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GOVERNMENT OF INDIA
भारत सरकार



MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

Central Zoo Authority

केंद्रीय चिड़ियाघर प्राधिकरण

F. No. 19-64/92-CZA(212)(Vol. IX)(BKG)/2928/2018

By Post / E-mail
Date: 13.04.2018

To,

The Chief Wildlife Warden,
Department of Forests, and Environment
Government of Odisha,
Prakruti Bhawan, 5th Floor, BDA Apartment
Nilakanth Nagar, Nayapalli
Bhubaneswar 751 012
(Odisha)

Sub:- Renewal of recognition to the Nandankanan Zoological Park, Bhubaneswar for period beyond 30.09.2017 under Section 38H(1) of the Wildlife (Protection) Act, 1972 – reg.

Ref:-

1. Your application letter No. 835/2WL()-12/2017, dated 16.06.2017 received from the Additional PCCF and Director, Nandankanan Zoological Park, Bhubaneswar, Odisha.
2. This office letter F. No. 19-64/92-CZA(212)(Vol. VIII)(AK)/1151/2017, dated 22.06.2017.

Sir,

Reference is invited to above cited correspondence. It is to inform that the evaluation of Nandankanan Zoological Park, Bhubaneswar was carried out by the undersigned on 27-28 February, 2018. The evaluation report was considered by the Technical Committee in its 85th Meeting held on 23.03.2018. After detailed deliberations, the Technical Committee decided for renewal of recognition of the Nandankanan Zoological Park, Bhubaneswar for a period of two years. A copy of the evaluation report is enclosed with this letter for your kind perusal and needful action.

The renewal of recognition to the Nandankanan Zoological Park, Bhubaneswar as a "Large Category Zoo" as per the provisions of Section 38H(1) of the Wild Life (Protection) Act, 1972 is for a period up to 22.03.2020 subject to the compliance of the following directives under the **Recognition of Zoo Rules (RZR), 2009** and mid-term evaluation of the zoo and to regularise the period after 20.01.2018:-

Sr. No	Norm under RZR, 2009	Particulars of suggestions/recommendation	Time Period to Comply
1. General requirements			
1	10.1(2)	The zoo operator should plant endemic trees in various animal enclosures to provide shade and shelter to the animals.	One year
2	10.1(3)	The herbivore enclosures where the visitors move in the front as well as back of the enclosure towards the lake side should have visitors access stopped/ blocked/ restrained from the lake side.	One year
3	10.1(4)	The boundary wall is not effective since the stray dogs have been reported to have entered in the zoo.	Immediately

Continued....

4	10.1(7)	The Zoo should provide a proper waste disposal system as per natural gradient of the area for treating both the solid and liquid wastes generated in the Zoo. There should be waste disposal system having no adverse impact on the environment. The present system is not effective and out flow is not proper.	Immediately
2. Administrative and Staffing Pattern			
5	10.2(1)	The Zoo Director's Office should be located within the premises of the zoo to make the daily attendance of the Director more visible and beneficial for the day to day management of the zoo.	One year
6	10.2(2)	The zoo shall have an official with Masters' degree in Wildlife Sciences / Zoology as a full time curator solely responsible for looking after the upkeep of animal and maintenance of animal enclosures.	One year
3. Development and Planning			
7	10.3(3)	The <i>pucca</i> buildings including the visitor facilities needs to be properly camouflaged and located in such a manner that the natural landscape of the zoo have not been masked and the cleanliness and hygiene of the zoo is not affected due to such animal enclosures/structures.	Immediately
8	10.3(8)	The zoo has been acquiring the rescued animals since around 20 years but they never informed the CZA in this regard. What they do is, they prepare a list of the rescued animals housed in the zoo for around 5 years and submit proposal to the CZA for their regularisation. It should be stopped and statutory provisions in this regard be followed. It has happened three times in the past around 20 years. It should be stopped and statutory provisions in this regard be followed.	Immediately
9	10.3(8)	The zoo should submit information to the CZA about the rescued animal that pertains to an endangered species.	Immediately
4. Animal housing, display of animals and animal enclosures			
10	10.4(2)	Some reptiles in Reptile park have inadequate space with respect to prescribed CZA dimensions.	One year
11	10.4(2)	Appropriately designed natural enclosure should be provided for all the primate species being displayed by the zoo.	One year
12	10.4(2)	The old aviary near the rest house should be demolished and appropriately designed aviaries supporting the natural conditions of the birds should be constructed.	One year
13	10.4(3)	Chain-link erected outside moat barrier on viewers' side needs to be removed.	One year
14	10.4(3)	The elephant should not be kept tethered at the zoo. The elephant should be left out for foraging in the enclosure. They should be provided a walk during early hours and late hours for natural exercising.	Immediately
15	10.4(6)	The artificial shelters provided on the macaque islands should be made naturalistic so that it merges with the overall environment/ landscape of the enclosure.	One year

Continued....

16	10.4(6)	The zoo should endeavour to simulate the conditions of the natural habitat of the animal in the enclosures as closely as possible. Appropriate species of plants, shrubs should be planted inside animal enclosures. The animal enclosures should also be provided various artefacts for enriching the environment of animal enclosures. The aviaries should be provided appropriate wooden logs for perching and roosting and nesting material to nest.	One year
17	10.4(8)	The zoo has constructed a Bear Safari which is not as per the laid down norms of the CZA.	One year
18	10.4(9)	All the animal enclosures in the Zoo should be provided appropriate stand-off barriers and adequate warning signs for keeping the visitors at a safe distance from the animals.	One year
19	10.4(9)	The height of the stand-off barriers are not as per the CZA norms. Further, a chain link mesh has been erected between the stand-off barrier and the moat wall obstructing visitors viewing area. It should be removed.	Immediately
20	10.4(9)	Green hedge needs to be replanted inside standoff barrier wherever destroyed/ damaged.	One year
21	10.4(10)	The signages are not being looked after and maintained properly after wear and tear due to natural process or visitor vandalism.	One year
5. Upkeep and healthcare of animal			
22	10.5(3)	The meat house should be made effectively fly proof.	Immediately
23	10.5(3)	Zoo should have a sufficient size functioning freezer for storage of meat and to keep it cold until it is fed to the animals.	Immediately
24	10.5(3)	The Store house for food should be made rodent proof and storage conditions of feed items need improvement to make it damp proof,.	Immediately
25	10.5(2)(3)	The zoo should have proper drainage system for Meat House Complex.	Immediately
26	10.5(10)	Animal Herd Sheets should be prepared for species housed at the zoo.	One year
6. Veterinary and Infrastructure Facilities			
27	10.6(5)	The Zoo should have one qualified Lab Assistant to assist the veterinarian in healthcare of the Zoo animals.	Immediately
9. Acquisition and breeding of animals			
28	10.9(9)	To safeguard against uncontrolled growth in the population of prolific breeding species, the zoo should effectively implement appropriate population control measures.	Immediately
29	10.9(4)	The zoo should acquire mates for all single animals such as (Hill Myna, White Spoonbill, Long Billed Vulture, White Backed Vulture, Black Buck (Albino), Leopard Cat, Indian Small Civet, Salt Water Crocodile, two species of Python, Rat Snake, Ganges Soft-shelled Turtle, Russell's Viper, Sarus Crane, Large Egret, Median Egret, Black Headed Munia, Spotted Munia, Oriental Scops Owl, Blossom Headed Parakeet, Adjutant Stork (lesser), Painted Stork, White Neck Stork, Indian Porcupine, Lesser Sulphur Crested Cockatoo, White Cockatoo, Star Finch, Yellow Backed Lorry, Blue & Yellow Macaw, Yellow Golden Pheasant, Mute Swan, Giraffe, Orangutan) etc. on priority basis.	Immediately

Contd....

F. No. 19-64/92-CZA(212)(Vol. IX)(BKG)Dt. 13.04.2018

Central Zoo Authority

30	10.9(12)	The hybrid lions need to be phased out of the zoo and replaced with pure breed of Asiatic lions.	Immediately
10. Research Activities			
31	10.10	The zoo should implement a research plan and conduct research on the prioritized species and specific areas of concern.	One year
12. Visitor Facilities			
32	10.12(1)	The zoo should provide neat and clean civic facilities for visitors. They should be made available to the physically disadvantaged person also at all existing places.	Immediately
33	10.12(3)	Appropriate arrangements should be made to provide access within the Zoo to physically disadvantaged visitors including those in the wheel chair at all enclosures and civic facilities.	Immediately

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

The renewal of recognition to the Nandankanan Zoological Park, Bhubaneshwar for period beyond 22.03.2020 as a "Large Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Nandankanan Zoological Park, Bhubaneshwar shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

Yours sincerely



(Dr. D.N. Singh)
Member Secretary

Encl. As above

Copy to:-

1. The Director, Nandankanan Zoological Park, Mayur Bhawan, Janpath, Saheed Nagar, Bhubaneshwar 751 007, Odisha for information and with a request that the conditions stipulated may be got implemented.
2. The DPA, CZA – to update database.



GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

Central Zoo Authority



THROUGH REGISTERED POST

F. No. 19-64/92-CZA(212)(Vol. VII)(M) / 3537

DATE: 11.09.2013

To

The Director
Nandankanan Biological Park,
Mayur Bhawan, Janpath,
Saheed Nagar,
Bhubaneswar - 751 005 (Odisha).

Sub:- Renewal of recognition to the Nandankanan Biological Park, Bhubaneswar beyond the period of 30.09.2012 under Section 38H of the Wild Life (Protection) Act, 1972 - Regarding.

Sir,

Reference is invited to your letter No. 961/2WL(P)-12/2012 dated 28th June 2012 seeking renewal of recognition for the Nandankanan Biological Park, Bhubaneswar beyond the period of 30.09.2012 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Nandankanan Biological Park, Bhubaneswar was carried out on 16th - 17th April, 2013 by Sh. R. S. Bhadauria and Dr. M. Navin Kumar. The evaluation report submitted by the evaluating officers was considered by the Technical Committee in its 67th Meeting held on 30th August, 2013.

The Central Zoo Authority has decided to grant renewal of recognition to the Nandankanan Biological Park, Bhubaneswar as a large category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 30th September, 2017 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009

S. No.	Relevant Norm No.	Conditions	Time Period to comply the conditions
1. General			
1.	1 (9)	Vulnerable entry points of stray dogs need to be plugged	Immediately
2. Administrative and Staffing Pattern			
2.	2 (1)	The Zoo Operator should post a full time Curator to support the Director of the Zoo in carrying out the responsibilities of housing, upkeep and healthcare of zoo animals, research and visitors education.	Immediately

4. Animal housing, display of animals and animal enclosures			
		(i) Chain-link erected outside moat barrier on viewer side needs to be removed.	Within three months
		(ii) In Birds aviary glass water troughs need to be changed with either earthen pot or stainless steel vessels.	Within three months
5.	4 (9)	(i) Green hedge inside standoff barrier wherever destroyed, needs to be replanted.	With immediate effect
		(ii) Standoff barrier need to be realigned to provide equal viewing distance between visitor and the fish boxes	Within three months
6. Veterinary and infrastructure facilities			
6.	6 (3)	Vet. Support staff needs to be assessed and inadequacy removed.	Within six months
9. Acquisition and breeding of animals			
7.	9 (3)	Single sexed animals need to be paired either by procuring from other zoos or vice-versa.	Within three months
8.	9 (8)	Studbooks need to be maintained as per CZA format.	Immediately
9.	9 (9)	Excess number of Spotted deer, Sambar and Hippopotamus need to be either exchanged or shifted out of display area.	Within six months


A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition beyond 30th September, 2017 to the Nandankanan Biological Park, Bhubaneswar as a 'large category zoo' would be considered on the basis of compliance of the conditions stated above, general performance and physical evaluation of the zoo.

The recognition to the Nandankanan Biological Park, Bhubaneswar shall be revoked by the Central Zoo Authority, at any point in time if the Zoo Operator is found not complying with the stipulated conditions.

Yours faithfully,
sd/-
(B. S. Bonal)
Member Secretary

Copy to the Chief Wildlife Warden, Government of Orissa, Bhubaneswar for favour of information & necessary action.


(Dr. Brij Kishor Gupta)
Evaluation and Monitoring Officer



सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
Central Zoo Authority



BY REGISTERED POST

DATE: 22.09.2009

F. No. 19-64/92-CZA(212)(Vol.VI)(M)

To

The Director
Nandankanan Biological Park,
Mayur Bhawan, Janpath,
Saheed Nagar,
Bhubaneswar – 751 007 (Orissa).

By fax

Sub:- Grant of renewal of recognition to the Nandankanan Biological Park, Bhubaneswar beyond the period of 31.12.2008 under Section 38H of the Wild Life (Protection) Act, 1972 - Regarding.

Sir,

Reference is invited to your office letter 2627 dated 6th December, 2008 seeking grant of renewal of recognition to the Nandankanan Biological Park, Bhubaneswar beyond the period of 31.12.2008 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Nandankanan Biological Park, Bhubaneswar was carried out on 9th July, 2009 by Shri M. Kamal Naidu and Dr. M. Navin Kumar. The evaluation report submitted by the evaluating officers was considered by the Technical Committee in its 51st Meeting held on 23rd July, 2009.

The Central Zoo Authority has decided to grant renewal of recognition to the Nandankanan Biological Park, Bhubaneswar as a large category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 30th September, 2012 subject to the compliance of the following directives under the Recognition of Zoo Rules, 1992:-

S. No.	Relevant Norm No.	Conditions	Time Period to comply the conditions
General			
1.	5	The elephant should not be kept tethered at the zoo. The elephant should be left out for foraging in the enclosure during early hours and late hours for natural exercising, beside the controlled exercise as at present by Mahouts.	With immediate effect
2.	9	The zoo operator should plant endemic trees in various animal enclosures to provide shade and shelter to the animals.	With immediate effect
3.	11A	The zoo should prepare collection plan for animal to be	Immediately

		housed and displayed in the zoo keeping due regard to the availability of land, water, electricity and climatic condition of the area and recommended concept plan by the Central Zoo Authority.	
Animal enclosures – Design, Dimensions and other Essential Features			
4.	16	The proposed bird enclosures should be made more natural, spacious, realistic and outstanding and the designs of the same should have got approved from the Central Zoo Authority. It would do well for the authorities to study the bird enclosures of Hyderabad, Delhi and Mysore zoos to drawn ideas to make their new aviaries.	With immediate effect
5.	17	The zoo should endeavour to simulate the conditions of the natural habitat of the animal in the enclosures as closely as possible. Appropriate species of plants, shrubs should be planted inside animal enclosures. The animal enclosures should also be provided various artifacts for enriching the environment of animal enclosures. The aviaries should be provided appropriate wooden logs for perching and roosting and nesting material to nest.	With immediate effect
Animal Care, Health and Treatment			
6.	28	The stray dogs roaming free ranging within the zoo premises should be eradicated as preventive measures for disease transmission.	With immediate effect
7.	30	Animal history sheets should be prepared for each and every individual of endangered species housed at the zoo.	One month
Breeding of animals			
8.	36	The zoo has excess number of Spotted deer in its collection. The Zoo Operator shall be responsible for ensuring that the number of animals of any species does not go beyond the holding capacity of the enclosures available in the Zoo and housing standards are not compromise for keeping the excessive numbers.	With immediate effect
9.	37	The Zoo Operator should procure appropriate mates for single sexed Four horned antelope, Jungle cat, Small Indian civet, Sangai, Mouse deer, Nilgiri langur, Assamese macaque, Lion tailed macaque, Indian one horned rhinoceros and Wild boar housed at the zoo.	Six months
10.	39	It is advisable to enlarge the size of the enclosures with respect to the Vulture, Tiger, Gharial, Mouse deer and Pangolin housed at the zoo underplanned breeding programme. Details in this regard may be submitted to this Authority for its approval.	With immediate effect

11.	40	The population control method should be adopted to prevent uncontrolled breeding growth in population is by segregating breeding males during oestrus period.	Continued basis
Education and Research			
12.	45	(i) It was advised that all the names of all fish in an aquarium should be put up for otherwise it is misleading and confusing. (ii) The zoo operator may increase the educational content of zoo board display with interpretive inputs correlating to deforestation and desertification to which Orissa is a great victim already.	With immediate effect Three months
Visitor's facilities			
13.	49	The zoo should have first aid equipments including anti-venom readily available in the premises of the zoo.	With immediate effect
Development and Planning			
14.	51	The Zoo should prepare a long-term Master plan for its development in the format circulated by the Central Zoo Authority. Five copies of the said plan should be submitted to the Central Zoo Authority for its approval.	With immediate effect

Non-statutory recommendations

1. The zoo may explore the possibility of euthanasia of a paralyzed Tigris housed at the zoo.
2. The zoo director's office should be located within the premises of the zoo to make the daily attendance of the director more visible and beneficial.
3. The impure lions need to be phased out of the zoo and replaced with pure Asiatic lions.

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition beyond 30th September, 2012 to the Nandankanan Biological Park, Bhubaneswar as a 'large category zoo' would be considered on the basis of compliance of the conditions stated above, general performance and physical evaluation of the zoo.

The recognition to the Nandankanan Biological Park, Bhubaneswar shall be revoked by the Central Zoo Authority, at any point in time if the Zoo Operator is found not complying with the stipulated conditions.

Yours faithfully,
sd/-
(Dr. Rajesh Gopal)
Member Secretary

Copy to the Chief Wildlife Warden, Government of Orissa, Bhubaneswar for favour of information & necessary action.

Rajesh Gopal
(Dr. Rajesh Gopal)
Member Secretary



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

(STATUTORY BODY UNDER THE MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

Bikaner House, Annexe VI,
Shahjahan Road, New Delhi-110011
website : www.cza.nic.in

REGISTERED POST

F.No. 19-64/92-CZA(212)(Vol.III)(M)

DATE: 17.11.2004

To

The Director
Nandankanan Zoological Park,
Bhubaneswar (Orissa)

**Sub:- Renewal of Recognition to the Nandankanan Zoological Park,
Bhubaneswar under Section 38H of the Wild Life (Protection)
Act - Regarding.**

Sir,

Reference is invited to your letter No. 880 dated 14.10.2004.

Keeping in view of the action taken by the Nandankanan Zoological Park authorities, it has been decided to grant renewal of recognition to the Nandankanan Zoological Park, Bhubaneswar for a period up to 31.12.2008 subject to following conditions:-

S. No.	Relevant Norm No.	Conditions
General		
1.	8	The zoo should complete construction of perimeter wall around the zoo campus including the lion & tiger safari, on priority basis.
Administrative & Staffing Pattern		
2.	13	The zoo should post an official with Masters Degree in Wildlife Science/Zoology as full time Curator solely responsible for looking after the upkeep of animals and maintenance of animal enclosures.
Animal enclosures – Design, Dimensions and other Essential Features		
3.	15	Stand off barriers and adequate warning signs should be provided for keeping the visitors at a safe distance from the animal enclosures.
4.	16 (i)	The caged enclosures for tiger should be demolished and appropriately designed natural enclosures should be provided.
5.	16 (ii)	Appropriately designed natural enclosure for crocodile should be constructed.
6.	16 (iii)	The old aviary near the rest house should be demolished and appropriately designed aviaries simulating the natural conditions of the birds should be constructed.

7.	16 (iv)	The mithun enclosure should be used to house sangai, after providing appropriate feeding cubicles.
8.	16 (v)	The artificial shelters provided on the macaque islands should be made naturalistic so that it merges with the overall environment/landscape of the enclosure.
9.	16 (vi)	Appropriately designed large natural enclosures should be provided for the pheasants.
10.	16 (vii)	The depth and height of the parrot aviary and nicobar pheasant enclosure should be increased.
11.	16 (viii)	Appropriately designed natural enclosure should be provided for all the primate species being displayed by the zoo.
12.	16 (ix)	The height of the birds of prey aviary should be increased to provide more flight area to the birds.
13.	17 (i)	Simulated conditions of the natural habitat of the painted storks should be provided in the enclosure so that the birds can make their nests for egg laying.
14.	17 (ii)	In the nicobar pheasant enclosure a saucer shaped receptacle measuring one feet in diameter and made off half square mesh wire netting for making nest should be placed at a certain height inside the enclosure.
15.	17 (iii)	The nesting basket in the Brahmini kite enclosure should be shifted elsewhere away from the visitors' side. Appropriate materials that could be used for making nests by the birds should also be provided in the enclosure.
16.	17 (iv)	A dwarf baffle wall should be erected in front of the wide openings of some of the dens of hyaena for providing the female hyaena some withdrawal areas away from the watch of visitors during parturition and cub rearing.
17.	19	Proper arrangement for removal of liquid wastes from hippo and rhino enclosure should be made.
Breeding of animals		
18.	36	The zoo shall keep in collection only such number of animals and such species for which appropriate housing facility exists. The zoo operators shall be responsible for ensuring that the number of animals of any species does not go beyond the holding capacity of the enclosures available in the zoo and the housing standards are not compromised for keeping the excessive numbers.
19.	37	The zoo is displaying single/unpaired animals like Indian wild ass, jungle cat, small Indian civet, assamese macaque, lion tailed macaque, Indian pied hornbill, king cobra, burmese rock python, reticulated python and Indian tent turtle. Necessary measures should be taken for providing mates to the single/unpaired animals.

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Other recommendations	
1.	Entry of stray dogs inside the zoo campus should be prevented.

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition beyond 31.12.2008 would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

Yours faithfully,
sd/-
(B. R. Sharma)
Member Secretary

Copy to:-

1. The Chief Wildlife Warden, Government of Orissa with a request that the stipulated conditions may be got implemented within the given time frame.
2. The Forest Secretary, Government of Orissa for favour of information.

o/c
Issued
18.11.04

BR
(B. R. Sharma)
Member Secretary

