

Computer No: 151093

Government of India

Ministry of Environment Forest & Climate Change

CENTRAL ZOO AUTHORITY

B-1 Wing, 6th Floor,
Pandit Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110 003.

cza@nic.in

March 4, 2022

To,

Chief Wildlife Warden

Goa Van Bhavan

Forest Department

Altinho, Panaji Goa. 403001

dcfhq-forest.goa@nic.in

Subject: Grant of renewal of recognition to Bondla Zoo, Usgaon, Goa under Section 38-H (1), (3) & (4) of Wild Life Protection Act, 1972.

References:

1. Letter No. 1-238-WL&ET(N)/2021-2022/357 dated May 10, 2021
Application received from DCF, WL and Eco tourism (North), Panjim Goa regarding renewal of recognition
2. This office letter File No.7-10/2020-CZA(PART-I) dated 25.08.2021 for renewal of recognition under sub-section (1), (3) and (4) of Section 38-H of the Wild Life (Protection) Act, 1972, for the period of one year (upto

I/7609/2022

19th August 2021)

3. This office letter File No 19-28/92-CZA(78)(Vol.V)(PKR)/2892/2018 dated 09.04.2018 for renewal of recognition under Section 38-H of the Wild Life (Protection) Act, 1972 upto 22.03.2019.
4. This office letter F.No19-28/92-CZA(78)(Vol.V)(AK)/2425/2018 dated 13.02.2018
5. This office letter F.No 19-28/92-CZA(78)(volIV)(M)/436/ dated 19.02.2014

Sir,

The application for renewal of recognition was received from the Director, Bondla Zoo Usgaon Goa was received vide correspondence listed at (1). Dr Gowri Mallapur, Veterinary Consultant, Central Zoo Authority was deputed by this office as the evaluating officer and the zoo was evaluated on September 13 and 14, 2021. Copy of the evaluation report is enclosed herewith for your perusal and needful action.

The evaluation report of the Bondla Zoo Usgaon, Goa was placed before the Technical Committee of the Central Zoo Authority in its meeting held February 10, 2022 and after deliberation it was decided to grant the renewal of recognition to Bondla Zoo, Usgaon Goa for a period of one year up to March 08, 2023 under Section 38-H (1), (3) & (4) of the Wild Life (Protection) Act, 1972, the Recognition of Zoo Rules, 2009 and extant guidelines of the CZA and further subject to the compliance of the conditions stipulated below and a mid-term evaluation.

Sr. No	Norm No.	Particulars of suggestions/recommendation	Time Period to Comply
1.	General requirements		
	10.1(4)	The perimeter boundary must be completed. As the zoo exists within the wildlife sanctuary and surrounded by deep forest, there is no need of having a pucca wall as perimeter barrier. However, 7ft. high chain-link fencing above ground may be erected as perimeter barrier all around the zoo area.	6 months
	10.1(7)	The Zoo should provide a proper waste disposal system for treating the liquid wastes and water discharges generated in the Zoo and must be incorporated in the masterplan. There should be waste disposal system having no adverse impact on the	3 months

I/7609/2022

		environment	
2	Administrative and Staffing Pattern		
	10.2(2)	The zoo shall have an official with masters' degree in Wildlife Sciences or Zoology as a full-time curator solely responsible for looking after the upkeep of animal and maintenance of animal enclosures.	3 months
	10.2(2)	A full time Biologist and education officer and veterinarian must be employed by the zoo for the scientific management and animal care.	6 months
3	Development and Planning		
	10.3(1)	The zoo should prepare and get the comprehensive Master Plan approved by the CZA.	Immediately
	10.3(3)	The Herbivore (Spotted Deer, Sambar, Chowsinga, Black buck), enclosure should be made as per the CZA norms with appropriate design approvals.	immediately
	10.3(6)(d)&(8)	The zoo should submit information to the CZA about the rescued animals that pertains to an endangered species. Paperwork for all species acquired on rescue must be completed and reconciled with appropriate information to CWLW and CZA	Immediately
	10.3(7)	Zoo shall not accept any rescued animals unless it has appropriately designed enclosures and upkeep facilities for the animals as well as facilities for keeping it in isolation during quarantine period	Immediately
	10.3 (8)	When the zoo decides to accept any rescued animal for housing a detailed report regarding the source from which the animal has been received, legality of acquisition and facilities available at the zoo for housing upkeep and healthcare shall be sent to the Chief wildlife warden of the state. Provided that in case the rescued animal pertains to an endangered species a copy of	Immediately

I/7609/2022

		the report shall also be sent to CZA	
4	Animal Housing and Display Enclosures		
	10.4(1&2&6)	The enclosures of Wild boar, Gaur, Sloth bear, Black buck and Sambar, Spotted deer, Civet, Jungle cat and snakes need to be improved with appropriate isolation, kraals and well ventilated night cells as per CZA norms to meet the, biological requirements of the animals.	6 months
	10.4(3)	Service pathways for keepers and safe movement for animals must be put in place	6 months
	10.4 (8)	No new enclosures for endangered species will be constructed (modified) without approval from CZA	Immediately
	10.4(9)	All the animal enclosures in the Zoo should be provided warning signs for keeping the visitors at a safe distance from the animals.	Immediately
5	Upkeep and healthcare of Animals		
	10.5(1)(g)	The zoo should have provision of secondary holding areas for safe movement of animals from primary enclosures for isolation/ cleaning/feeding/medical procedures.	One year
	10.5.(2) (4 & 5)	Meat handling by staff should be done by wearing clean and disinfected boots and overalls and gloves should be used for handling meat	Immediately
	10.5(4)	All herbivore enclosures should have a provision of multiple feeding areas and water dispensers and isolation areas for the animals with kraal	One year
	10.5(10)	Zoo shall maintain detailed records of observation of biological and social behaviour and health status of the animals including food intake, medication and treatment provided in the keeper's diary, daily reports, animal history cards and treatment cars as per standards specified by the Central Zoo Authority	immediately

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6	Veterinary and infrastructure facilities		
	10.6(3)	Zoo should have a post-mortem room for conducting necropsy (post mortem), quarantine and isolation ward as per the CZA Guidelines.	Immediately
	10.6(5)	The Zoo should have, qualified lab-assistant/compounder to assist the veterinarian in health care of the Zoo animals.	Immediately
	10.6(6)	Zoo should have a formal MoU on health care with the nearest veterinary institution and the MoU should contain names and contact details of person who will assist the Zoo in all aspects in health care-management.	Immediately
7	Post mortem and disposal of carcasses		
	10.7 (2)	Findings of the post-mortem examination shall be recorded in the format prescribed by CZA and maintained for a period not less than 6 years.	Immediately
	10.7 (3)	In the event that the PM is inconclusive, the zoo authorities shall send samples of the tissues, organs blood and viscera for further examination to a qualified diagnostic lab for further investigation and identifying cause of death	immediately
	10.7(4)	Zoo shall ensure that carcasses of the animals after PM has been conducted is disposed off by burying or burning in a manner that does not have adverse impact on the zoo and surroundings	Immediately
9	Acquisition and Breeding of animals		
	10.9(6)	As the zoo been identified as a participating zoo for conservation breeding of Gaur, the Gaur enclosure also needs expansion, enrichment, isolation areas and may be even creation of another enclosure at an appropriate location to house the animals identified for CBP	Within 1 year

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	10.9(9)	To safe guard against uncontrolled growth in the population (eg wild boar, sambar) the zoo should adopt appropriate population control measures.	
	10.9(4)	The zoo should acquire mates for single animals (Sloth bear, Lady Amherst Pheasant, Jackal) on priority basis.	Immediately
10	Research Activities		
	10.10	The zoo should Implement a research plan and conduct research on the prioritized species and specific areas of concern.	6 months
11	Outreach activities		
	10.11	The zoo should have education and outreach activities for conservation education of the visitors of the zoo.	6 months

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

The recognition of Bondla Zoo Usgaon Goa for the period beyond March 08, 2022 would be considered on the basis of compliance of the conditions stated above.

The recognition of Bondla Zoo Usgaon Goa 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.

This is issued with the approval of the competent authority.

Yours sincerely,

I/7609/2022



Akanksha Mahajan

Dy Inspector General Of Forest

Copy for information and necessary action to:

The Director/ Officer In-charge,

Dy.C.F. Wildlife & Ecotourism (N)

Bondla Zoo, Bondla Usgao, Goa

Email: dcfwlnorth-forest.goa@nic.in



GOVERNMENT OF INDIA

भारत सरकार

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

Central Zoo Authority

केन्द्रीय चिड़ियाघर प्राधिकरण



F. No.19-28/92-CZA(78)(Vol. V)(PKR)

9892/2018

By Post / E-mail
Date: 09.04.2018

To,

The Chief Wildlife Warden,
Gomantak Maratha Samaj's Dayananda Smruti Building,
Old Passport Office,
Panaji - 403 001 (Goa)

Sub:- Renewal of recognition to the Bondla Zoo, Bondla-Usgao, Goa for period beyond 28.02.2017 under Section 38H(1) of the Wildlife (Protection) Act, 1972 - reg.

Ref:-

1. This office letter F. No. 19-28/92-CZA(78)(Vol. IV)(M)/4361 dated 19.02.2014.
2. This office letter F. No. 19-28/92-CZA(78)(Vol. V)/1274/2017 dated 30.06.2017.
3. Application letter No. 1-238-CZA/WL&ET(N)/17-18/1081 dated 24/26.07.2017 received from the Dy. Conservator of Forests, Wildlife & Eco-Tourism (North), Panaji, Goa.
4. This office letter F. No. 19-28/92-CZA(78)(Vol. V)(AK)/2425/2018 dated 13.02.2018.

Sir,

Reference is invited to above cited correspondence. It is to inform that the evaluation of the Bondla Zoo, Bondla-Usgao, Goa was carried out by the undersigned on 16th and 17th February, 2018. The evaluation report of the Bondla Zoo, Bondla-Usgao, Goa was considered by the Technical Committee in its 85th Meeting held on 23.03.2018. After detailed deliberations, the Technical Committee of the Central Zoo Authority decided to grant renewal of recognition of Bondla Zoo, Bondla-Usgao, Goa for a period of one year. A copy of the evaluation report is enclosed with this letter for your kind perusal and needful action.

The Committee members also desired that Bondla Zoo, Bondla-Usgao, Goa (small category zoo) to submit time bound commitment for compliance within 30 days of communication of the observations of the evaluation report and half yearly compliance report subsequently.

The renewal of recognition to the Bondla Zoo, Bondla-Usgao, Goa as a "Small Category Zoo" as per the provisions of Section 38H(1) of the Wild Life (Protection) Act, 1972 is for a period up to 22.03.2019 subject to the compliance of the following directives under the **Recognition of Zoo Rules (RZR), 2009** and mid-term evaluation of the zoo and regularise the period after 28.02.2017:-

Sr. No	Norm under RZR, 2009	Particulars of suggestions/recommendation	Time Period to Comply
1. General requirements			
1	10.1(4)	As the zoo exists within the wildlife sanctuary and surrounded by deep forest, there is no need of having a <i>pucca</i> wall as perimeter barrier. However, 7-8 ft high chain-link fencing may be erected as perimeter barrier all around 39 hectares of zoo area.	One year
2	10.1(2)	The giant squirrel enclosure should be enlarged.	Immediately
3	10.1(7)	The Zoo should provide a proper waste disposal system 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.	Immediately

Continued...

B-1 Wing, 6th Floor, Pt. Deendayal Antyodaya Bhawan, CGO Complex, Lodhi Road, New Delhi-110003

बी-1 विंग, छठा तल, पंडित दीनदयाल अन्तोदय भवन, सीजीओ परिसर, लोधी रोड, नई दिल्ली-110003

Tel.: 011-24367846, 24367851, 24367852, Fax: 011-24367849

E-mail: cza@nic.in, Website: http://www.cza.nic.in

2. Administrative and Staffing Pattern			
4	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. It is a small zoo. There should be one Curator and one Biologist. The Officer-in-charge of the zoo and the Curator are two separate posts.	One year
3. Development and Planning			
5	10.3(1)	The zoo should prepare and get the Master Plan approved by the CZA.	Immediately
6	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 been affected due to such animal enclosures/structures.	Immediately
7	10.3(3)	The Spotted Deer enclosure should be made proper as per the CZA norms.	
8	10.3(6)	A collection plan of animals to be housed and displayed in the zoo should be prepared. The plan should be prepared keeping in view due regard to the availability of land, water, electricity and climatic condition of the area.	Immediately
9	10.3(6)(d)	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(1&2)	The Zoo is situated within the Bondla Forests and has thick vegetation which acts as the nature immersing environment for the animals. The enclosures are large. The paddock areas are mostly desolate and rocky, generally devoid of ground vegetation, with sparse trees. Massive enrichment measures are required. The enclosures of Wild boars, Bison, Tiger, Leopard, Sloth bear, Black buck and Sambar needs to be improved.	One year
11	10.4(2)	The enclosures for snakes shall be designed to meet the, biological requirements of the animals. The nocturnal species enclosures (porcupine and civets) shall be provided with darkened shade for animal's privacy.	One year
12	10.4(3)	The safety features both for visitors and animal keepers have to be upgraded as the night shelters are close to the visitor path and there is no proper animal keepers gallery in most of the enclosures. The Zoo requires a complete overhaul for the safety and security of the animals, animal keeper's and visitor's. There is ample space for the movement of animals except in few enclosures having surplus animals like Wild boar, Bison and leopard.	One year
13	10.4(6)	Snakes, Civets & Crocodile enclosures requires species-specific enrichment including filling with sand for basking of crocodiles.	One year

Continued....

14	10.4(6)	a) The Zoo enclosures require drastic modification and improvement to enrich the paddock area and night shelters in order to comply with the standard of CZA. b) Wild boar, Tiger, Bison, snakes and crocodile enclosures need to be improved structural modification in night shelters.	One year
15	10.4(8)	The zoo has constructed, without prior approval of the Central Zoo Authority, new cells for reptiles which are not as per specifications prescribed by the CZA. It should be made as per the CZA norms. No enclosure for endangered species should be constructed without prior approval of the CZA.	One year
16	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
17	10.4(9)	The zoo should plant hedge between the standoff barrier and the paddock wall.	One year
18	10.4(10)	Every enclosure in the zoo should bear a sign board in bilingual language displaying scientific information about biology and behavior etc. of the animals exhibited in it.	One year
5. Upkeep and healthcare of animal			
19	10.5(1)(g)	The zoo should have provision of secondary holding areas for safe movement of animals from primary enclosures for cleaning/ feeding/ medical procedures.	One year
20	10.5(3)	The meat house should be made fly proof.	Immediately
21	10.5(3)	Zoo should install a freezer of adequate capacity for storage of meat products.	Immediately
22	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
23	10.5(4)	All herbivore enclosures should have a provision of a small enclosure cum shelter where feed is to be provided to the animals.	One year
24	10.5(4)	The Zoo should provide secondary holding areas for safe movement of carnivores from primary enclosures for cleaning / feeding / medical procedures etc.	One year
25	10.5(2)(3)	The 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
6. Veterinary and Infrastructure Facilities			
26	10.6(3)	Zoo should have a post-mortem room for conducting post mortem as per the CZA Guidelines.	Immediately
27	10.6(5)	The Zoo should have one qualified lab assistant/ compounder to assist the veterinarian in healthcare of the Zoo animals.	Immediately
28	10.6(6)	Zoo should have a formal MoU on health care with the nearest veterinary institution and the MoU should contain names and contact details of person who will assist the Zoo in all aspects in health care management.	Immediately
9. Acquisition and breeding of animals			
29	10.9(9)	To safeguard against uncontrolled growth in the population of wild boar, chowsingha and sambar the zoo should implement appropriate population control measures.	Immediately

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30	10.9(4)	The zoo should acquire mates for single animals (Tiger, Elephant, Hippopotamus, Keel back Checkered Snake, Trinket Snake, Peafowl and Lady Amherst Pheasant etc.) on priority basis.	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
11. Education and Outreach Activities			
32	10.11	The zoo should have appropriate signages and education and outreach activities for conservation education of the visitors of the zoo.	One year
12. Visitor Facilities			
33	10.12(1) and	The zoo should provide adequate civic facilities for visitors at appropriate and convenient places within the zoo including the physically disadvantaged persons.	Immediately
34	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 Bondla Zoo, Bondla-Usgao, Goa for period beyond 22.03.2019 as "a Small 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 Bondla Zoo, Bondla-Usgao, Goa 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 Deputy Conservator of Forests, Wildlife & Eco-Tourism (North) Division, 1st Lift, 4th Floor, Junta House, Panaji – 403 001 (Goa) - for information and with a request that the conditions stipulated may be got implemented.
2. The DPA, CZA – to update database.

Questionnaire for Evaluation of large, medium, small and mini zoos
Central Zoo Authority - {RECOGNITION OF ZOO RULES, 2009}

O/o Central Zoo Authority
Diary No. 35975
Date 20/3/18

PART-I

(to be filled by the officer-in-charge of the zoo)

Date of Evaluation: 16th & 17th Feb 2018

Name of the Evaluator/s: Dr D. N. Singh, MS, CZA

1	Name of the Zoo	Bondla Zoo		
2	Name/designation of the officer in-charge of the zoo	Shri. Vikas Desai Dy. Conservator of Forests, WI&ET (North) Panaji, Goa.		
	Address:	1 st Lift, 4 th Floor Junta House Panaji Goa. 403001.		
	Mobile Phone:	7798986124		
	Email:	dcfwnorth-forest.goa@nic.in		
	Website:			
3	Location and Area of the Zoo (also indicate the distance from the city/town):	Bondla, Usgao, Goa.403407		
	Whether the office of Zoo Director is within campus, if outside, how far?	No, 44 Km from Bondla Zoo. The Zoo has a full time Manager in the rank of Asst. Conservator of Forests.		
4	If the Zoo Director is in-charge of any activity other than the zoo, if yes, please specify.	Dy. Conservator of Forests, WL & ET (North) Panaji, Goa.		
5	Operator/Agency under whose control the Zoo, and	Zoo Manager.		
	Contact person	Shri. Damodar Sailekar.		
	Address	Bondla, Usgao Goa. Ph: 0832-2935800		
6	If the Zoo having a society/foundation/trust for financing and development of the zoo, if so, the details, thereof, attach a separate sheet	No		
7	Approximate population of the city where the zoo is located	N/A Zoo is situated inside Wildlife Sanctuary, Bondla that is free from human habitation.		
8	Year of the Zoo founded	1969		
9	Year first opened to public			
10	Mission Statement of the Zoo	The mission of Bondla Zoo is to; achieve the distinction of being an outstanding Zoo of the region for Conservation, Awareness, Education and visitor experiences by connecting people to Wildlife and Biodiversity of Western Ghats.		
11	Vision Statement of the Zoo	<p>1. To promote conservation breeding with emphasis on endangered species like Gaur, King Cobra. Exchange of such species of animals with other zoos, release of suitable animals in wild in their natural habitat with strict adherence to protocol and guidelines.</p> <p>2. To promote education and interpretation so as to inspire the visitors to become environmentally responsible and take home the message of conservation needs of fast dwindling biodiversity.</p> <p>3. To facilitate scientific study and research in the arena of animal etiology, enclosure enrichment feed and nutrition of zoo intimates and reproductive biology.</p> <p>4. To ensure naturalistic and spacious housing, ethical and standard health- care, excellence in animal husbandry and enrichment of enclosures.</p>		
12	The day on which the zoo closed to public	Monday		
13	Last Recognition valid up to and evaluated by (mention name of the team members)	28 th February 2017. 1. Shri. P. C. Tyagi, WII Dehradun. 2. D. N. F. Carvalho, C. F. Wildlife. 3. Dr. A. Anil Kumar, D.C.F. Wildlife. 4. Shri. Kamu Prakash, Zoo Manager. 5. Shri. Vishwas Chodankar, R. F. O. Bondla.		
14	Whether your zoo is member of WAZA or any other such organizations, if so, provide details	No		
15	Officers present during the evaluation	1. Shri Ajai Saxena, PCCF & CWLW 2. Dr. A. Anil Kumar, C.F. Wildlife 3. Shri. Vikas Desai, D.C. F. Wildlife and Eco-tourism (North) 4. Shri. Paresb Porob, l/c Zoo Manager. 5. Shri. Mahnand Paryekar, R.F.O. Bondla.		
16	• Total no. of animals exhibited by the zoo (during the last evaluation & as on the date of evaluation) • Species exhibited & numbers	Stock position during the current financial year		
		Number of species	Stock Position on the close of	Births/ Acquisitions/

		preceding yea	Deaths/ Disposal	application		
		Mammals	88	B-8, D-2,A-4		
		Birds	16	B-3, D-0,A-4		
		Reptiles	41	B-5, D-1,A-2		
		Amphibians	0	0		
		Fishes and	0	0		
		Invertebrates	0	0		
B : Birth, D : Death , A: Acquisition.						
17	List of Surplus Animals (attach a list)	Wildboars, Sambar, Blackbuck are surplus.				
18	List of additional facilities available at the zoo like and their entrance fees, if any;					
	1. Nocturnal House	No				
	2. Reptile House	No				
	3. Aquarium	No				
	4. Safari	No				
	5. Boating	No				
	6. Morning Walks	Yes				
	7. Train Ride	No				
	9. Elephant Ride etc	No				
	10. Others, specify	Eco-tourism Complex.				
19	No. of visitors (during the current and last three financial year)	Year	Visitors (nos)			
		14-15	1,06,814			
		15-16	1,18,345			
		16-17	1,12,187			
		17-18 (upto February)	1,07,565			
20	Budget of the zoo (last three years) (attach separate sheet if required)	Year	Revenue (in Rs.)	Expenditure (in Rs.)		
		2014-15	42,29,775	86,14,038		
		2015-16	59,74,045	1,02,02,306		
		2016-17	64,49,717	1,00,93,866		
		2017-18 (upto Feb)	56,69,441	1,04,71,349		
21	Revenue earned (last three years)	Year	Revenue (in Rs.)			
		2014-15	42,29,775			
		2015-16	59,74,045			
		2016-17	64,49,717			
		2017-18 (upto February)	56,69,441			
22	Utilization of financial Assistance received from the CZA during last three years and its utilization	Year	Funds Recived From CZA	Amount Spent With Item Wise Details	Savings, if any	Remarks Utilization Certificates Pending, if any, Provide Details
		NIL				

PART-II

**Details on compliance of the conditions stipulated by the Central Zoo Authority
(as per the earlier letter of grant of recognition issued to the zoo)**

Letter F. No. 19-28/92-CZA(78)(Vol.IV)(M)/4361, dt.19.02.2014, Letter No. F. No. 19-28/92-CZA(78)(Vol. IV)(M) dt. 13.08.2008 and Letter No. 19-28/92-CZA(78)(Vol. II) (M) dt.22.08.2006

Sr. No	Norm No.	Condition Stipulated	Time period to comply	Since when pending	Remarks	
					Status with regard to Compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
1. General requirements						
1	10.1(1)	The primary objective of the zoo shall be 'the conservation of wildlife and zoo should not allow any activity that is not consistent with the well being of the wild animals.	With immediate effect	13.08.2008	Complied	Complied
2	10.1(4)	As the zoo exists within the wildlife sanctuary and surrounded by deep forest, there is no need of having a pucca wall as perimeter barrier. However, 7-8 ft. high chain-link fencing may be erected as perimeter barrier all around 39 hectares of zoo area.	One year	13.08.2008 Partly Complied	500 metres chain link fence is completed. Balance pending for financial constraints	Not complied
3	10.1(5)	The Zoo should be encompassed by a perimeter wall at-least 2 meters high from the ground level.	By 31.08.2008	22.08.2006 Partly Complied	500 metres chain link fence is completed. Balance pending for financial constraints	Not complied
4	10.1(7)	The Zoo should provide a proper waste disposal system for treating both the solid and liquid wastes generated in the Zoo.	By 31.08.2008	22.08.2006 Complied	Soak pits are provided behind each enclosure for liquid waste. Solid leftovers are picked up physically and disposed in crocodile pond in sanctuary. Organic matter undergoes composting. Plastic waste is sent for recycling to Solid Waste Management Cell, Goa.	Not complied
5	10.1(7)	The Zoo Operator shall provide proper waste disposal system for both the solid and liquid wastes generated in the zoo.	Immediately	13.08.2008 Complied	Soak pits provided behind each enclosure for liquid waste. Solid leftovers are picked up physically and disposed in crocodile pond in sanctuary. Organic matter undergoes composting. Plastic waste sent for recycling to Solid Waste Management Cell, Goa.	Not complied
6	10.1(8)	The elephant should not be kept tethered in the night unless doing so is essential for its own well being.	By 31.08.2008	22.08.2006 Complied	The elephant is let out at night in sanctuary.	Complied
2. Administrative and Staffing Pattern						
7	10.2(1)	The Zoo shall have a full time Officer-in-charge of the Zoo and the Zoo Officer shall be delegated	By 31.08.2008	22.08.2006 Complied	The Zoo Manager has	Complied

Sr. No	Norm No.	Condition Stipulated	Time period to comply	Since when pending	Remarks	
					Status with regard to Compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
		adequate administrative and financial powers to purchase feed and medicine and carryout emergency repair of animal enclosures, as may be necessary for proper upkeep and care of the Zoo animals.			been appointed full time for the Bondla zoo. Administrative and financial powers are exercised by the Director of Bondla Zoo.	
8	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.	By 31.08.2008	22.08.2006 Complied	Zoo Manager has M.Sc degree in Biodiversity	Not complied
9	10.2(2)	The Zoo shall have one full time veterinarian registered with the State Veterinary Council/ Veterinary Council of India for daily checkup of the health of the animals.	By 31.08.2008	22.08.2006	Complied	Complied
3. Development and Planning						
10	10.3(1)	A Master Plan (including a Layout Plan) for development of the zoo shall be prepared and submitted to the CZA in the format circulated vide letter No.27-1/2005-CZA(M) dated 03.02.2006. A management plan giving detailed proposals and activities to be taken up during next five years should also be submitted. The CZA has raised queries requesting for modification of layout and Master Plan which has not been replied yet.	By 28.02.2007	22.08.2006, 19.02.2014	Revision of Master Plan was submitted in 2014 but was returned with observations.	Not complied
11	10.3(3)	The existing herbivore enclosure has been divided into 3-4 sections for housings Sambar, Spotted deer, Blackbucks etc. It will be worthwhile to remove the partitions and use the enclosure only for housing any one of the herbivore species. For other herbivore species, new enclosures may be created on the outer ring of the zoo.	Six months	13.08.2008	The Black buck and Sambar enclosures are spacious. The work of a separate Spotted Deer enclosure is contemplated.	Not complied
12	10.3(6)	A collection plan of animals to be housed and displayed in the zoo should be prepared. The plan should be prepared keeping in view due regard to the availability of land, water, electricity and climatic condition of the area.	By 31.08.2008	22.08.2006	The layout plan of enclosures was already submitted to CZA in 2014, which is to be modified now.	Not complied
13	10.3(8) and Sec.38I of the WLPA	The zoo should not acquire any animals in violation of the Act or Rules made there under.	With immediate effect	13.08.2008	Being Complied	Complied
4. Animal housing, display of animals and animal enclosures						
14	10.4(1) and 10.4(2)	The Zoo is situated within the Bondla Forests and has thick vegetation which acts as the nature immersing environment for the animals and the enclosures are large. The paddock areas are mostly desolate and rocky generally devoid of ground vegetation with sparse trees. Massive enrichment measures are required. The enclosures of wild boars, bison, tiger, leopard, sloth bear, black buck and Sambar needs to be improved.	Within six months	19.02.2014 Complied	Tree plantation and activity enhancing measures are done as enrichment.	Not complied
15	10.4(2)	The enclosures for snakes shall be designed as to meet the biological requirements of the animals. The nocturnal species enclosures (porcupine and civets) shall be provided with darkened shade for animal's privacy.	By 31.08.2008	22.08.2006	Partially complied. Nocturnal animal enclosure not designed.	Not complied
16	10.4(3)	The safety features both for visitors and animal keepers have to be upgraded as the night shelters are close to the visitor path and there is no proper animal keepers gallery in most of the enclosure. The Zoo requires a complete overhaul for the safety and security of the animals, animal keeper's and visitor's. There is ample space for the movement of animals except in few enclosures with surplus animals like Wild boar, Bison and leopard.	Within one year	19.02.2014	Complied partly due to financial constrains.	Not complied
17	10.4(6)	Crocodile enclosure should be provided with sand for basking	With	13.08.2008	Breeding has	Complied

Sr. No	Norm No.	Condition Stipulated	Time period to comply	Since when pending	Remarks	
					Status with regard to Compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
		and egg laying etc.	immediate effect	Complied	taken place.	
18	10.4(6)	Snakes, Civets & Crocodile enclosures requires massive enrichment and structural modification including filling with sand for basking.	Within six months	19.02.2014 Complied	All enclosures are renovated.	Complied
19	10.4(6)	a) The Zoo enclosure require drastic modification and improvement to enrich the paddock area and night shelters in order to comply with the standard of CZA. b) Wild boar, Tiger, Bison, snakes and crocodile enclosures need to be improved with species specific enrichment in the paddock area and structural modification in night shelters.	With Immediate effect	19.02.2014 Complied partly	Snake, Sloth Bear & Leopard enclosure are renovated.	Not complied
20	10.4(7)	Adequate screening between enclosures is generally provided except between wild boar and Tiger enclosure where proper vegetation screening is necessary.	With Immediate effect	19.02.2014	Complied	Complied
21	10.4(8)	Designing of new enclosures for endangered species shall be finalized with prior approval of the Central Zoo Authority. i. The Lion enclosures needs renovation and expansion, the same should be carried out with the prior approval of the Central Zoo Authority. ii. The zoo should create open air enclosures for Common langur and Bonnet monkeys. iii. The night cells of the Leopard enclosure needs to be made out of bound for the visitors by realigning the footpath along the Leopard enclosure.	By 31.08.2008	22.08.2006; 13.08.2008	i. The Lion enclosure is used to house Tigers now estimate for renovation of night shelter of Tiger, Gaur and Sloth bear are prepared and will be sent to CZA following which codal formalities shall be initiated for works. ii. Will be planned upon approval of Master Plan. iii. Complied, the footpath is realigned already.	Not complied
22	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.	By 31.08.2008	22.08.2006	Complied For all enclosures except Civet cat.	Not complied
23	10.4(10)	Every enclosure the zoo should bear a sign board in local language as well as in English displaying scientific information regarding the animals exhibited in it.	By 31.08.2008	22.08.2006	Complied partly	Not complied
5. Upkeep and healthcare of animals						
24	10.5(1)	Provision of footbath of adequate size with proper disinfectant at entry and exit points of animal house is not provided.	With Immediate effect	19.02.2014	Complied	Complied
25	10.5(2)	Random food and water samples should be tested periodically for microbiological, toxicological and any other contaminants at recognized laboratory.	With Immediate effect	19.02.2014 Complied.	Water samples analysis is carried out regularly in Government Laboratory. even the beef and chicken samples will be analysed henceforth as advised by Member Secretary, CZA.	Complied

Sr. No	Norm No.	Condition Stipulated	Time period to comply	Since when pending	Remarks	
					Status with regard Compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
26	10.5(3)	Zoo should install a freezer of adequate capacity for storage of meat products.	Within Six months	19.02.2014	Fresh meat is sourced daily.	Not complied
27	10.5(3)	The Store house for food is inadequate and storage conditions need improvement.	Within one year	19.02.2014 Complied.	A new store house cum zoo kitchen has been constructed in the year 2014.	Not complied
28	10.5(3)	The feed store and meat house is in close proximity and should be separated and fly proof and pest free devices fitted.	Within Six months	19.02.2014	Complied	Not complied
29	10.5(3)	Meat handling by staff should be done by wearing clean and disinfected boots and overalls and gloves should be used for handling meat.	Within three months	19.02.2014	Complied.	Complied
30	10.5(4)	The herbivore enclosure should have a provision of a small enclosure cum shelter where the feed to the animals can be provided.	By 31.08.2008	22.08.2006 Complied.	Feed shelter for spotted deer is to be constructed.	Not complied
31	10.5(4)	The Zoo should provide secondary holding areas for safe movement of carnivores from primary enclosures for cleaning / feeding / medical procedures?	Within one year	19.02.2014	Work is yet to be taken up due to constraints of space.	Not complied
32	10.5(5)	Grills and floor of feeding cells, night shelters and chain link fence of outdoor enclosures are not being disinfected on routine basis.	With Immediate effect	19.02.2014 Complied	Lime Wash and Gas burning disinfection done once in a year.	Complied
33	10.5(6)	The animals housed at the zoo should be handled by the staff having experience and training in handling the individual animals. Every care should be taken to avoid discomfort, behavioural stress of physical harm to any animal.	With immediate effect	13.08.2008 Complied	4 Animal keepers have been deputed for training in zoo keeping.	Complied
34	10.5(8)	A schedule for routine examination including parasite checks of the animals should be prepared and implemented. Preventive medicine including vaccination should be administered at such intervals as decided by the visiting veterinary officer.	By 31.08.2008	22.08.2006 Complied	Maintained by Zoo Veterinary Officer	Complied
35	10.5(9)	The Zoo Operator shall arrange for medical checkup of the staff responsible for upkeep of animal atleast once in every six months to ensure that they do not have infections of such disease that effect of Zoo animals.	With immediate effect	13.08.2008 Complied	Medical checkups of zoo staff are carried out regularly.	Complied
36	10.5(10)	The zoo should maintain animal history sheet and treatment card of each animal of endangered species.	With immediate effect	13.08.2008 Complied	Has been maintained	Complied
6. Veterinary and infrastructure facilities						
37	10.6(1)	The Zoo shall improve the basic diagnostic facilities and the veterinary unit should have isolation and quarantine wards to take care of newly arriving animals and sick animals as to minimize the chances of infection spreading to other animals in the Zoo. The Zoo should store comprehensive range of drugs and have operation theatre with all equipment and in patient ward. There should be a separate room for equipment cleaning and sterilization. The Zoo should have basic hospital and monitoring equipment as mentioned in 6.1 (e).	Within one year	19.02.2014 Complied	Two wards for quarantine and sick animals exist in the Zoo Veterinary hospital. All the drugs required for treatment of inmates are kept in ready stock including the nutrition supplements.	Complied
38	10.6(3)	The veterinary unit should have isolation and quarantine wards to take care of newly arriving and sick animals as to minimize the chances of infections spreading to other animals of the Zoo.	By 31.08.2008	22.08.2006	Complied	Complied
39	10.6(3)	The Zoo should have facilities for restraining and handling wild animals.	By 31.08.2008	22.08.2006	Complied	Complied
40	10.6(3)	Zoo does not have a post-mortem room for conducting post mortem as per CZA Guidelines.	Within Six months	19.02.2014	Shall be planned after approval of Master Plan and	Not complied

Sr. No	Norm No.	Condition Stipulated	Time period to comply	Since when pending	Remarks	
					Status with regard to Compliance of the conditions as submitted by the Officer-In-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
					fund availability	
41	10.6(5)	The Zoo should have one qualified lab assistant/compounder for assisting the veterinarian in healthcare of the Zoo animals.	By 31.08.2008	22.08.2006 Complied	Veterinary Assistant is posted to assist Veterinarian.	Not complied
42	10.6(6)	Zoo should have a formal network through MoU on health care with the nearest veterinary institution and the MoU should contain names and contact details of person who will assist the Zoo in all aspects in health care management.	Within three months	19.02.2014 Complied	Disease Investigation Unit of Directorate of Animal Husbandry and Veterinary Services and Veterinary unit ICAR Goa helps in processing pathological samples as and when required.	Not complied
7. Post-mortem and disposal of carcasses of animals						
43	10.7(4)	The Zoo should have a proper facility for disposal off carcasses without affecting the hygiene of the zoo. The burial area should be clearly demarcated and fenced to prevent access by the burning. It should be located still further away from present area to eliminate any contact.	By 31.08.2008	22.08.2006 Complied	Crematorium and Burial grounds for carcass are demarcated at two sites.	Complied
44	10.3(3) and 10.7(4)	Post-mortem room is also need to be provided a little away from the veterinary hospital. It will be worthwhile to arrange an open burning ghat for disposal of carcasses of dead animals in the zoo.	Six months	13.08.2008	Could be planned after approval of Master Plan & fund availability. Crematorium and Burial ground demarcated.	Not complied
9. Acquisition and breeding of animals						
45	10.9(1)	The zoo should keep in its collection only such number of animals (Wild boar) for which 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 housing standards are not compromised for keeping the excessive numbers.	By 31.08.2008	22.08.2006	Complied	Complied
46	10.9(4)	The Zoo should find mates for a single Sloth bear exhibited in the Zoo within a period of one year failure to which the animal shall be shifted to other needy Zoos by the Central Zoo Authority.	By 31.08.2008	22.08.2006	Complied	Complied
47	10.9(4)	Single animals like Chowsingha, Sloth bear etc. should be provided mates on priority basis.	Six months	13.08.2008	Complied	Complied
48	10.9(6)	As the zoo has been identified as a participating zoo for conservation breeding of Gaur, the Gaur enclosure also needs expansion and may be even creation of another enclosure on the backside of the existing enclosure.	Six months	13.08.2008	Yet to be completed.	Not complied
49	10.9(8)	The Zoo Operator shall exchange male Gaurs to the other zoos (Mysore Zoo) to infuse fresh blood.	By 31.08.2008	22.08.2006 Complied	Steps are already underway.	Not complied
50	10.9(9)	To safeguard against uncontrolled growth in the population of wild boar the zoo shall implement appropriate population control measures.	By 31.08.2008	22.08.2006	Surplus animals need to be exchanged. List has been prepared in this regard.	Not complied
11. Education and outreach activities						
51	10.11(1)	The zoo should publish leaflets, brochures, guide books and make same available to the visitors.	Six months	13.08.2008	Complied	Complied
12. Visitors' facilities						
52	10.12(1)	The Zoo Operator should provide adequate civic facilities like toilets, visitors shed and drinking water points at convenient places in the Zoo for the visitors.	Six months	13.08.2008	Complied	complied

Sr. No	Norm No.	Condition Stipulated	Time period to comply	Since when pending	Remarks	
					Status with regard to Compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
53	10.12(2)	The first aid equipments including antivenom shall be readily available in the premises of the zoo.	By 31.08.2008	22.08.2006	Complied	complied
54	10.12(3)	Appropriate arrangements should be made to provide access to the Zoo to physically challenge visitors including those in the wheel chair.	By 31.08.2008	22.08.2006	Complied	Not complied
Rule 11.Maintenance of records and submission of inventory						
55	11(1)	The Zoo should keep a record of birth, acquisitions, disposals of all animals and the summary of the same should be submitted to the Central Zoo Authority every year by 30 th April.	By 31.08.2008	22.08.2006 Complied	Records are updated as on 31.03.2017	Complied
56	11(1)	A brief summary of the death of animals in the zoo for every financial year, along with the reasons of death identified on the basis of the post-mortem report and diagnostic tests should be submitted to the Central Zoo Authority.	By 31.08.2008	22.08.2006 Complied	The Veterinary Officer maintains the PM reports of all zoo inmates.	Complied
57	11(2)	The Zoo should submit an annual report (in national language) of the activities of the Zoo in respect of each financial year to the Central Zoo Authority.	By 31.08.2008	22.08.2006 Complied	Annual report for 2016-17 is already submitted to CZA.	Complied

PART-III

Rule 10: Standards and Norms subject to which recognition under section 38H of the Act shall be considered.

Norm No.	Condition	Detailed status of implementation and enclosure specific recommendation	
		To be filled by the Zoo Director	Comments of the Evaluating Officers
1. General requirements			
1.1	Does the zoo make efforts to maintain population of physically, genetically and behaviourally healthy animals for furthering the cause of wildlife conservation and communicating credible conservation message to the visitors?	Yes	Yes
	b) If not please specify cases where it is violated? * Only in cases where stud books are maintained	-	
	(c) If any introduction of new blood has been made after last evaluation to increase the genetic viability of animals.	No	No
1.2	Whether any endeavour has been made for proper landscaping and planting of appropriate species done to provide a naturalistic environment within the zoo?	Yes	NO
	(b) If not indicate cases of deviation.	-	
1.3	(a) Whether the movement of visitors in the zoo has been regulated in such a manner that zoo animals are not unduly disturbed?	Yes	Yes
	(b) Is the zoo closed to visitors at least one day in a week?	Yes	Yes
	(c) Which day?	Monday	Yes
1.4	(a) Whether the zoo has appropriate barriers along the boundary of the zoo in accordance with the standards issued by the Central Zoo Authority, as a safeguard against the unregulated access of visitors to the zoo and zoo animals and being subjected to injury, pilferage and predation?	Partly Complied 500 mts completed.	Not completed
	(b) If not which stretch and its length?	-	
1.5	(a) Is the zoo surrounded by human landscape?	No	No
	(b) If yes, whether encompassed by a perimeter wall of at least two meter in height from the ground level on both sides?	-	
1.6	(a) Is there residential colony constructed within the zoo premises?	No	No
	(b) If yes, whether separated by wall from the zoo premises by a boundary wall with a minimum height of two meters from the ground level?	-	
	(c) Is the entry to the residential colony through the zoo premises?	No	NA
1.7	(a) What are arrangements for managing solid and liquid waste and storm water?	Soak pits are provided behind each enclosure for liquid waste. Solid leftovers are picked up physically and disposed in crocodile pond in sanctuary. Organic matter undergoes composting Plastic waste sent for recycling.	Solid leftovers are being picked up physically and disposed in crocodile pond in sanctuary, which is not an appropriate and environmentally acceptable way of disposal.
	(b) Is it adequate?	Yes	No
	(c) What are the short comings?	-	There should be waste disposal system having no adverse impact on the environment.
1.8	(a) Is the zoo displaying sick, injured, infirm and tethered animals to the visitors?	No	No
	(b) If yes, what are the species and each of their number?	-	
1.9	a) Is the zoo housing domestic animals within the zoo premises?	No	No
	b) Is there adequate safeguards in place to prevent the entry of domestic livestock, stray animals and pets into the zoo premises?	Yes	Yes
2. Administrative & Staffing Pattern			
2.1	Does the zoo have an officer of appropriate rank as "whole time in-charge" of the zoo with powers to take decision and ensure that adequate financial resources and infrastructural support is made available to such officer for proper housing, upkeep and healthcare of the	Yes, The Zoo Manager Bondla is a fulltime officer.	Yes

zoo animals and managing the zoo in a planned manner?																												
2.2	Does the zoo have adequate scientific and technical staff to support the officer-in-charge of the zoo in carrying out the responsibilities of housing, upkeep and healthcare of zoo animals, research and visitor education as specified in the Table below, namely: <table border="1" data-bbox="207 197 842 358"> <thead> <tr> <th>Sl</th> <th>Category of staff</th> <th>Large zoo</th> <th>Medium zoo</th> <th>Small zoo</th> </tr> </thead> <tbody> <tr> <td></td> <td>Curator</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td></td> <td>Veterinarian</td> <td>2</td> <td>1</td> <td>1</td> </tr> <tr> <td></td> <td>Education officer</td> <td>1</td> <td>1</td> <td></td> </tr> <tr> <td></td> <td>Biologist</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	Sl	Category of staff	Large zoo	Medium zoo	Small zoo		Curator	1	1	1		Veterinarian	2	1	1		Education officer	1	1			Biologist	1	1	1	Yes in place of Curator, Zoo Manager is appointed.	It is a small zoo. There should be one Curator and one Biologist. The Officer-in-charge of the zoo and the Curator are two separate posts.
Sl	Category of staff	Large zoo	Medium zoo	Small zoo																								
	Curator	1	1	1																								
	Veterinarian	2	1	1																								
	Education officer	1	1																									
	Biologist	1	1	1																								
2.3	If the scientific and technical posts are filled by direct recruitment, does the recruitment rule for such posts provide for their career progression including the benefit of flexible complementing scheme for their promotions?	No Scientific posts are created yet for Bondla zoo.	Not followed																									
2.4	In the event of emergency, what is the response time when the veterinarian is off the premises (i.e. distance between officer, residence and zoo)	Veterinary Officer stays very close to zoo.	As stated by the OIC.																									
3. Development and planning																												
3.1	(a) Has the zoo prepared and got the master plan approved by the Central Zoo Authority?	Is being finalized as the master plan last sent in 2014 was not accepted and returned with observations to be complied with.	No																									
	(b) If not, what is the stage?	Returned with some observations by CZA in 2014.																										
3.2	(a) Has at least 30% of the area earmarked for the zoo been kept under green belt and natural vegetation and the area for animal housing does not exceed 30% area of the zoo?	Yes	Yes																									
	(b) If not, approx what percentage?	-																										
3.3	(a) Have all 'pucca' buildings including the visitor facilities been planned 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 been affected due to such animal enclosures/structures?	Yes	No																									
	(b) If not what improvements are suggested?	-																										
3.4	Has the zoo prepared a collection plan in consultation with the Central Zoo Authority, indicating the names of the species and maximum number of animals of each species to be housed in the zoo, having due regard to the congeniality of the climatic conditions of the locality for the general health and well being of the species, availability of space and infrastructural support for proper upkeep and healthcare of the species, proximity of the zoo to the habitat range of the species and the past record of the zoo in management and breeding of the species and the zoo is not compromising on housing and upkeep standards of animals for accommodating new species or additional animals of the species in its collection?	Under process. It will be submitted along with the Master Plan. Only the species native to western ghats is proposed to be housed here.	Not prepared																									
3.5	(a) Has the zoo accepted any rescued animal for which it does not have appropriately designed enclosure and upkeep facilities as well as the facilities for keeping it in isolation during quarantine period?	No. The injured wildlife are confined to veterinary hospital located away from zoo.	No																									
	(b) If yes which species and from where received?	N.A.																										
	(c) The location of quarantine and isolation area?	In Veterinary Hospital premises	Yes																									
3.6	a) Has the zoo accepted any rescued animal for housing?	Yes	Yes																									
	b) If so what is the species and number?	Leopard – (1)	As stated by the OIC.																									
	c) Has the details been reported to CWLW of the state including a detailed report regarding the source from which the animal has been received, legality of its acquisition and the facilities available at the zoo for housing, upkeep and healthcare?	Yes	As stated by the OIC.																									
	d) If the rescued animal pertains to an endangered species whether a copy of the report has been sent to the Central Zoo Authority ?	N.A.	No																									
3.7	(a) Whether the Central Zoo Authority has advised to transfer any animal to a particular zoo for augmenting the number of founder animals for the conservation breeding program?	Not yet	No																									
	(b) Whether the same has been complied with?	-																										
	(c) If not, why?	-																										
4. Animal Housing, display of animals & animal enclosures																												

4.1	(a) Are the animals displayed in nature immersing (naturalistic) enclosures?	Yes Most of the Zoo enclosure are very old but are sufficiently large. Enclosures of reptiles' including King Cobra, Python have been renovated newly.	Not all animals
	(b) How many such enclosures for which species exist?	5 enclosures	
4.2	(a) If the designs and dimensions of various enclosures have been decided having due regard to the biological behavior of the species and the number of animals to be housed	Yes	Not in case of reptiles and birds
4.3	(a) Are the enclosures safe and secure for the animals, animal keepers and the visitors and has requisite space for free movement, exercise and expression of their natural behavior?	Yes	Animal houses are old and are not safe for care of the animals
	(b) If not, in which cases?		
4.4	(a) Is adequate space available to the animals in order to maintain safe distance from the dominant animals in the group or herd?	Yes	Yes
	(b) If not, in which cases?		
4.5	Which animals are kept in substandard enclosures as per CZA specification?	Spotted Deer	Spotted deer, reptiles and birds
4.6	(a) Has efforts been made to enrich the environment of the enclosures to meet the species specific behavioural requirements of the animals in accordance with the standards specified by the Central Zoo Authority?	Yes	Not in all enclosures
	(b) Where are the deviations?		
4.7	(a) Has adequate screening been provided between adjacent enclosures to safeguard against the animals getting unduly excited or stressed due to visibility of animals housed in these enclosures?	Yes	Yes
	(b) What are the deviations?		
4.8	(a) Has any new enclosure for endangered species constructed without prior approval of the Central Zoo Authority?	No	Reptile enclosures
	(b) If yes, which ones and why?	-	
4.9	(a) Has the zoo provided appropriately designed and effective standoff barriers at every animal display enclosure to regulate the movement of visitors in the zoo in a manner that facilitates the visitors in getting unobstructed view of wild animals, without reaching in the vicinity or proximity of the animals and getting the opportunity to physically touch or provoke the animals and are there adequate sign boards so as to give warning to the visitors to keep a safe distance from the animals?	Yes, except for Civet Cat the standoff barriers are serving their purpose.	Not in all enclosures
	(b) Where are the deviations?	-	
4.10	(a) Have appropriate signage been provided with relevant information on the biology, behavior and the population status of the species in the wild at every display enclosure?	Yes, it is a work in progress	No
	(b) If any deviations, details thereof.	-	
	(c) In case of large and medium zoos whether interactive interpretation facilities have been provided for the purpose of explaining behaviour and biology of the species displayed in the enclosure?	N.A.	NA
	(d) Details thereof.	-	
5. Upkeep and healthcare of animals			
5.1	Enclosures and animal facilities	Yes	Yes
	(a) Whether the animals in its collection are maintained in socially and behaviorally viable groups?		
	(b) If any animal is separated from the group, the justification for the same and whether the animals, so separated, have been housed in accordance with standards specified by the Central Zoo Authority in this regard.	-	Yes
	(c) Whether the food containers and water bowls are cleaned and disinfected on daily basis?	Yes	Yes
	(d) Whether grills and floor of feeding cells, night shelters and chain link fence of outdoor enclosures are being disinfected on routine basis.	Yes	Yes
	(e) Whether perches and shelves are cleaned regularly and kept free of faeces and urine?	Yes	Yes
	(f) Whether dirt substrates in outdoor planted exhibits are raked and spot-cleaned periodically?	Yes	Yes
	(g) Whether the zoo has provision of secondary holding areas for safe movement of animals from primary enclosures for cleaning/ feeding/ medical procedures?	Not yet	No
	(h) Provision of footbath of adequate size with proper disinfectant at entry and exit points of animal house is provided or not?	Yes	Yes
	(i) Whether the indoor exhibits have separate ventilation system between exhibits and visitors area to reduce the potentials of disease transmission, in case of reptile and nocturnal animal houses?	Yes	Yes
(j) Whether the drainage system is covered properly and away from animal houses?	Yes	Yes	

5.2	Nutrition and food hygiene General 1. Are the animals ensured timely supply of :		
	(a) adequate quality feed as per species specific diet of such a composition and in such quantities that nutritional and physiological requirement of each animal is fully met and no animal remains under-nourished on account of dominant animals not permitting other animals getting their share of the feed?	Yes	Yes
	(b) Is round the clock supply of potable water to all the animals is ensured?	Yes	Yes
	2. Whether inventory of daily received and distribution record of food items is maintained?	Yes	Yes
	3. Whether the storage conditions of the food items are appropriate (free from moisture, moulds and pests)?	Yes	No
	4. Whether the food storage facilities and working platforms are cleaned and disinfected on regular basis?	Yes	Yes
	5. Whether the regular inspection of food items is being done for its quality and freshness and transported hygienically to the respective enclosures?	Yes	Yes
	6. Whether random food and water samples are being tested periodically for microbiological, toxicological and any other contaminants at recognized laboratory	Yes	Yes
	Carnivore food and hygiene 1. Whether the meat house is fly proof and pest free and located at a reasonable distance from the feed store and kitchen?	Fresh meat is taken from Abattoir which is within 8 kms from zoo	No
	2. Whether the zoo maintains strict hygienic conditions in the entire food stream, from the butchery to feeding platforms in order to prevent food contamination and overgrowth of potential pathogenic bacteria?	Yes	Yes
	3. Whether the zoo has a sufficient size functioning freezer in the meat processing facility for storage of meat products and to keep cold until it is fed?	Fresh meat is procured everyday from Govt Meat Complex, Usgao.	No
	4. Whether the meat handlers entering the facility change into a clean and disinfected boots and coveralls?	They use footbaths.	Yes
	5. Whether the meat handlers use clean gloves when handling the meat?	yes	Yes
	6. Whether the meat preparation facility is thoroughly cleaned and disinfected on regular basis after the meat preparation is completed?	No meat preparation is done. Only dressed meat is procured	No
	7. Whether there is a covered drainage system to prevent wastes and water from the meat preparation facility from draining onto the ground surrounding the facility where foot traffic will carry pathogens around and where wildlife may become exposed to the waste?	Yes	Yes
	8. Whether the meat is fed on a clean and disinfected surface and at a time when the animal will consume it as quickly as possible?	Yes	Yes
	9. Whether the keepers use clean gloves, if they handle the meat prior to feeding?	Yes	Yes
	Food distribution 1. (a) Is the timing of distribution of food, placement of food and way of distribution of food to the animals regulated in such a manner that the animals get maximum opportunity to express natural instincts and skills and behaviour related to feeding?	Yes, food is distributed to various enclosures at around 4 pm every day. Monday is day of fasting.	Yes
	Removal of unused feed and excreta Are the left over feed, excreta of animals and all other wastes are removed promptly from the feeding cells and kraals and the feeding cells and kraals are washed and disinfected as per the advice of the authorized veterinary officers and the solid and the liquid waste generated during the process are disposed off in such manner that has no adverse impact on the hygiene and cleanliness of the zoo and the landscape surrounding the zoo?	Yes, cleaning is done every morning after animals are leftout into enclosures from night shelters.	Yes
	(a) In which cases improvement is recommended?	Hippo as emptying entire tank of water is not possible on daily basis.	Not required daily cleaning
	(b) Are the dimensions and designs of the feeding cells and kraal as per the standards specified by the Central Zoo Authority?	The feeding cells/night enclosures are old structures and require renovations.	No
	(c) Cases of deviation, if any?	Old enclosures which are awaiting dismantling.	
5.3	Visual observation on daily activity pattern of animals and preventive healthcare 1. (a) Do the curatorial and the veterinary staff keep a close watch on the general behavior and health parameters of the zoo animals?	Yes	Yes

(b) Are the animals handled only by the staff having experience and training in handling the individual animals?	Yes	Yes
(c) Whether periodical health monitoring of animals have been carried out regularly?	Yes	Yes
2. If any animal shows any sign of dullness, loss of appetite, injury or abnormal behaviour: is the animal thoroughly assessed and provided medical attention promptly as per the standards specified by the Central Zoo Authority in this regard from time to time and the direction of the zoo administration?	Yes	Yes
3. Is every zoo animal screened for parasitic loads as per written schedule prepared by the zoo in consultation with the veterinary officer and prophylactic medicines administered as per clinical requirements and vaccination of animals against infectious diseases are also done, as per the schedule prescribed by the Veterinary Officer from time to time?	Yes, only for clinical cases.	Yes
4. Whether the zoo have written schedule of vaccination and de-worming of different species of the zoo animals and displayed at the enclosure site?	Yes	Yes
5. Does the zoo maintains detailed records of observations of biological and social behaviour and health status of the animals including feed intake, medication and treatment provided in the keeper's diary, daily reports, animal history cards and treatment cards, as per standards specified by the Central Zoo Authority?	Yes, all documents are maintained.	Yes
6. Are all staff involved with upkeep and healthcare of zoo animals screened against zoonotic diseases once every year and those found positive to any communicable disease are provided appropriate treatment till they get cured and become free of the infection and during the period of such treatment, the infected employees are kept away from the responsibility of upkeep and healthcare of the animals?	Yes	Yes
7. Whether the zoo has clause of employing a zoo keeper temporarily ailing for usefully utilizing them elsewhere in the zoo in the intervening period.	Yes	Yes
8. Every zoo should have formal linkages through a MoU on healthcare, preventive, health management, surgical interventions, clinical tests, disease diagnosis and consultation in treatment and management during the period of convalescence.	Disease Investigation Unit of Directorate of Animal Husbandry and Veterinary Services and Veterinary unit ICAR Goa helps in processing pathological samples as and when required.	Yes
(a) Whether the zoo has any such MoU with the nearest veterinary institution?	No formal MoU but regular with DIU, Veterinary Dept & ICAR, Old Goa.	No
(b) Whether the MoU contains names and contact details of person/ persons to be contacted to assist zoo management in all aspects in health management for zoo animals?	N.A.	No

6. Veterinary and Infrastructure Facilities

5.1	Zoo hospital	Yes	Yes
	(a) Are veterinary facilities appropriate to the size and type of the animal collection of the zoo including isolation ward and quarantine facilities located away from the hospital and other animal collections?		
	(b) Does the zoo have a full fledged veterinary unit with all basic diagnostic facilities, pharmacy, diagnostic and treatment room, comprehensive range of drugs, operation theatre and in-patient wards?	Yes	Yes
	(c) Are there suitable and appropriately designed holding facilities for animals requiring extensive medical care?	Not yet	No
	(d) Whether the veterinary facilities have a separate area / room for equipment cleaning and sterilization?	Not yet	No
	(e) Whether the zoo has basic hospital and monitoring equipment:		
	✓ refrigerator (50C)	No	No
	✓ stethoscope	Yes	Yes
	✓ freezer (-170C)	No	No
	✓ scales for weighing animals	Yes	Yes
	✓ transponders for animal ID and transponder reader	Yes	Yes
	✓ ultra-low freezer (-700C) for serum banking and diagnostic samples	No	No
	✓ ophthalmoscope	No	No
	✓ otoscope,	No	No
✓ thermometer	Yes	Yes	
✓ capture equipment (i.e. darts and dart projectors)	Yes	Yes	
✓ laryngoscope and blades	No	No	

	✓ endotracheal tubes	No	No															
	✓ oxygen support (regulators and demand valves)	No	No															
	✓ inhalation anesthesia machine that can support a tiger-sized animal	No	No															
	✓ isoflurane vaporizer	No	No															
	✓ anesthesia monitoring equipment (single or multiparameter)	No	No															
	✓ pulse oximeter	No	No															
	✓ ECG (blood pressure monitor included)	No	No															
	✓ basic surgery instruments	Yes	Yes															
	✓ surgical light	Yes	Yes															
	✓ autoclave	No	No															
	✓ basic dental instruments	No	No															
	(f) Whether the zoo has basic diagnostic support to enable and make rapid assessments of physiologic status of sick and injured animals:	Yes	Yes															
	✓ Hematocrit and hematocrit centrifuge for Packet Cell Volume	No	No															
	✓ Hand-held refractometer for Total Serum Solids	No	No															
	✓ Hemacytometer and associated items for Manual RBC and WBC counts	No	No															
	✓ Standard laboratory centrifuge, microscope and glassware for Fecal Parasite Examination	No	No															
	✓ Standard laboratory centrifuge and glassware for Serum / Plasma separation	No	No															
	g) Whether the zoo has arrangements of reference laboratory support and rapid transportation of diagnostic samples to nearest veterinary institution equipped with following facilities:	Yes, all samples are provided to pathological labs with DIU & ICAR for analysis	Yes															
	✓ Automated blood cell counting																	
	✓ Clinical chemistry																	
	✓ Bacterial culture and antibiotic susceptibility																	
	✓ Viral isolation and identification																	
	✓ Antibody/ antigen serology																	
	✓ Pathogen identification through ELISA or PCR																	
	✓ Toxic agent analysis																	
	✓ Parasite identification																	
	(h) Has the zoo acquired sophisticated and costly diagnostic equipments for which there are no technically qualified manpower to operate and use the same?	No	No															
	(i) Whether the veterinarian and technician have requisite training for equipment use and data analysis?	Yes	Yes															
	(j) Are there proper storage facilities for various medicaments and chemical immobilization drugs?	Yes	Yes															
	(k) If a mini zoo, does it have at least facilities of a treatment room?	-	NA															
6.2	Animal restraint (1) Whether the zoo has appropriate animal restraint equipment, accessories and drugs?	Yes in the form of squeeze cages and tranquilisation equipments.	Yes															
	(2) Whether the animal restraint equipment are being kept and maintained as per standard protocol ?	Yes	Yes															
	(3) Whether the veterinarian and technician have requisite training in equipment use and animal restraint techniques including handling of drugs and management of human emergencies?	Yes	Yes															
	(4) Is it the restraint of an animal requiring chemical immobilization done exercising utmost care and following the standards specified in this regard by the Central Zoo Authority from time to time?	Yes	Yes															
	(5) Whether the veterinarian has requisite training in Animal immobilization with specific reference to wildlife?	Yes WII exposure training	Yes															
	(6) Is there a dedicated refrigerator for storage of chemical restraint drugs?	Yes	Yes															
6.3	Veterinary Support staff Does the zoo have the zoo veterinary support staff as specified in the Table below ; namely –	Yes a Veterinary Assistant is posted.	Stockman/Compounder not posted															
	<table border="1"> <thead> <tr> <th>S.No.</th> <th>Support staff</th> <th>Large Zoo</th> <th>Medium Zoo</th> <th>Small Zoo</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Lab Assistant (Technician)</td> <td>1</td> <td>1</td> <td></td> </tr> <tr> <td>2</td> <td>Stockman / compounder</td> <td>2</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	S.No.	Support staff	Large Zoo	Medium Zoo	Small Zoo	1	Lab Assistant (Technician)	1	1		2	Stockman / compounder	2	1	1		
S.No.	Support staff	Large Zoo	Medium Zoo	Small Zoo														
1	Lab Assistant (Technician)	1	1															
2	Stockman / compounder	2	1	1														
6.4	Wildlife veterinary medical education and training 1. Does the zoo have linkages with the eminent institutions and organizations working in the field of wild animal healthcare with the objectives to provide for : a) Assistance in scientific diagnosis of diseases of serious nature and advice on the effective remedial treatment. b) Training and upgrading technical skills of animal health staff. c) Development of protocols for preventive medicines and vaccination	Not yet	No															
	2. Whether the veterinary officer has requisite training/education in wildlife medicine/health ?	Not yet	No															
	3. Whether the zoo has any training programme/residency for skill development for the zoo veterinary medical officer in wildlife medicine in a large foreign zoo ?	Not yet	No															

7. Post-mortem and disposal of carcasses of animals			
7.1	Post mortem facilities	Proposed upon approval of Master Plan	No
	1. Does the zoo; unless it is mini zoo have a modern post mortem room, equipped with sufficient light and post mortem equipment?		
	2. Whether the zoo veterinarian has specialized knowledge and skills in wildlife pathology?	Yes, acquired by experience	No
	3. Is there availability of pathology support from nearest veterinary institution to provide specialized capabilities and consultation particularly for post mortem of an endangered species requiring definitive diagnosis and collection of samples in a scientific way and as per protocols required by reference laboratories / veterinary institute?	Yes. Disease investigation Unit, Dept. of Veterinary Services and ICAR Goa	Yes
	4. Does every animal dying in the zoo is being subjected to a detailed post mortem examination by registered veterinarian to determine conclusively the cause of the death?	Yes	Yes
7.2	Are the findings of the post-mortem examination referred to in sub-paragraph (1) recorded in such format as have been prescribed by Central Zoo Authority in this regard and is it maintained for a period of not less than six years?	Yes	Yes
7.3	1. In the event of the post mortem being inconclusive and no specific reason for death is identified, do the zoo authorities send the samples of the tissues and organs, blood, viscera etc. for further examination to the qualified diagnostic laboratory having adequate specialization for further investigation and identifying the cause of death?	Yes	Yes
	2. Whether the post mortem report is corroborated with other diagnostic findings in consultation with specialized reference laboratories / veterinary institutions?	Not yet done	No
7.4	Does the zoo ensure that the carcasses of the animals, after the post-mortem has been conducted, is disposed off by burying or burning in a manner that does not have any adverse impact on the hygiene and cleanliness of the zoo ?	Yes as per CZA and ministry guidelines	Yes
	a) Are the carcasses of large cats disposed off by burning in the presence of Director of the zoo or any officer in the next rank to him and authorized by him in this behalf?	Yes	Yes
	b) Are the carcasses of animals which died due to Anthrax or such other communicable diseases not opened and subjected to post-mortem, as a safeguard against spread of the disease and they are buried intact?	No such cases detected in past.	NA
8. Euthanasia			
8.1	No animal in the zoo shall be euthanized unless doing so is essential for relieving from suffering from incurable disease /condition as per the norms of CZA.	Such an eventuality has not arisen.	NA
9. Acquisition and breeding of animals			
9.1	Are animals of various species kept and maintained in social viable groups and with such a sex ratio that optimizes breeding and helps in developing a self-sustaining population of each species?	Yes. The population of Sambar, Blackbuck and Wildboar is however in excess at present.	Yes
9.2	(a) Has the zoo acquired animals based on scientific assessment of its lineage and genetic relatedness to Safeguard against ill effects of inbreeding on the zoo population, through exchange, loaning and getting gifts of animals from other zoos?	Yes, exchange of Gaur, Sloth Bear and receipt of Tiger, Black Buck, Hippopotamus and Bear from other zoos.	Yes
	(b) If there is any deviation, details thereof.		
9.3	(a) Has the zoo acquired single animals or genetically non-viable number of animals unless such acquisition is necessary for pairing of single animals or making the group genetically/ biologically viable?	No	No
	(b) Please indicate such cases.		
9.4	(a) Has the zoo tried to acquire mates for single and unpaired animals on priority basis and in the event of any zoo failing to find a mate for single and unpaired animal within a period of six months, the unpaired or single animal have been transferred or exchanged or given on breeding loan to any other zoo in accordance with the norms specified by the Central Zoo Authority in this regard?	Attempts are made to obtain mate for Hippopotamus from Mysore Zoo.	Tiger, Elephant, Hippopotamus, Keel back Checkered Snake, Trinket Snake, Peafowl and Lady Amherst Pheasant
	(b) Please indicate unpaired species, its sex and for the period it has been kept unpaired.	1 elephant -2010 1 hippo - 2016	
9.5	Has the zoo transported animals from one place to another and if so CZA transportation protocols were followed? For the purpose of transportation of animals from one place to another, are the standards specified in this regard by the CZA complied with.	Yes	Yes
9.6	a. Has the Central Zoo Authority assigned any endangered species for Conservation Breeding Programme to the zoo, if so please indicate?	No	Yes, for Gaur
	b. If a scientific conservation breeding plan species recovery plans for the species have	Yes, for Gaur	No

	been prepared or not? If the plan is being followed by the zoo?		
	c. Is the Conservation Breeding Facility situated in off display area of the zoo?	Not yet.	No
	d. Has the founder population of the species bred in zoo, indicate numbers bred in the zoo?	Yes No. of Zoo born Gaur: 08 Leopards: 02 Sloth Bear:02	No
	e. Have the animals been conditioned for reintroduction in the wild?	No such attempt made	No
	f. Has there been sufficient technical inputs from the species experts? Please elaborate the responsibility of conservation breeding of the identified critically endangered species to identified zoos having technical capabilities and housing facilities, preferably close to the distribution range of the species and every zoo shall help the identified zoos in implementing the breeding programme. Please indicate specific cases for the zoo.	Not yet attempted here.	No
9.7	Has the zoo spared surplus animals from the breeding population to the participating zoos for display purposes on the basis of quality of housing and infrastructural facilities available with the concerned zoos?	Yes, Gaur has been given to Vishakhapatnam Zoo, Sloth Bear cubs to Mysore Zoo	Yes
9.8	With a view to prevent inbreeding and the loss of heterozygosity is the zoo maintaining the animal history cards & stud and herd book for the animals of endangered species housed in the zoo and putting appropriate identification marks for transfer or exchange animals with other zoos?	Yes Stud book information for Gaur is furnished to WII, Dehradun.	Yes
9.9	a. Is the zoo limiting the number of animals of each species within the limits set by the animal collection plan of the zoo by implementing appropriate population control measures like segregation of sexes, vasectomy, tubectomy and implantation of pellets etc., with due consideration of the health and welfare of the animals and interest of their long term survival? Please indicate species wise numbers over the last three years.	There is an excess population of Sambars, Blackbuck and Wild boars at present.	No
	b. What methods of population control were employed and comparative success?	Not yet deployed	None
9.10	Has the zoo implemented disaster management plan, training and mock drills to prevent accidents in zoo in accordance with master plan?	Yes	Yes
	Indicate action taken for safeguard against any accident/ escape of the zoo animals from the premises of the zoo and in the event of any accidental escape, immediate action was taken to retrieve the escaped animals?	CCTV coverage given to all enclosures.	Yes
9.11	Has the zoo released any surplus captive animal into the wild except in accordance with the norms specified by the Central Zoo Authority in this regard? Annex details	Not yet	No
9.12	Is the hybridization of species or races of same species taking place in the zoo? Which species?	No	No
10. Research Activities			
10.1	a. Has the zoo implemented a research plan as indicated in the Master Plan and conducted research on the prioritized species and specific areas of concern?	No	No
	b. Has the zoo accessed grants form CZA or other institutions/agencies for the Research Project. Indicate details and outcomes?	No	No
	c. Is the zoo carrying out collaborative research for evolving innovative strategies for providing the animals housed in the zoo a better quality of life, enhanced longevity, higher genetic and behavioural viability and improved reproduction potential and to achieve the said goal.(Every zoo, other than mini zoos, shall make arrangements for meticulous recording of data on the social behaviour, group dynamics and reproductive biology of the species housed in the zoo and developing a data base to be shared with other zoos and the identified institutions, in accordance with norms specified by the Central Zoo Authority in this regard)	Not yet.	No
	d. Research paper/ technical reports published. Details of its implementation.	-	
11. Education and Outreach Activities			
11.1	a. Has the zoo made efforts to educate the visitors to the zoo and the people at large about the significance of wildlife conservation for the general well-being of the people and keeping the life support system of nature intact and to make people aware about the role played by the zoos in this regard and the ways and means through which general public can participate and contribute for the same?	Yes, awareness camps being held for students, local self-help groups and specially able students.	Yes
	b. Whether the zoo has appropriate signages and interpretation facilities, Souvenir Shop, Library Facility accessible, dedicated Website and carrying out the Outreach and awareness, Guided Tour, celebrations of various events	Yes, signages and library exists other aspects to be considered.	Yes
11.2	Is physical handling or performances by animals permitted as part of educational activity?	No	No
12. Visitor Facilities			
12.1	Is the zoo providing adequate civic facilities for visitors at appropriate and convenient places in the zoo including physically disadvantaged persons and such facilities are so located that they do not mask or impact the view of enclosures?	Yes	
	a. Drinking Water	Yes	Yes

	b. Urinals	Yes	Yes
	c. Ramps	Yes	Yes
	d. Wheel chairs	Yes	Yes
	e. Battery Operated vehicles	No	No
	f. Lawns	Yes	Yes
	g. Visitor shed	Yes	Yes
	h. Kiosks	No	No
	i. rain shelters	Yes	Yes
	j. cloak rooms for the visitors	No	No
	k. zoo visitor guides	No	No
	l. Public Announcement systems, fire alarm during emergency.	No	No
12.2	Does the zoo have first aid facilities including snake anti-venom and life saving drugs, readily available in the zoo premises?	Yes	Yes
12.3	Is the zoo making arrangements for providing access to the physically challenged persons for viewing wild animals at various animal enclosures?	Yes	Not in all enclosures and at the civic facilities.

PART-IV
RECOMMENDATION
(On the basis of observations of the status as per Recognition of Zoo Rules, 2009)

Sr. No	Norm No.	Particulars of suggestions/recommendation	Time Period to Comply
1. General requirements			
1	10.1(4)	As the zoo exists within the wildlife sanctuary and surrounded by deep forest, there is no need of having a pucca wall as perimeter barrier. However, 7-8 ft. high chain-link fencing may be erected as perimeter barrier all around 39 hectares of zoo area. 500 metres chain link fence is completed. Balance pending for financial constraints	One year
2	10.1(2)	The giant squirrel enclosure should be enlarged.	Immediately
3	10.1(7)	The Zoo should provide a proper waste disposal system 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.	Immediately
2. Administrative and Staffing Pattern			
4	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. It is a small zoo. There should be one Curator and one Biologist. The Officer-in-charge of the zoo and the Curator are two separate posts.	One year
3. Development and Planning			
5	10.3(1)	The zoo should prepare and get the Master Plan approved by the CZA.	Immediately
6	10.3(3)	The pucca 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 been affected due to such animal enclosures/structures.	Immediately
7	10.3(3)	The Spotted Deer enclosure should be made proper as per the CZA norms.	
8	10.3(6)	A collection plan of animals to be housed and displayed in the zoo should be prepared. The plan should be prepared keeping in view due regard to the availability of land, water, electricity and climatic condition of the area.	Immediately
9	10.3(6)(d)	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(1&2)	The Zoo is situated within the Bondla Forests and has thick vegetation which acts as the nature immersing environment for the animals and the enclosures are large. The paddock areas are mostly desolate and rocky generally devoid of ground vegetation with sparse trees. Massive enrichment measures are required. The enclosures of wild boars, bison, tiger, leopard, sloth bear, black buck and Sambar needs to be improved.	One year
11	10.4(2)	The enclosures for snakes shall be designed as to meet the biological requirements of the animals. The nocturnal species enclosures (porcupine and civets) shall be provided with darkened shade for animal's privacy.	One year
12	10.4(3)	The safety features both for visitors and animal keepers have to be upgraded as the night shelters are close to the visitor path and there is no proper animal keepers gallery in most of the enclosure. The Zoo requires a complete overhaul for the safety and security of the animals, animal keeper's and visitor's. There is ample space for the movement of animals except in few enclosures with surplus animals like Wild boar, Bison and leopard.	One year
13	10.4(6)	Snakes, Civets & Crocodile enclosures requires massive enrichment and structural modification including filling with sand for basking.	One year
14	10.4(6)	a) The Zoo enclosures require drastic modification and improvement to enrich the paddock area and night shelters in order to comply with the standard of CZA. b) Wild boar, Tiger, Bison, snakes and crocodile enclosures need to be improved with species specific enrichment in the paddock area and structural modification in night shelters.	One year
15	10.4(8)	The zoo has constructed, without prior approval of the Central Zoo Authority, new cells for reptiles which are not as per specifications prescribed by the CZA.	One year
16	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
17	10.4(9)	The zoo should plant hedge between the standoff barrier and the paddock wall.	One year
18	10.4(10)	Every enclosure the zoo should bear a sign board in local language as well as in English displaying scientific information about biology and behavior etc of the animals exhibited in it.	One year
5. Upkeep and healthcare of animal			
19	10.5(1)(g)	The zoo should has provision of secondary holding areas for safe movement of animals from primary enclosures for cleaning/ feeding/ medical procedures.	One year
20	10.5(3)	The meat house should be made and it should be fly proof.	Immediately
21	10.5(3)	Zoo should install a freezer of adequate capacity for storage of meat products.	Immediately
22	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
23	10.5(4)	All herbivore enclosures should have a provision of a small enclosure cum shelter where feed is to be provided to the animals.	One year
24	10.5(4)	The Zoo should provide secondary holding areas for safe movement of carnivores from primary enclosures for cleaning / feeding / medical procedures etc.	One year
25	10.5(2)(3)	The zoo should have has a sufficient size functioning freezer for storage of meat and to keep cold until it is fed.	Immediately
6. Veterinary and Infrastructure Facilities			
26	10.6(3)	Zoo should have a post-mortem room for conducting post mortem as per the CZA Guidelines.	Immediately

27	10.6(5)	The Zoo should have one qualified lab assistant/ compounder to assist the veterinarian in healthcare of the Zoo animals.	Immediately
28	10.6(6)	Zoo should have a formal MoU on health care with the nearest veterinary institution and the MoU should contain names and contact details of person who will assist the Zoo in all aspects in health care management.	Immediately
9. Acquisition and breeding of animals			
29	10.9(9)	To safeguard against uncontrolled growth in the population of wild boar, chowsingha and sambar the zoo should implement appropriate population control measures.	Immediately
30	10.9(4)	The zoo should acquire mates for single animals (Tiger, Elephant, Hippopotamus, Keel back Checkered Snake, Trinket Snake, Peafowl and Lady Amherst Pheasant etc.) on priority basis.	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
11. Education and Outreach Activities			
32	10.11	The zoo should have appropriate signages and education and outreach activities for conservation education of the visitors of the zoo.	One year
12. Visitor Facilities			
33	10.12(1) and	The zoo should provide adequate civic facilities for visitors at appropriate and convenient places within the zoo including the physically disadvantaged persons.	Immediately
34	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

(Name and signature of evaluating officer/s)

जहाँ है हरियाली।
वहाँ है खुशहाली।।



GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

Central Zoo Authority

Registered Post



THROUGH REGISTERED POST

F. No. 19-28/92-CZA(78)(Vol. IV)(M) / 4361

DATE: 19.02.2014

To

The Director
Bondla Zoo,
Usgao, PO: Ponda
Panaji – 433 001 (Goa).

Sub:- Grant of renewal of recognition to the Bondla Zoo, Goa under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 31.08.2013.

Sir,

Reference is invited to your application received on 03.06.2013 seeking renewal of recognition to the Bondla Zoo, Goa under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 31.08.2013.

The evaluation of the Bondla Zoo, Bondla, Goa was carried out on 14.11.2013 by Sh. P. C. Tyagi. The evaluation report submitted by the evaluating officer, which was not very encouraging was considered by the Technical Committee in its 68th Meeting held on 11th February, 2014

The Central Zoo Authority has decided to grant of renewal of recognition to Bondla Zoo, Bondla as a Small category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 28th February, 2017 subject to the compliance of the following directives under the Recognition of Zoo (Amendment) Rules, 2013 and mid-term evaluation of the Zoo:-

S. No.	Relevant Schedule No.	Conditions	Time Period to comply the conditions
1. General			
1.	1.4	The zoo exists within the wildlife sanctuary and surrounded by deep forest, there is no need of having a pucca wall as perimeter barrier. However, 7-8 ft. high chain-link fencing should be erected as perimeter barrier all around zoo area. The zoo boundary is partially fenced by concrete wall 1.25 kms. in length and the balance 2.8 kms. is yet to be chain-link fences.	Within six months

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Handwritten signature and date: 19/2/14

2	1.7	<p>a. The arrangements for managing solid and liquid waste do not exist. No disposal yard exists, however outside the zoo the waste is now disposed in pits.</p> <p>b. The existing system is not adequate.</p> <p>c. Storm water drains have been formed partially. Water pipelines require repairs.</p>	Within six months
2. Administrative and Staffing Pattern			
3.	2.2	<p>a) Zoo does not have a regular veterinarian visiting the zoo every day to check the upkeep and health of animals in the zoo. Veterinarian visits the zoo on request from animal husbandry department.</p> <p>b) A full time veterinary compounder is available, however a veterinary doctor who visits daily is required.</p>	With Immediate effect
3. Development and Planning			
4.	3.1	The master plan including layout plan submitted by zoo has not been approved by the Central Zoo Authority. The CZA has raised queries requesting for modification of layout and master plan which has not been replied yet.	Within three months
5.	3.5	The Zoo shall keep in collection only such numbers and species for which appropriate housing facility exists. The zoo operator shall be responsible for ensuring that the number of animals of any species does not go beyond the carrying capacity of the enclosures available in the zoo and housing standards are not compromised for keeping the excessive numbers. The zoo is housing some animals such beyond the carrying capacity viz. Wild boar – 15:10=25 and Leopard 3:2=5. Excess surplus animals may be send to other zoos in need of these animals.	Within six months
4. Animal housing, display of animals and animal enclosures			
6.	4.1 and 4.2	The zoo is situated within the Bondla Forests and has thick vegetation which acts as the nature immersing environment for the animals and the enclosures are large. The paddock areas are mostly desolate and rocky generally devoid of ground vegetation with sparse trees. Massive enrichment measures are required The enclosures of wild boars, bison, tiger, leopard, sloth bear, black buck and Sambar needs to be improved.	Within Six months
7.	4.3	The safety features both for visitors and animal keepers have to be upgraded as the night shelters are close to the visitor path and there is no proper animal keepers gallery in most of the enclosure. The zoo requires a complete overhaul for the safety and security of the animals, animal keeper's and visitor's There is ample space for the movement of animals except in few enclosures with	Within One year

		surplus animals like Wild boar, Bison and leopard.	
8.	4.5	Snakes, Civets & Crocodile enclosures requires massive enrichment and structural modification including filling with sand for basking.	Within Six months
9.	4.6	a) The zoo enclosure require drastic modification and improvement to enrich the paddock area and night shelters in order to comply with the standard of CZA b) Wild boar, Tiger, Bison, snakes and crocodile enclosures need to be improved with species specific enrichment in the paddock area and structural modification in night shelters.	With Immediate effect
10.	4.7	Adequate screening between enclosures is generally provided except between wild boar and Tiger enclosure where proper vegetation screening is necessary	With Immediate effect
11.	4.9	a) Standoff barriers exist in all enclosures except king cobra to prevent visitors coming close to the animals. b) Sign boards are provided to warn visitors however few additional warning boards specially near night shelters is required.	With Immediate effect
12.	4.10	Sign boards are provided, however additional information boards on ecology and biology of species and directional signage is required.	Within Two Months
5. Upkeep and healthcare of animals			
13.	5.1 (d)	Grills and floor of feeding cells, night shelters and chain link fence of outdoor enclosures are not being disinfected on routine basis	With Immediate effect
14.	5.1 (g)	The zoo should provide secondary holding areas for safe movement of carnivores from primary enclosures for cleaning/ feeding/ medical procedures?	Within One Year
15.	5.1 (h)	Provision of footbath of adequate size with proper disinfectant at entry and exit points of animal house is not provided	With Immediate effect
16.	5.2 (3)	The Store house for food is inadequate and storage conditions need improvement	Within One Year
17.	5.2 (6)	Random food and water samples should be tested periodically for microbiological, toxicological and any other contaminants at recognized laboratory	With Immediate effect
18.	5.2.2 (1)	The feed store and meat house is in close proximity and should be separated and fly proof and pest free devices fitted	Within Six Months
19.	5.2.2(3)	Zoo should install a freezer of adequate capacity for storage of meat products	Within Six Months
20.	5.2.2(4 & 5)	Meat handling by staff should be done by wearing clean and disinfected boots and overalls and gloves should be used for handling meat	Within Three Months

21.	5.3 (6)	The zoo Operator shall arrange for medical checkup of the staff responsible for upkeep of animal at least once in every year to ensure that they do not have infections of such disease that effect of Zoo animals.	With Immediate effect
22.	5.3 (8)	Zoo should have a formal network through MoU on health care with the nearest veterinary institution and the MoU should contain names and contact details of person who will assist the zoo in all aspects in health care management	Within Three Months
6. Veterinary and infrastructure facilities			
23.	6.1 (a, b, c, d & e)	The Zoo shall improve the basic diagnostic facilities and the veterinary unit should have isolation and quarantine wards to take care of newly arriving animals and sick animals as to minimize the chances of infection spreading to other animals in the zoo. The zoo should store comprehensive range of drugs and have operation theatre with all equipment and in patient ward. There should be a separate room for equipment cleaning and sterilization. The zoo should have basic hospital and monitoring equipment as mentioned in 6.1 (e).	Within One Year
7. Post-mortem and disposal of carcasses of animals			
24.	7.1 (1)	Zoo does not have a post-mortem room for conducting post mortem as per CZA Guidelines	Within Six Months
9. Acquisition and breeding of animals			
25.	9.6	As the zoo been identified as a participating zoo for conservation breeding of Gaur, the Gaur enclosure also needs expansion and may be even creation of another enclosure on the backside of the existing enclosure.	Within One Year
11. Education and outreach activities			
26.	11.1(b)	The zoo should have appropriate signages and interpretation facilities, Souvenir Shop, Library Facility accessible, dedicated Website and carrying out the Outreach and awareness, Guided Tour, and Celebrations of various events	With Immediate effect
12. Visitor's facilities			
27.	12.1	The zoo should improve civic facilities for visitors and physically disadvantage persons. The following facilities requires to be provided: zoo visitor guide, cloak rooms and public announcements systems and fire warning system	Within Six Months
28.	12.2	Zoo should procure and stock first aid facilities including snake anti-venom and life saving drugs, for emergency in the zoo premises	With Immediate effect
29.		The Zoo Operator should submit the annual report of the activities of the zoo in respect of each financial year to the Central Zoo Authority.	

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

Grant of recognition to Bondla Zoo, Bondla, Goa beyond 28th February 2017 would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Bondla Zoo, Bondla, Goa 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,



(B. S. Bonal)
Member Secretary

Copy for favour of information and necessary action to:

1. The Chief Wildlife Warden, Government of Goa, Panaji.
2. Sh. Vivek Goel, DPA, CZA.



(B. S. Bonal)
Member Secretary



केन्द्राय चिड़ियाघर प्राधिकरण

Central Zoo Authority

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

Bikaner House, Annexe VI,
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website : <http://www.cza.nic.in>

BY REGISTERED POST

F. No. 19-28/92-CZA(78)(Vol.IV)(M)

DATE: 13.8.2008

To

The Deputy Conservator of Forests,
Government of Goa,
Wildlife & Ecotourism Division,
Panaji (Goa)

Sub:- Grant of renewal of recognition to Bondla Zoo, Goa beyond the period of 31.08.2008 under Section 38H of the Wild Life (Protection) Act, 1972 - Regarding.

Sir,

Reference is invited to your letter No. 1-238-CZA-(03)-WL&ET-08/771 dated 4.7.2008 seeking grant of renewal of recognition to the Bondla Zoo, Bondla, Goa beyond the period of 31.08.2008 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation report of the Bondla Zoo, Bondla, Goa was carried out by Dr. B. R. Sharma, Member Secretary, CZA on 17.5.2008. The report submitted by the evaluating officer was considered by the Technical Committee in its 48th Meeting held on 23rd July, 2008.

The Central Zoo Authority has decided to grant of recognition to Bondla Zoo, Goa as a small category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 31.08.2013 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.	1.	The primary objective of the zoo shall be the conservation of wildlife and zoo should not allow any activity that is not consistent with the well being of the wild animals.	With immediate effect

De
28/8/08

2.	2.	The zoo should not acquire any animals in violation of the Act or Rules made there under.	With immediate effect
3.	8	As the zoo is exist within the wildlife sanctuary and surrounded by deep forest, there is no need of having a pucca wall as perimeter barrier. However, 7-8 ft. high chain-link fencing may be erected as perimeter barrier all around 39 hectares of zoo area.	One year
4.	11A	(i) The zoo has not prepared collection plan for animal to be housed and displayed in the zoo keeping due regard to the availability of land, water, electricity and climatic condition of the area. The animal collection plan should be prepared on the basis of the approved concept plan from the Central Zoo Authority. (ii) The animal collection plan of animal should include following species for their exhibition Tiger, Leopard, Jungle cat, Wild dog, Jackal, Pal, civet, Bonnet monkey, Common langur, Bison, Spotted deer, Sambar, Hog deer, Mouse deer, Barking deer, Chowsingha, Wild boar, Marsh crocodile, Python and different Snakes.	Three months
Administrative & Staffing Pattern			
5.	13	The zoo should have an official with master degree in wildlife science/ zoology as a full time Curator solely responsible for looking after the upkeep of animals and maintenance of animal enclosures.	One year
Animal enclosures – Design, Dimensions and other Essential Features			
6.	15	The Zoo Operator shall provide more warning signs for keeping the visitors' at the safe distance from the animals. The King cobra enclosure at the zoo should also be provided with appropriate stand off barriers for the safety of visitors and animal housed in the enclosure.	Six months
7.	16	(i) The Lion enclosures needs renovation and expansion, the same should be carried out with the prior approval of the Central Zoo Authority. (ii) The zoo should create open air enclosures for Common langur and Bonnet monkeys. (iii) The night cells of the Leopard enclosure needs to be made out of bound for the visitors by re-aligning the footpath along the Leopard enclosure.	One year One year One year
8.	16A	The existing herbivore enclosure has been divided into 3-4 sections for housings Sambars, Spotted deer, Blackbucks etc. It will be worthwhile to remove the partitions and use the enclosure only	Six months

		for housing any one of the herbivore species. For other herbivore species, new enclosures may be created on the outer ring of the zoo.	
9.	17	Crocodile enclosure should be provided with sand for basking and egg laying etc.	With immediate effect
10.	20	Designing of any new enclosure for endangered species should be finalized with the prior approval of the Central Zoo Authority.	With immediate effect
Hygiene, Feeding and Upkeep			
11.	22	The Zoo Operator shall provide proper waste disposal system for both the solid and liquid wastes generated in the zoo.	Immediately
Animal Care, Health and Treatment			
12.	26	The animals housed at the zoo should be handled by the staff having experience and training in handling the individual animals. Every care should be taken to avoid discomfort, behavioural stress of physical harm to any animal.	With immediate effect
13.	29	The Zoo Operator shall arrange for medical checkup of the staff responsible for upkeep of animal atleast once in every six months to ensure that they do not have infections of such disease that effect of Zoo animals.	With immediate effect
14.	30	The zoo should maintain animal history sheet and treatment card of each animal of endangered species.	With immediate effect
Veterinary Facilities			
15.	31	The Zoo shall improve the basic diagnostic facilities and the veterinary unit should have isolation and quarantine wards to take care of newly arriving animals and sick animals as to minimize the chances of infection spreading to other animals in the zoo.	Six months
16.	34	Post-mortem room is also need to be provided a little away from the veterinary hospital. It will be worthwhile to arrange an open burning ghat for disposal of carcasses of dead animals in the zoo.	Six months
Breeding of animals			
17.	36	The Zoo shall keep in collection only such numbers and species for which appropriate housing facility exits. The Zoo Operator shall be responsible for ensuring that the number of animals of any species does not go beyond the carrying capacity of the enclosures available in the Zoo and housing standards are not compromised for keeping the excessive numbers.	With immediate effect

18.	37	Single animals like Chowsingha, Sloth bear etc. should be provided mates on priority basis.	Six months
19.	39	As the zoo has been identified as a participating zoo for conservation breeding of Goar, the Goar enclosure also needs expansion and may be even creation of another enclosure on the backside of the existing enclosure.	Six months
20.	40	The number of wild boars in the enclosure is very high. Steps are needed to be taken for control of breeding, may be by segregation of sexes.	With immediate effect
Maintenance of Records and submission of Inventory to the Central Zoo Authority			
21.	42	The Zoo shall keep the record of the birth, acquisitions, sales, disposals & deaths of all animals. The inventory of the animals housed in the Zoo as on 31 st March of every year should be to the Central zoo Authority by 30 th April of the same year.	Immediately
22.	43	The Zoo should submit the summary of death of animals in the Zoo for every financial year, along with reason for death identified on the basis of post-mortem reports and other diagnostic tests by 30 th April of the following year to the Central Zoo Authority. In case of death of critically endangered species a report alongwith the details specified above should be submitted to the Central zoo Authority within 24 hours.	Immediately
23.	44	The Zoo Operator should submit the annual report of the activities of the zoo in respect of each financial year to the Central Zoo Authority.	With immediate effect
Education and Research			
24.	45	he condition of signages including direction signages is not satisfactory. The zoo authorities need immediate attention towards providing appropriate signages in the zoo.	With immediate effect
25.	46	The zoo should publish leaflets, brochures, guide books and make same available to the visitors.	Six months
Visitors Facilities			
26.	48	The Zoo Operator should provide adequate civic facilities like toilets, visitors shed and drinking water points at convenient places in the zoo for the visitors.	Six months
27.	49	The zoo should have first aid equipments including anti-venom readily available in the premises of the zoo.	With immediate effect

28.	50	The Zoo Operator should provide access to the zoo to physically challenged visitors including those in the wheel chair.	With immediate effect
Development and Planning			
29.	51	The Zoo should prepare a long-term Master plan for its development in the format circulated by the Central Zoo Authority during the year 2005 and the same is being published in the CZA's publication "Zoos in India-Legislation, Policy, Guidelines and Strategy". The copies of the said plan should be submitted to the Central Zoo Authority for its approval.	By 31 st March, 2009


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 the period of 31.08.2013 to Bondla Zoo, Goa as a 'small 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 Bondla Zoo, Goa 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 faithfully,
sd/-
(B. R. Sharma)
Member Secretary

Copy to the Chief Conservator of Forests, Panaji, Goa for favour of information & necessary action.



(B. R. Sharma)
Member Secretary



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

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

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BY REGISTERED POST

F. No. 19-28/92-CZA(78)(Vol.II)(M)

DATE: 22.8.2006

To

The Director
Wildlife & Ecotourism, Forest Department,
Government of Goa,
Junta House,
Panaji, Goa

Sub:- Grant of renewal of recognition to Bondla Zoo at Panaji-Goa under Section 38 H of the Wild Life (Protection) Act, 1972 - Regarding

Sir,

Kindly refer to your letter No. 1-238-92/WLD/179 dated 5.5.2000, seeking renewal of recognition for Bondla Zoo at Panaji-Goa beyond 31.5.2000 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Bondla Zoo at Panaji-Goa was carried out on 18-19.5.2006 by Shri M. Kamal Naidu, (Retd.), Principal Chief Conservator of Forests, Government of Andhra Pradesh and Dr. C. S. Jayakumar, Veterinary Officer, Thiruvananthapuram. The evaluation report was placed before the Technical Committee Meeting held on 21.7.2006 and the Committee has approved granting recognition to the Bondla Zoo at Panaji-Goa as a '**small category zoo**', subject to fulfillment of the following conditions within a time period upto 31.8.2008:-

The conditions to be complied by 31.8.2008 have been reproduced below:-

A. A master plan (including a layout plan) for development of the Thiruvananthapuram Zoo, Thiruvananthapuram shall be prepared and submitted to the Central Zoo Authority by 28th February, 2007 in the format circulated vide letter no. 27-1/2005-CZA(M), dated 03.02.2006. A management plan giving detailed proposals and activities to be taken up during next five years should also be submitted.

...2/-



B. Other conditions under Recognition of Zoo Rules, 1992

S. No.	Relevant Norm No.	Conditions
GENERAL		
1.	5	The elephant should not be kept tethered in the night unless doing so is essential for its own well being.
2.	8	The Zoo should be encompassed by a perimeter wall atleast 2 meters high from the ground level.
3.	11A	A collection plan of animals to be housed and displayed in the zoo should be prepared. The plan should be prepared keeping in view due regard to the availability of land, water, electricity and climatic condition of the area.
Administrative and Staffing Pattern		
4.	12	The Zoo shall have a full time Officer-in-charge of the Zoo and the Zoo Officer shall be delegated adequate administrative and financial powers to purchase feed and medicine and carryout emergency repair of animal enclosures, as may be necessary for proper upkeep and care of the Zoo animals.
5.	13	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.
6.	14	The Zoo shall have one full time veterinarian registered with the State Veterinary Council/ Veterinary Council of India for daily checkup of the health of the animals.
Animal Enclosure – Design, Dimensions and Other Essential Features		
7.	15	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.
8.	16	The enclosures for snakes shall be designed as to meet the biological requirements of the animals. The nocturnal species enclosures (porcupine and civets) shall be provided with darkened shade for animal's privacy.
9.	18	The herbivore enclosure should have a provision of a small enclosure cum shelter where the feed to the animals can be provided.
10.	20	Designing of new enclosures for endangered species shall be finalized with approval of the Central Zoo Authority.
Hygiene, Feeding and Upkeep		
11.	22	The Zoo should provide a proper waste disposal system for treating both the solid and liquid wastes generated in the Zoo.

Animal Care, Health and Treatment		
12.	28	A schedule for routine examination including parasite checks of the animals should be prepared and implemented. Preventive medicine including vaccination should be administered at such intervals as decided by the visiting veterinary officer.
Veterinary facilities		
13.	31	The veterinary unit should have isolation and quarantine wards to take care of newly arriving and sick animals as to minimize the chances of infections spreading to other animals of the Zoo.
14.	31A	The Zoo should have one qualified lab assistant/ compounder for assisting the veterinarian in healthcare of the Zoo animals.
15.	32	The Zoo should have facilities for restraining and handling wild animals.
16.	35	The Zoo should have a proper facility for disposal off carcasses without affecting the hygiene of the zoo. The burial area should be clearly demarcated and fenced to prevent access by the burning. It should be located still further away from present area to eliminate any contact.
Breeding of animals		
17.	36	The zoo should keep in its collection only such number of animals (Wild boar) for which 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 housing standards are not compromised for keeping the excessive numbers.
18.	37	The Zoo should find mates for a single Sloth bear exhibited in the Zoo within a period of one year failure to which the animal shall be shifted to other needy Zoos by the Central Zoo Authority.
19.	39	The Zoo Operator shall exchange male Gaurs to the other zoos (Mysore Zoo) to infuse fresh blood.
Maintenance of Records and Submission of inventory to the Central Zoo Authority		
19.	40	To safeguard against uncontrolled growth in the population of wild boar the zoo shall implement appropriate population control measures.
20.	42	The Zoo should keep a record of birth, acquisitions, disposals of all animals and the summary of the same should be submitted to the Central Zoo Authority every year by 30 th April.

21.	43	A brief summary of the death of animals in the zoo for every financial year, along with the reasons of death identified on the basis of the postmortem report and diagnostic tests should be submitted to the Central Zoo Authority.
22.	44	The Zoo should submit an annual report (in national language) of the activities of the Zoo in respect of each financial year to the Central Zoo Authority.
Education and Research		
23.	45	Every enclosure in the zoo should bear a sign board in local language as well as in English displaying scientific information regarding the animals exhibited in it.
Visitor facilities		
24.	49	The first aid equipments including antivenin shall be readily available in the premises of the zoo.
25.	50	Appropriate arrangements should be made to provide access to the Zoo to physically challenge visitors including those in the wheel chair.

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

Grant of recognition to Bondla Zoo at Panaji, Goa beyond 31.8.2008 would be considered on the basis of compliance of the conditions stated above and general performance of the zoo at that point of time.

The recognition to the Bondla Zoo at Panaji, Goa 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 faithfully,
sd/-
(B. R. Sharma)
Member Secretary

Copy to :-

1. The Chief Wildlife Warden, Government of Goa, Panaji for favour of information.
2. The Deputy Conservator of Forests, Wildlife & Eco-division, Panaji-Goa – with reference to your letter No. 1-510-CF-WL&ET/1127 dated 9.8.2006.

(B. R. Sharma)
Member Secretary