



OFFICE OF THE DIVISIONAL FOREST OFFICER : BALANGIR FOREST DIVISION

AT / PO / DIST :- Balangir- ODISHA

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Memo No 4890 /1F

Dated, Bolangir the 01 st Nov- 2017

To

The Principal Chief Conservator of Forests (Wildlife)  
& Chief Wildlife Warden, Odisha, Bhubaneswar.

Sub

Submission of Statutory Annual Report of the Zoo to the Central Zoo Authority for the year 2016-2017 – regarding.

Ref

F.No.18-2/2017-CZA/1791/2017, Dtd. 24.10.2017 of Member Secretary, Central Zoo Authority of India, New Delhi.

In inviting a kind reference to the above cited Letter on the captioned subject, the Statutory Annual Report of Harishankar Deer Park, Bolangir is submitted herewith in a separate sheet for favour of your kind information and necessary action.

  
Divisional Forest Officer  
Bolangir Forest Division

Memo No. 4891 /7F Dtd. 01.11.2017

Copy along with copy of Statutory Annual Report submitted to the Additional Chief Secretary, Department of Forest & Environment, Government of Odisha, Bhubaneswar for favour of his kind information and necessary action with reference to Letter No. F.No.18-2/2017-CZA/1791/2017, Dtd. 24.10.2017 of Member Secretary, Central Zoo Authority of India, New Delhi to his address.

  
Divisional Forest Officer  
Bolangir Forest Division

Memo No. 4892 /7F Dtd. 01.11.2017

Copy along with copy of Statutory Annual Report submitted to the Regional Chief Conservator of Forests, Bhawanipatna Circle, Bhawanipatna for favour of your kind information and necessary action.

  
Divisional Forest Officer  
Bolangir Forest Division

Memo No. 4893 /7F Dtd. 01.11.2017

Copy along with copy of Statutory Annual Report submitted to the Member Secretary, Central Zoo Authority of India, New Delhi, Ministry of Environment, Forests & Climate Change for favour of his kind information and necessary action with reference to his Letter No. F.No.18-2/2017-CZA/1791/2017, Dtd. 24.10.2017

  
Divisional Forest Officer  
Bolangir Forest Division

## **Introduction**

The Harishankar Deer Park is situated in the foot hill of Gandhamardan Hills, which is rich in flora and fauna. It is 13 km distance from Khaprakhol Block headquarters, 43 KMs from Patnagarh Sub-Division, 30 KM from Harishankar road Railway Stations, 50 KMs on State High Way from Padampur Air Strip and 83 KMs from Bolangir District Headquarters. The Deer park was created in the year 1971 with 8 Nos of spotted Deer.

## **Administrative and Staffing pattern**

The Forester In-charge of Harishankar Section of Harishankar Range is in-charge of the Deer Park. The Post of Animal Keeper is vacant since 30.06.2015. The Bungalow Chowkidar is now in-charge of Animal Keeper since 01.07.2015. 8 Nos of daily wages watchers were also engaged to assist Animal Keeper.

## **Up-keep and health care of animals**

The Deer Park is having Spotted Deer and Peacock. The feeding done to animals in the Deer park month-wise for the year 2016-2017 is annexed herewith.

The month-wise medicine provided to the animals during 2016-2017 under supervision of local VAS is annexed herewith.

The sample of food and water is being tested by the Block Veterinary Officer, Khaprakhol quarterly in a year.

The excreta of the animals has been removed promptly from the feeding cells and Kraals by the daily wage watchers.

As per the direction of the Block Veterinary Officer, Khaprakhol, the feeding cells and Kraals are washed and disinfected.

The staffs engaged in animal care has been screened against Zoonotic diseases regularly

## **Veterinary and Infrastructure facilities**

Quarantine and treatment is being taken up in the Deer Park by Block Veterinary Officer, Khaprakhol and LI, Maharapadar as and when required.

## **Development and Planning**

One female peacock rescued from Bolangir Range on dtd. 18.06.2016 and one female Barking Deer rescued from Kantabanji Range on dtd. 30.08.2016 has been kept in the Harishankar Deer Park. The rescued animals has been kept in a separate cell and they are being treated frequently by Block Veterinary Officer, Khaprakhol.

## **Animal Housing, Display of Animal and Animal enclosures**

Within the Animal enclosures 2 Nos of RCC Shed of size 40 Ft x 20 Ft are constructed costing 5.0 lakhs each. Besides that, a compound wall has been constructed of size 312 Ft x 12 Ft x 10 inch with Y angle fitted with 5 line Barbed wire. A total of Rs. 24.50 Lakhs has been spent for the above purpose.



## **General Requirements**

A part of the perimeter of the Deer Park has been enclosed by Brick masonry wall of height 3.3 Meter from the ground and part of the perimeter on the road side of the Deer park has been enclosed by Iron Angle with wire mesh of height 4.24 Meter from the ground.

The infrastructure stationed nearby has been separated by wall of 2 meter height from the ground.

The sample of the Blood of animals are being regularly examined by the Block Veterinary Officer, Khaprakhol to identify any incidence of blood borne parasites. As per examination report no such diseases has occurred during the year 2016-2017.

The animal enclosure as well as the surroundings are cleaned by removal of weeds, bushes and disposal of solid waste by the daily wages watcher engaged in the Deer Park.

As per the direction of the Block Veterinary Officer, Khaprakhol medicine of essential nature are being procured to meet the emergency.

In case of death post mortem exercise has been taken up by the Block Veterinary Officer, Khaprakhol to ascertain the reason of the death. As per the Post mortem report of the VAS, Khaprakhol, the reason of death of Deer was due to infighting between adult male members and natural death due to old age.

A record on birth, acquisition, death and disposal of animals has been maintained; the detail abstract of which is enclosed herewith as annexure. The position of different animal ending March-2017 showing Opening balance, Birth, Death is enclosed herewith in Annexure.

During summer season temporary thatched sheds has been erected within the enclosure including the feeding chamber and back karrils.

Cleaning of the site is taken up by spraying of water in the morning hours by daily wages watchers.

The Forester in-charge of Harishankar Deer Park and In-charge Animal Keeper monitor the over all health of the captive animals daily during stress hours i.e. from 12.00 noon to 3.00 PM.

Security is ensured during night hours through engagement of daily wage watchers so as to avoid any mishap in the Deer park.

No permanent lighting arrangement has been taken up around the Deer park. However, Torch Light are used during night time to ensure proper watch and ward of the animals

## **Population control measures**

The population control measures has been taken up by way of segregation of the male and female Deer in separate enclosure.

  
Divisional Forest Officer  
Bolangir Forest Division

DETAILS OF MEDICINES PROVIDED TO THE ANIMALS IN DEER PARK MONTH- WISE  
FOR THE YEAR 2016-17

SL No.	Month	Details of Medicines purchased for Deers / Peacock in Kg.										Total Amount	Vr. No. and Month of Medicine	Remarks		
		Medicine	Batch	Exp. Date	Pack	Qty	MRP	Amount								
01	April-2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
02	May	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
03	June	Ossomin syp 4.5 lt	5122	6/17	4.5 lt	16 pkt	960/-	15360.00						20000.00	8 of 6/2016	
		Agrimin fert	933	5/17	1 kg.	32 pkt	145/-	4640.00								
04	July	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05	August	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
06	September	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
07	October	Ossomin syp 4.5 lt	6061	4/18	4.5 lt	15 pc	1056/-	15840.00						15840.00	5 of 10/2016	
		Ossomin syp 4.5 lt	6061	4/18	4.5 lt	5 pc	1056/-	5280.00								
		Agrimin fert	1920	10/14	1 kg	55 pkt	160/-	8800.00						14160.00	6 of 10/2016	
		Kalbend 150	0315	11/18	10 ml	4.2	19.20	80.64.00								
08	November	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
09	December	LIV-52 1 lt	0585	7/19	1 lt	5 pc	250/-	1250.00								
		Agrimin fert	1174	1.18	1 kg	50 pc	160/-	8000.00								
		Ossomin 4.5 ltr	6128	7.18	4.5 lt	10 pc	1056/-	10560.00						20000.00	12 of 12/2016	
		Fenzove syp	5515	7.18	500 pc	1 pkt	190/-	190.00								
10	January 2017	Agrimin fert	1412	8.18	1 kg.	59 pc	160/-	9440.00						20000.00	4 of 1/2017	
		Ossomin	6211	12.18	12.18	4.5 lt	10 pc	1056.00								
11	February	Ossomin	6128	7.18	4.5 lt	15 pc	1056/-	15840.00						20000.00	3 of 2/2017	
		Agvimin Fert	1227	7.18	1 kg	26 pkt	160/-	4160.00								
12	March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
														<b>110000.00</b>		



DETAILS OF FEED TO THE ANIMALS IN DEER PARK MONTH- WISE FOR THE YEAR 2016-17

SL No.	Month	Details of feeding materials purchased for Deers / Peacock in Kg.					Amount Spent			Vr No. & Month of cost of Feeding & Transport	Remarks						
		Particular	Qty in Kg.	Rate per kg	Amount	Cost of feeding Materials	Cost of Transportation	Total									
01	April - 2016	Husk	3500	@3/-	10500.00	46900.00	3100.00	50000.00	1 of 6/2016 2 of 6/2016								
		Chunni	700	@15/-	10500.00												
		Mixed Dana	700	@15/-	10500.00												
		Maize	620	@15/-	9300.00												
		Rasmalei	200	@18/-	3600.00												
		Peacock Dana	60	@30/-	1800.00												
		Salt	50	@14/-	700.00												
		<b>Total-</b>	<b>5830</b>		<b>46900.00</b>						<b>3100.00</b>	<b>50000.00</b>					
		02	May	Husk	3500						@3/-	10500.00	46900.00	3100.00	50000.00	3 of 6/2016 4 of 6/2016	
				Chunni	700						@15/-	10500.00					
Mixed Dana	700			@15/-	10500.00												
Maize	620			@15/-	9300.00												
Rasmalei	200			@18/-	3600.00												
Peacock Dana	60			@30/-	1800.00												
Salt	50			@14/-	700.00												
<b>Total</b>	<b>5830</b>				<b>46900.00</b>	<b>3100.00</b>	<b>50000.00</b>										
03	June			Husk	3500	@3/-	10500.00	46900.00	3100.00	50000.00	5 of 6/2016 6 of 6/2016						
				Chunni	700	@15/-	10500.00										
		Mixed Dana	700	@15/-	10500.00												
		Maize	620	@15/-	9300.00												
		Rasmalei	200	@18/-	3600.00												
		Peacock Dana	60	@30/-	1800.00												
		Salt	50	@14/-	700.00												
		<b>Total</b>	<b>5830</b>		<b>46900.00</b>	<b>3100.00</b>	<b>50000.00</b>										

04	July	Husk	3500	@6/-	21000.00	47000.00	3000.00	5000.00	5 of 8/2017 6 of 8/2017	
		Chunni	600	@16/-	9600.00					
		Mixed Dana	500	@16/-	8000.00					
		Maize	300	@16/-	4800.00					
		Rasmalei	100	@17/-	1700.00					
		Peacock Dana	60	@20/-	1200.00					
		Salt	50	@14/-	700.00					
		<b>Total-</b>	<b>5110</b>		<b>47000.00</b>	<b>47000.00</b>	<b>3000.00</b>	<b>5000.00</b>		
		Husk	3500	@6/-	21000.00					8 of 8/2016 9 of 8/2016
		Chunni	600	@16/-	9600.00					
05	August	Mixed Dana	500	@16/-	8000.00					
		Maize	300	@16/-	4800.00					
		Rasmalei	100	@17/-	1700.00					
		Peacock Dana	60	@20/-	1200.00					
		Salt	50	@14/-	700.00					
		<b>Total-</b>	<b>5110</b>		<b>47000.00</b>	<b>47000.00</b>	<b>3000.00</b>	<b>5000.00</b>		
		Husk	3500	@5/-	17500.00	47000.00	3000.00	50000.00	1 of 10/2016 2 of 10/2016	
		Chunni	600	@16/-	9600.00					
		06	September	Mixed Dana	600	@16/-	9600.00			
				Maize	450	@16/-	7200.00			
Peacock Dana	60			@40/-	2400.00					
Salt	50			@14/-	700.00					
<b>Total-</b>	<b>5260</b>				<b>47000.00</b>	<b>47000.00</b>	<b>3000.00</b>	<b>5000.00</b>		
Husk	3500			@5/-	17500.00	47000.00	3000.00	50000.00	3 of 10/2016 4 of 10/2016	
Chunni	600			@16/-	9600.00					
07	October			Mixed Dana	600	@16/-	9600.00			
				Maize	450	@16/-	7200.00			
				Peacock Dana	60	@40/-	2400.00			
		Salt	50	@14/-	700.00					
		<b>Total-</b>	<b>5260</b>		<b>47000.00</b>	<b>47000.00</b>	<b>3000.00</b>	<b>5000.00</b>		
		Husk	3500	@5/-	17500.00	47000.00	3000.00	50000.00	6 of 11/2016 7 of 11/2016	
		Chunni	600	@16/-	9600.00					
		08	November	Mixed Dana	600	@16/-	9600.00			
				Maize	450	@16/-	7200.00			
				Peacock Dana	60	@40/-	2400.00			
Salt	50			@14/-	700.00					
<b>Total-</b>	<b>5260</b>				<b>47000.00</b>	<b>47000.00</b>	<b>3000.00</b>	<b>5000.00</b>		



09	December	Husk	3500	@5/-	17500.00	47000.00	3000.00	50000.00	4 of 12/2016 5 of 12/2016
		Chunni	600	@16/-	9600.00				
		Mixed Dana	600	@16/-	9600.00				
		Maize	450	@16/-	7200.00				
		Peacock Dana	60	@40/-	2400.00				
		Salt	50	@14/-	700.00				
		<b>Total-</b>	<b>5260</b>		<b>47000.00</b>				
		<b>Total-</b>	<b>3500</b>	@5/-	<b>17500.00</b>				
10	January - 2017	Husk	3500	@16/-	9600.00	47000.00	3000.00	50000.00	1 of 1/2017 2 of 2/2017
		Chunni	600	@16/-	9600.00				
		Mixed Dana	600	@16/-	9600.00				
		Maize	450	@16/-	7200.00				
		Peacock Dana	60	@40/-	2400.00				
		Salt	50	@14/-	700.00				
		<b>Total-</b>	<b>5260</b>		<b>47000.00</b>				
		<b>Total-</b>	<b>3500</b>	@5/-	<b>17500.00</b>				
11	February	Husk	3500	@16/-	9600.00	47000.00	3000.00	50000.00	1 of 2/2017 2 of 2/2017
		Chunni	600	@16/-	9600.00				
		Mixed Dana	600	@16/-	9600.00				
		Maize	450	@16/-	7200.00				
		Peacock Dana	60	@40/-	2400.00				
		Salt	50	@14/-	700.00				
		<b>Total-</b>	<b>5260</b>		<b>47000.00</b>				
		<b>Total-</b>	<b>3500</b>	@5/-	<b>17500.00</b>				
12	March	Husk	3500	@16/-	9600.00	47000.00	3000.00	50000.00	4 of 3/2017 5 of 3/2017
		Chunni	600	@16/-	9600.00				
		Mixed Dana	600	@16/-	9600.00				
		Maize	450	@16/-	7200.00				
		Peacock Dana	60	@40/-	2400.00				
		Salt	50	@14/-	700.00				
		<b>Total-</b>	<b>5260</b>		<b>47000.00</b>				
		<b>Total-</b>	<b>3500</b>	@5/-	<b>17500.00</b>				

**DETAILS REPORT ON BIRTHS, ACQUISITION, DEATHS AND DISPOSAL OF ANIMALS OF HARISHANKAR ZOO**

Month	Deer/ Peacock	Opening			Birth			Death			Balance		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	
April -2016	Spotted Deer -	76	74	150	5	10	15	-	-	-	81	84	165
	Peacock -	1	2	3	1	-	1	-	-	-	2	2	4
May-2016	Spotted Deer-	81	84	165	-	-	-	2	2	4	79	82	161
	Peacock -	2	2	4	-	-	-	-	-	-	2	2	4
June -2016	Spotted Deer-	79	82	161	-	-	-	-	-	-	79	82	161
	Peacock -	2	2	4	-	-	1	-	-	-	2	3	5
		Received 1 no female peacock from RO Bolangir on Dt. 18.06.2016											
July -2016	Spotted Deer-	79	82	161	-	-	-	2	-	2	77	82	159
	Peacock -	2	3	5	-	-	-	-	-	-	2	3	5
August-2016	Spotted Deer-	77	82	159	-	-	1	-	2	2	77	80	157
	Peacock -	2	3	5	-	-	-	-	-	-	2	3	5
		Received 1 no female barking deer on Dt. 30.08.2016											
September-2016	Spotted Deer-	77	80	157	-	-	-	-	1	1	77	79	156
	Peacock -	2	3	5	-	-	-	-	-	-	2	3	5
		Received 1 no female barking deer on Dt. 30.08.2016											
October 2016	Barking Deer -	-	-	-	-	-	-	-	1	1	-	-	0
	Spotted Deer-	77	79	156	-	-	-	-	-	-	77	79	156
		Received 1 no female barking deer on Dt. 30.08.2016											
November-2016	Peacock -	2	3	5	-	-	-	-	-	-	2	3	5
	Spotted Deer-	77	79	156	-	-	-	-	-	-	77	79	156
December-2016	Peacock -	2	3	5	-	-	-	-	-	-	2	3	5
	Spotted Deer-	77	79	156	-	-	-	-	-	-	77	79	156
January -2017	Peacock -	2	3	5	1	-	1	-	-	-	3	3	6
	Spotted Deer-	77	79	156	-	-	-	-	1	1	77	78	155
February -2017	Peacock -	3	3	6	-	-	-	-	-	-	3	3	6
	Spotted Deer-	77	78	155	4	6	10	-	-	-	81	84	165
		Received 1 no female barking deer on Dt. 30.08.2016											
March-2017	Peacock -	3	3	6	-	-	-	-	-	-	3	3	6
	Spotted Deer-	81	84	165	5	7	12	2	1	3	84	90	174
		Received 1 no female barking deer on Dt. 30.08.2016											
		Received 1 no female barking deer on Dt. 30.08.2016											
		Received 1 no female barking deer on Dt. 30.08.2016											