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points	No. No. Lsum Lsum m² Lsum m² m² Lsum a² m² Lsum children	20,000 15,000 25,000 25,000 300 50,000 350 6,500 350 1 50,000	2 12 1 1 300,000 1 1 80 80 3600 x 3 10	40,0 180,0 25,0 90,0 400,0 28,0 106,0 19,5 28,0 28,0 66,4
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Water Water Purification Plant Borehole Pumps	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ., Apapaso & Ranges	No. No. Lsum Lsum m² Lsum m² m² Lsum m² Lsum m² Lsum Lsum	20,000 15,000 25,000 25,000 300 350 350 350 350 350 350 350 350	2 12 1 1 300,000 1 80 80 3600 x 3 10	40,0 180,0 25,0 90,0 400,0 28,0 106,0 19,5 5,5 66,4
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Water Provision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Purification Plant Borehole Pumps Water Storage Tanks (1000 Litres)	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ., Apapaso & Ranges Park HQ., Apapaso & Ranges Park HQ., and Ranges	No. No. Lsum Lsum m² m² m² m² m² m² m² m² m²	20,000 15,000 25,000 25,000 300 350 350 350 350 350 350 350 350	2 12 1 1 300,000 1 80 80 3600 x 3 10	40,0 180,0 25,0 90,0 400,0 50,0 28,0 106,0 19,5 28,0 54,4 56,4 56,4 150,0 5,4,6 66,4
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Water Provision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Purification Plant Borchole Pumps Water Storage Tanks (1000 Litres) Water Supply Pump	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ., Apapaso & Ranges	No. No. Lsum Lsum m² Lsum m² m² Lsum m² Lsum m² Lsum Lsum	20,000 15,000 25,000 25,000 300 350 350 350 350 350 350 350 350	2 12 1 1 300,000 1 80 80 3600 x 3 10	40,0 180,0 25,0,0 90,0 400,0 28,0 106,0 19,5 28,1 5,5 5,6 150,1 150,1 150,1
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Camp sites Character Gate Camp sites Ubservation hides (Using local Materials) Sub - Total Water Water Purification Plant Borehole Pumps Water Supply Pump Sub - Total	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ., Apapaso & Ranges Park HQ., Apapaso & Ranges Park HQ., and Ranges	No. No. Lsum Lsum m² m² m² m² m² m² m² m² m²	20,000 15,000 25,000 25,000 300 350 350 350 350 350 350 350 350	2 12 1 1 300,000 1 80 80 3600 x 3 10	40,0 180,0 25,0 90,0 400,0 28,0 106,0 19,5 28,0 5,4 5,6 66,4
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Water Purification Plant Borehole Pumps Water Storage Tanks (1000 Litres) Water Supply Pump Sub - Total Equipment	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ. and Ranges Park HQ. and Ranges Selected points	No. No. Lsum Lsum m² Lsum m² m² Lsum m² Lsum m² n² Lsum No. No.	20,000 15,000 25,000 25,000 350 350 350 350 350 350 350 4 500 900 450 6,000	2 12 11 300,000 11 80 80 80 3600 x 3 10 5 6 15 3	40,0 180,0 25,0 90,0 400,0 50,0 28,0 106,0 19,5 5,5 5,5 66,0 150,0 180,0 180,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Water Provision for Water Provision for Water Provision for Gelectricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp siles Observation hides (Using local Materials) Sub - Total Water Water Purification Plant Borehole Pumps Water Storage Tanks (1000 Litres) Water Supply Pump Sub - Total Equipment Weather Station	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ., Apapaso & Ranges Park HQ., Apapaso & Ranges Park HQ., and Ranges	No. No. Lsum Lsum m² m² m² m² m² m² m² m² m²	20,000 15,000 25,000 25,000 300 350 350 350 350 350 350 350 350	2 12 11 300,000 11 80 80 80 3600 x 3 10 5 6 15 3	40,0 180,0 25,0 90,0 400,0 28,0 106,0 19,5 28,6 5,4 5,5 5,5 66,1 180,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Water Purification Plant Borehole Pumps Water Storage Tanks (1000 Litres) Water Supply Pump Sub - Total Equipment	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ. and Ranges Park HQ. and Ranges Selected points	No. No. Lsum Lsum m² Lsum m² m² Lsum m² Lsum m² n² Lsum No. No.	20,000 15,000 25,000 25,000 350 350 350 350 350 350 350 4 500 900 450 6,000	2 12 11 300,000 11 80 80 80 3600 x 3 10 5 6 15 3	40,0 180,0 25,6 90,5 400,0 50,0 28,1 28,1 106,0 19,1 5,5 5,5 66,1 18,1 180,0 3,0
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Purification Plant Borehole Pumps Water Staffon Staffon (1000 Litres) Water Staffon Sub - Total Equipment Weather Station Sub - Total Office Equipment	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ. Apapaso & Ranges Park HQ. and Ranges Selected points Selected points	No. No. Lsum Lsum m² m² Lsum m² m² Lsum No. No.	20,000 15,000 25,000 25,000 350 350 350 350 350 350 350 350 1 50,000 450 6,000	2 12 1 1 300,000 1 80 80 3600 x 3 10 5 6 15 3	40,(180,(25,(25,(90,5) 400,(50,(28,(106,(19,(28,(5, 5,(150, 5, 6, 18, 180, 3,
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Water Provision for Water Provision for Water Provision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Purification Plant Borehole Pumps Water Storage Tanks (1000 Litres) Water Supply Pump Sub - Total Equipment Weather Station Sub - Total	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ. and Ranges Park HQ. and Ranges Selected points Selected points Selected points	No. No. Lsum m² Lsum m² m² Lsum m² m² m² Lsum No. No.	20,000 15,000 25,000 25,000 350 350 350 350 350 350 1 500 300 450 6,000	2 12 11 300,000 11 80 80 80 80 3600 x 3 10 15 6 15 3	40,0 180,0 25,0 90,0 400,0 50,0 28,0 106,0 19,5 5,5 5,5 66,1 150,0 180,0 3,1
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ. Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Purification Plant Borchole Pumps Water Staffon (1000 Litres) Water Staffon Sub - Total Equipment Weather Staffon Sub - Total Office Equipment	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ., and Ranges Park HQ., Apapaso & Ranges Park HQ., and Ranges Selected points Selected points Selected Points	No. No. Lsum Lsum m² m² m² m² m² m² m² m² no. Lsum No. No. No.	20,000 15,000 25,000 300 350 350 350 350 350 350 350 350	2 12 11 1 300,000 11 80 80 80 80 3600 x 3 10 15 3 2	40,0 180,0 25,0 90,0 400,0 50,0 28,0 106,0 19,5 5,5 5,5 66,1 180,0 3,1
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ. Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Water Purification Plant Borehole Pumps Water Storage Tanks (1000 Litres) Water Supply Pump Sub - Total Equipment Weather Station Sub - Total Office Equipment Computer (Incl., Printer & Software)	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ. Apapaso & Ranges Park HQ. and Ranges Selected points Selected points Selected Points	No. No. Lsum Lsum m² Lsum m² m² Lsum m² m² no. No. No. No.	20,000 15,000 25,000 25,000 350 350 350 6,500 350 350 1 50,000 4,500 4,500 4,500 6,000	2 12 11 1 300,000 11 80 80 80 3600 x 3 10 15 3 3	40,0 180,0 25,0 90,0 400,0 50,0 28,0 106,0 19,5 28,1 5,4 5,5 5,6 66,4 150,0 180,0 3,3 3,4
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Prevision for Water Prevision for Electricity New Park HQ, Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Purification Plant Borehole Pumps Water Storage Tanks (1000 Litres) Water Supply Pump Sub - Total Equipment Weather Station Sub - Total Office Equipment Computer (Incl., Printer & Software) Universal Power Stabilizer	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ. Apapaso & Ranges Park HQ. and Ranges Selected points Selected points Selected Points	No. No. Lsum Lsum m² m² Lsum m² m² m² Lsum No. No. No.	20,000 15,000 25,000 25,000 350 350 350 350 350 350 4,500 4,500 6,000	2 12 11 1 300,000 1 1 80 80 80 3600 x 3 10 2 2 1 1 1 1 1 1 1 1	40,0 180,0 25,0 90,0 400,0 50,0 28,0 106,0 19,5 5,6 66,4 150,0 180,1 180,1
Bungalow Senior Middle Grade Junior Staff Accommodation Provision for Water Provision for Water Provision for Electricity New Park HQ. Office & Stores Sub - Total Renovation of facilities at Apapaso Visitor Centre/Souvenir Shops Visitor Centre/Souvenir Shops Sub - Total Visitor Accommodation (Low Cost) Entrance Gate Entrance Gate Camp sites Observation hides (Using local Materials) Sub - Total Water Water Purification Plant Borehole Pumps Water Staffon Plant Borehole Pumps Water Storage Tanks (1000 Litres) Water Storage Tanks (1000 Litres) Water Staffon Sub - Total Equipment Weather Station Sub - Total Office Equipment Computer (Incl., Printer & Software) Universal Power Stabilizer Photocopier	CW C	Park HQ. (Kwame Danso) Apapaso Zikpo Dome Nkaneku, Zikpo, Dome Zikpo Dome Selected points Selected Strategic Points Park HQ. and Ranges Park HQ. Apapaso & Ranges Park HQ. and Ranges Selected points Selected points Selected Points	No. No. Lsum Lsum m² Lsum m² m² Lsum m² m² no. No. No. No.	20,000 15,000 25,000 25,000 350 350 350 6,500 350 350 1 50,000 4,500 4,500 4,500 6,000	2 12 11 1 300,000 1 1 80 80 80 3600 x 3 10 2 2 1 1 1 1 1 1 1 1	40,0 180,0 25,0 90,0 400,0 50,0 28,0 106,0 19,5 28,1 5,4 5,5 5,6 66,4 150,0 180,0 3,3 3,4

Field Equipment						
Tent (2-man)	EQ	Park HQ/Ranges	No.	150	25	3,750
Tent (4-man)	EQ	Park HQ/Ranges	No.	200	10	2,000
Water bottle	EQ	Park Staff	No.	10	150	1,500
Rucksack	EQ	Park Staff	No.	35	150	5,250
Mosquito net	EQ	Park Staff	No.	25	150	3,750
Water filter	EQ	Park Staff	No.	20	150	3,000
Torch	EQ	Park Staff	No.	10	150	1,500
Binoculars	EQ	Park HQ/Ranges	No.	200	5	1,000

Night Sight Binoculars	EQ	Park HQ/Ranges	No.	600	5	4,000
Prismatic Compass	EQ	Park HQ/Ranges	No.	80	5	400
Pedometer	EQ	Park HQ/Ranges	No.	50	30	1,500
GPS	EQ	Park HQ / Ranges	No.	750	5	3,750
Camp Cooker and Eating Utensils	EQ	Park HQ / Ranges	Set	300	5	1,500
Chain saw	EQ	Park HQ / Ranges	No.	150	5	750
First Aid Box	EQ	Park HQ / Ranges	Set	50	5	250
Snake Serum Kit	EQ	Park HQ / Ranges	Set	200	5	1,000
Sub - Total						34,900
Maintenance Tools	EQ	Park HQ, Ranges	Lsum	20	150	3,000
Uniform	UF	Park HQ, Ranges	Lsum	150	1,500	225,000
Education (Outreach)					4	2444
Guide Books Publishing	EQ	Park HQ, Ranges	Lsum	10,000	1	10,000
Brochure Publishing	EQ	Park HQ, Ranges	Lsum	10,000	1	10,000
Posters	EQ	Park HQ Ranges	Lsum	6,000	1	6,000
Display Cabinet	EQ	Park HQ, Ranges	No.	1,000		1,000
Sub - Total						27,000
Audio Visual Aids	EQ	Park HQ.	No.	2,000	1	2,000
Video Camera	EQ	Park HQ.				2000 10000
Video Editing Equipment	EQ	Park HQ.	No.	1,500 800	i	1,500 800
Video (VTR)	EQ	Park HQ.	No.	1,500	,	1,500
Video Screen	EQ	Park HQ.	No.		· i	1,500
35mm SLR still Camera / Telephoto Lens Sub - Total		i was ITM;	No.	1,500		7,300
						7,300
Communication Equipment						
Intra-Park Radio	EQ	Park HO	Ma	4 500	i	4 500
Radio VHF/HF Equipment Park HQ (Base) Radio VHF/HF Equipment Range HQ (Base)	EQ	Park HQ. Renge HQ.	No.	4,500 2,500	1	4,500 10,000
Radio VIII/III Equipolent ronge (14 (base)		reeige no.	140.	2,500		10,000
Radio VHF/HF Equipment (Mobiles)	EQ	Field Staff	No.	1,000	10	10,000
Radio VHF/HF Equipment (Vehicle Mounted)	EQ	Park HQ, and Range	No	1,500	44	6,000
Sub - Total						30,500
Vehicles		Constitution (Constitution (Constitution)		20.000		
4 WD Tractor	VE	Range Hq. (Dome zikpo, Hwanyaso, Aperka)	No	30,000	4	120,000
4WD Pickup (4 Door)	VE	Range HQ. (Zikpo)	No	35,000	3	105,000
4WD Slation Wagon	VÉ	Park HQ. (Kwame Danso)	No	40,000	1	40,000
Motor cycles Bicycles	VE	Range HQ. (Dome)	No.	4,000	5 100	20,000
Beat and Outboard	VE	Range HQ. (Zikpo)	No.	80 15,000	3	8,000 45,000
4 WD Tractor with (scraper,	VE	Park HO. (Kwame Danso)	No.	35,000	1	35,000
auger backhoe and trailer)	VE	Park HQ. (Kwame Danso)	NO.	35,000	- 1	35,000
1WD Pickup (4 Door)	VE	Park HO //Www. Dance)	No	35,000		35,000
Sub - Total	VE	Park HQ. (Kwame Danso)	140.	33,000		408,000
OPERATION AND EQUIPMENT						400,000
Vehicle/Plants/Equipment						
Tractor (4WD) X 4	OM	Park HQ.	Year	6,000	5	30,000
Vehicle (4WD) x 5	OM	Park HQ.	Year	5,000	5	25,000
Motor cycle x 5	OM	Park HQ/Ranges	Year	2,000	5	50,000
Bicycle x 100	OM	Park HQ/Ranges	Year	50	5	25,000
Beat & Outboard x 3	OM	Park HQ/Ranges	Year	6,000	5	90,000
Sub - Total	Oin	Park nerranges	1691	0,000		220,000
Maintenance of Buildings	МВ	Park HQ.	Year	10,000	5	50,000
Maintenance of Buildings (4 Sites)	MB	4 Range HQ.	Year	5,000	5	125,000
Maintenance of Park HQ.	MB	Park HQ.	Year	7,500	5	37,500
Maintenance of Range HQ. Grounds	MB	Range HQ.	1 441	1,500	ž	30,000
Maintenance of Roads	MR	Park HQ/Range HQ_	Year	15,000	5	75,000
COMMUNICATION EQUIPMENT	.PH.	reprintings rive.	1601	10,000	್	, 0,000
Radio VHF/HF Equipmentx1	ОМ	Park HQ/Year	Year	500	5	2,500
Radio VHF/HF Equipment x 4	OM	Park HQ/Year	Year	500	5	12,500
Radio VHF/HF Equipment x 10	OM	Field Staff	Year	100	5	5,000
Radio VHF/HF Equipment x 4	OM	Vehicle	Year	300	5	6,000
Sub-Total	JIII		100	500		26,000
Office Equipment	ОМ	Park HQ.	Year	2,500	5	12,500
The second secon						
TECHNICAL ASSISTANCE AND SUPPORT SERVICES Technical Adviser		Dark HO	V	E 000	5	25 800
NGO	TA	Park HQ.	Year	5,000	5	25,000
	TA	Park HQ_/ Community	Year	10,000	5	50,000
MAB and CCC Support	MAB/CCC	Community	Year	5,000	5	25,000
Liaison Officers	TA	Community	Year	6,000	5	30,000
Pilot Projects	PP	Community	Year	30,000	5	150,000
						000 000
Sub-Total TOTAL						280,000 7,060,700