

Computer No. 136624
Government of India
Ministry of Environment, Forest and Climate Change
CENTRAL ZOO AUTHORITY

B-1 Wing, 6th Floor,
Pandit Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road, New Delhi – 110 003,
Telephone: +91-11-24367846/51/52, E-mail: cza@nic.in
Dated **04/01/2021**

To
The Chief Wildlife Warden,
Department of Environment, Forests, Science & Technology,
Aranya Bhavan, Saifabad,
Hyderabad – 500 004, Telangana,
E-mail: cwlwts@gmail.com , prlccf_wl_tsfd@telangana.gov.in

Subject: Renewal of recognition of the Nehru Zoological Park, Hyderabad, Telangana, under Section 38-H of the Wild Life (Protection) Act, 1972 – regarding

Reference:

1. This Office Memorandum F.No.7-10/2020-CZA(PART-I) dated 25th August 2020
2. This Office letter F.No.21-2/2019-CZA(AK)/2072/2020 dated 10th January 2020
3. This Office letter F.No.19-40/92-CZA(11)(Vol-VII)(BKG)/2933/2018 dated 16th April 2018

Sir,

With reference to above, the undersigned is directed to inform that recognition of the Nehru Zoological Park, Hyderabad under Section 38-H of the Wild Life (Protection) Act, 1972, was valid till 22nd March 2020. Shri B.J. Hosmath, IFS (Retired), evaluating officer/s deputed by this office has evaluated the zoo from 7th to 15th February 2020. Copy of the Evaluation Report is enclosed herewith for your perusal and needful action.

2. Evaluation Report of the Nehru Zoological Park, Hyderabad was placed before the Technical Committee in its 96th Meeting held on 30th July, 2020. The Technical Committee, after detailed deliberation, made its recommendation to the Central Zoo Authority.

3. This office issued Office Memorandum F.No.7-10/2020-CZA(PART-I) dated 25th August, 2020 regarding renewal of recognition of the zoo. Subsequently, the Central Zoo Authority, in its 37th Meeting held on 7th December, 2020, in exercise of powers conferred under sub-section (1), (3) and (4) of Section 38-H under the Wild Life (Protection) Act, 1972, approved recommendation of the Technical Committee.

4. The Central Zoo Authority has regularised the period after 22nd March 2020 and renewed recognition of the Nehru Zoological Park, Hyderabad as a Large Zoo for a period up to **19th August, 2023** subject to compliance with following conditions as per the Recognition of Zoo Rules, 2009 (RZR) and mid-term evaluation of the zoo.

Sl.	Norm No. under RZR	Condition	Time period to comply
1. General requirements:			
1	10.1(3)	The movement of visitors in the zoo has not been regulated in such a manner that zoo animals are not unduly disturbed. Although efforts are being made by the Zoo in case of some of the enclosures, but visitors' circulation around all enclosures should be restricted to 25% of the enclosure.	Three months
2. Administrative and staffing pattern:			
2	10.2(2)	The Zoo should post an official with a Master's degree in Wildlife Science / Zoology as a full time Curator, solely responsible for looking after the upkeep of animals and maintenance of animal enclosures.	Six months
3. Development and Planning:			
3	10.3(8)	The zoo accepted many rescued animals of endangered species for housing but it has not informed the CZA. It should inform the CZA.	Immediately on acceptance of rescued wild animal in the zoo.
4. Animal housing, display of animals and animal enclosures:			
4	10.4(3)	Presently non-function Close Circuit Television to monitor security and safety of endangered animals should be made functional.	Immediately
5	10.4(4) & 10.4(6)	The prime enclosures are located very close to each other and three primate enclosures are very small without any withdrawal area and animal feeding retiring cell. Enclosure may be redesigned by grouping two enclosure and enhancing the area and enrichment of the enclosure.	One year
6	10.4(5)	At present in the primate enclosure the visitors are allowed to view the animals from all side of the enclosure and this disturbs the animals. The viewing area should be limited to one side only.	Three months
7	10.4(10)	Interactive interpretation facilities should be provided in more enclosures to educate visitors about behaviour of animal.	Six months
5. Upkeep and healthcare of animals:			
8	10.5(1) & 10.9(2)	The primate species exhibited are not in viable social groups. Efforts should be made to acquire animals under exchange programme from other zoos.	Six months
9	10.5(2)	There is a lake situated outside the zoo from which the excess water enters and flows into the zoo which is likely to enter the moats of the zoo. Water should be tested for any contaminated substance and steps taken to treat the water before using.	Periodically
10	10.5(2)	Appropriate measures should be taken by the zoo authorities to prevent seeping of contaminated water from the sewerage system into the moats of animal enclosures.	Three months
11	10.5(2)	The leakage in the water tanks and the distribution pipes to various animal enclosures should be rectified.	One month

Sl.	Norm No. under RZR	Condition	Time period to comply
6. Veterinary and infrastructure facilities:			
12	10.6(1)	This is a large category zoo carrying out successful breeding programme of a number of endangered species. It should have following basic hospital and monitoring equipment also. <ul style="list-style-type: none"> • Scales for weighing animals • Ultra-low Freezer (-70° C) for serum banking and diagnostic samples. • Ophthalmoscope • Otoscope • Isoflurane Vaporizer • Pulse Oximeter • ECG (Blood pressure monitor included) 	Six months
13	10.6(1)	This is a large category zoo carrying out successful breeding programme of a number of endangered species. It should have following basic diagnostic support in the Hospital to enable and make rapid assessments of physiologic status of sick and injured animals: <ul style="list-style-type: none"> • Haematocrit and haematocrit centrifuge for packet cell volume; • Hand-held refractometer for total serum solids; • Haemocytometer and associated items for manual RBC and WBC counts; 	Six months
9. Acquisition and breeding of animals:			
14	10.9(4)	The zoo has still large number of single animals in its collection. They should be paired immediately.	Immediately
15	10.9(8)	Identification marks should be put up in all endangered species under Conservation Breeding Programme.	Six months
16	10.9(9)	The zoo should make sincere efforts to limit 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.	Six months
17	10.9(9)	The free-ranging Spotted Deer in the zoo premises should be trans-located to other wilderness areas after proper screening. Further, the population control measures should be initiated.	Six months
12. Visitors' facilities:			
18	10.12(1) & 10.12(3)	The zoo should provide ramp and free access to the <u>Diyang</u> visitors of the zoo to civic facilities and the animal enclosures.	Six months

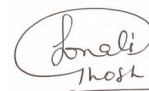
5. A compliance report to the Central Zoo Authority on implementation of the aforesaid conditions shall be submitted by the zoo within three months of issue of this letter followed by half-yearly report.

6. The renewal of recognition of the Nehru Zoological Park, Hyderabad for period beyond 19th August, 2023 as a Large Zoo would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

7. The recognition of the Nehru Zoological Park, Hyderabad 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 issues with approval of the competent authority.
Encls. As above

Yours sincerely



(Sonali Ghosh)
Dy Inspector General Of Forest

Copy for information / necessary action to:

1. The Special Chief Secretary to the Government of Telangana, Department of Environment, Forests, Science and Technology, Telangana Secretariat, Burgula Rama Krishna Rao Bhavan, NH 44, Hill Fort, Adarsh Nagar, Hyderabad, Telangana – 500 063, E-mail: prlsecy_efst@telangana.gov.in [Zoo Operator of the Nehru Zoological Park, Hyderabad under Rule 2(m)(III) of the Recognition of Zoo Rules, 2009]
2. The Member Secretary (Director of Zoos), Zoos and Parks Authority of Telangana, premises of the Nehru Zoological Park, Bahadur Pura, Hyderabad - 500 064, Telangana, E-mail: dirzooarkhyd@gmail.com , cfrangareddy@gmail.com
3. The Curator, Nehru Zoological Park, Bahadurpura, Hyderabad – 500 064, Telangana, E-mail: nehruzoopark1@gmail.com
4. The DPA, CZA – to update database and to upload on website.

sd/-

(Sonali Ghosh)
Dy Inspector General Of Forest



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. 19-40/92-CZA(11)(Vol. VII)(BKG)

/2933/2018

By Post / E-mail
Date: 16.04.2018

To,

The Chief Wildlife Warden,
Department of Forests
Government of Telangana
Aranya Bhavan, Saifabad,
Hyderabad 500 004 (Telangana)

Sub:- Renewal of recognition to the Nehru Zoological Park, Hyderabad for period beyond 31.10.2016 under Section 38H(1) of the Wildlife (Protection) Act, 1972 – reg.

Ref:-

1. Your application letter No. nil, Dated 03.10.2016 received from the Curator, Nehru Zoological Park, Hyderabad (Telangana).
2. This office letter F. No. 19-40/92-CZA(11)(Vol. VI)(A)/2812/2016, dated 19.10.2016.

Sir,

Reference is invited to above cited correspondence. It is to inform that the evaluation of Nehru Zoological Park, Hyderabad was carried out by the undersigned on 11.08.2017. The evaluation report was considered by the Technical Committee in its 85th Meeting held on 23.03.2018. After detailed deliberations, the Technical Committee decided for renewal of recognition of the Nehru Zoological Park, Hyderabad for a period of two years. A copy of the evaluation report is enclosed with this letter for your kind perusal and needful action.

The renewal of recognition to the Nehru Zoological Park, Hyderabad as a "Large Category Zoo" as per the provisions of Section 38H(1) of the Wild Life (Protection) Act, 1972 is for a period up to 22.03.2020 subject to the compliance of the following directives under the **Recognition of Zoo Rules (RZR), 2009** and mid-term evaluation of the zoo and to regularise the period after 31.10.2016:-

Sr. No	Norm under RZR, 2009	Particulars of suggestions/recommendation	Time Period to Comply
1. General requirements			
1	10.1(3)	The movement of visitors in the zoo has not been regulated in such a manner that zoo animals are not unduly disturbed. Although efforts are being made by the zoo in case of some of the enclosures, but visitors circulation around all enclosures should be restricted to 25% of the perimeter of the enclosure.	One year
2. Administrative and Staffing Pattern			
2	10.2(2)	The zoo should post an official with a Masters 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
3. Development and Planning			
3	10.3(5)	The zoo accepted any rescued animal of endangered species for housing but it has not informed the CZA. It should inform the CZA.	Immediately

Contd...

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

4. Animal housing, display of animals and animal enclosures			
4	10.4(4) and 10.4(6)	The primate enclosures are located very close to each other and three primate enclosures are very small without any withdrawal area and animal feeding retiring cell. Enclosure may be redesigned by grouping two enclosure and enhancing the area and enrichment of the enclosure.	One year
5	10.4(5)	At present, visitors of the primate enclosure are allowed to view the animals from all side of the enclosure and this disturbs the animals. The viewing area should be limited to one side only within 25% of the perimeter only.	One year
6	10.4(10)	Interactive interpretation facilities should be provided in more enclosures to educate visitors about behaviour of animal.	One year
5. Upkeep and healthcare of animals			
7	10.5(1) and 10.9(2)	The primate species exhibited are not in viable social groups. Efforts should be made to acquire animals under exchange programme from other zoos.	One year
8	10.5(2)	There is a lake situated outside the zoo from which the excess water enters and flows into the zoo which is likely to enter the moats of the zoo. Water should be tested for any contaminated substance and steps taken to treat the water before using.	Immediately
9	10.5(2)	Appropriate measures should be taken by the zoo authorities to prevent seeping of contaminated water from the sewerage system into the moats of animal enclosures.	Immediately
10	10.5(2)	The leakage in the water tanks and the distribution pipes to various animal enclosures should be rectified.	Immediately
11	10.5(4)	The feed store, distribution centre and cooking places should be made rodent proof.	Immediately
6. Veterinary and Infrastructure Facilities			
12	6.1 (e)	This is a large category zoo carrying out successful breeding programme of a number of endangered species. It should have following basic hospital and monitoring equipment also: <ul style="list-style-type: none"> • scales for weighing animals • ultra-low freezer (-700C) for serum banking and diagnostic samples • ophthalmoscope • otoscope, • isoflurance vaporizer • pulse oximeter • ECG (blood pressure monitor included) 	Immediately
13	6.1(f)	This is a large category zoo carrying out successful breeding programme of a number of endangered species. It should have following basic diagnostic support in the hospital to enable and make rapid assessments of physiologic status of sick and injured animals: <ul style="list-style-type: none"> • Hematocrit and hematocrit centrifuge for Packet Cell Volume • Hand-held refractometer for Total Serum Solids • Hemacytometer and associated items for Manual RBC and WBC counts 	Immediately

Contd....

9. Acquisition and breeding of animals			
14	10.9(8)	Identification marks should be put up in all endangered species under conservation breeding programme.	Immediately
15	10.9(9)	The zoo should make sincere efforts to limit 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.	Immediately
16	10.9(4)	The zoo has still large number of single animals in its collection. They should be paired immediately.	Immediately
17	10.9(9)	The free ranging Spotted Deer in the zoo premises should be translocated to other wilderness areas after proper screening. Further, the population control measures should be initiated.	Immediately
12. Visitor Facilities			
18	10.12(1) and 10.12(3)	The zoo should provide ramp and free access to the <i>Divyang</i> visitors of the zoo to civic facilities and the animal enclosures.	Immediately
19	Others	The Central Zoo Authority had provided funds to the zoos to install close circuit television to monitor the security and safety of the endangered animals, particularly the tigers. It is learnt that the system is gone out of order; the same should be made functional immediately.	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 Nehru Zoological Park, Hyderabad for period beyond 22.03.2020 as a "Large Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Nehru Zoological Park, Hyderabad 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 Curator, Nehru Zoological Park, Bahadurpura, Hyderabad 500 064 (Telangana) Email. hydzo@rediffmail.com 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}

CZA Central Zoo Authority

Entry No. 34667

Date 22/12/17

PART-I

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

Date of Evaluation: 11th August 2017

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

1	Name of the Zoo	Nehru Zoological Park, Hyderabad
2	Name/designation of the officer in-charge of the zoo	Ms. Shivani Dogra, I.F.S. Curator
	Address:	Nehru Zoological Park, Bahadurpura, Hyderabad – 500064 Telangana State
	Mobile Phone:	9440810182
	Email:	Nehrutoopark1@gmail.com , hydzoorediffmail.com
	Website:	www.hydzoocom
3	Location and Area of the Zoo (also indicate the distance from the city/town):	Bahadurpura Village, Rajendranagar Mandal Hyderabad District, Telangana State 5 kms within the city limits
	Whether the office of Zoo Director is within campus, if outside, how far?	No, the curator is exclusively in-charge of the zoo park. There is no zoo Director post for the zoo since bifurcation of the state Andhra Pradesh into Andhra Pradesh and Telangana.
4	If the Zoo Director is in-charge of any activity other than the zoo, if yes, please specify.	Not applicable
5	Operator/Agency under whose control the Zoo, and	The Zoo is with the Telangana Forest Department and the controlling officer is Curator, Nehru Zoological Park, Hyderabad Address: o/o The Curator, Nehru zoological park, Bahadurpura, Hyderabad – 500 064 Telangana State Contact no. 9440810182
	Contact person	Ms. Shivani Dogra, I.F.S., Curator Nehru Zoological Park, Hyderabad
	Address	o/o The Curator, Nehru zoological park, Bahadurpura, Hyderabad – 500 064 Telangana State
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	Yes, the zoo functions under Zoos and Parks Authority of Telangana (ZAPAT) which is a society registered under Societies Act vide Registration No.
7	Approximate population of the city where the zoo is located	1.20 Crore approx.
8	Year of the Zoo founded	26 th October, 1959
9	Year first opened to public	6 th October, 1963
10	Mission Statement of the Zoo	Conservation of Wildlife through planned breeding of endangered species of the Deccan plateau and collaborative research aiming at attaining management schemes for in-situ population
11	Vision Statement of the Zoo	Educating the visitors to see the Zoo as scientific institution engaged in welfare and conservation of wildlife. Also to view the Zoo and knowledge centers for wildlife education, maintaining healthy ambience and pollution free environment

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)	31.10.2016 Shri S.C. Sharma, Addl DGF(WL) (Retd) Shri Brij Kishore Gupta, Evaluation & Monitoring Officer																														
14	Whether your zoo is member of WAZA or any other such organizations, if so, provide details	Yes																														
15	Officers present during the evaluation	Dr S. Kukreti, CCF Ms Shivani Dogra, Curator, Nehru Zoological Park, Hyderabad																														
16	• Total no. of animals exhibited by the zoo (during the last evaluation & as on the date of evaluation) • Species exhibited & numbers	148 species, 1438 Nos. (During last evaluation) (Evaluation dates :26.07.2013 & 27.07.2013) 155 species and 1550 specimen (As on 31.03.2016)																														
17	List of Surplus Animals (attach a list)	Statement enclosed.																														
18	List of additional facilities available at the zoo like and their entrance fees, if any;																															
	1. Nocturnal House	Yes, Adults : Rs. 15/-, Child : Rs. 5/-																														
	2. Reptile House	No.																														
	3. Aquarium	Yes, Adults & Child @ Rs. 5/-																														
	4. Safari	Yes, Adults : Rs. 45/-, Child : Rs. 25/-																														
	5. Boating	No.																														
	6. Morning Walks	No																														
	7. Train Ride	Yes, Adults : Rs. 20/-, Child : Rs. 10/-																														
	9. Elephant Ride etc	No																														
	10. Others, specify	BOV Hop on Hop off Rs. 50/-																														
19	No. of visitors (during the current and last three financial year)	2013-14 - 30.04 lakhs 2014-15 - 29.80 lakhs 2015-16 - 29.79 lakhs 2016-17 - 27.79 lakhs																														
20	Budget of the zoo (last three years) (attach separate sheet if required)	<table border="1"> <thead> <tr> <th>Head of Acc.</th> <th>2013-14 (Rs. in lakhs)</th> <th>2014-15 (Rs. in lakhs)</th> <th>2015-16 (Rs. in lakhs)</th> <th>2016-17 (Rs. in lakhs)</th> </tr> </thead> <tbody> <tr> <td>Plan</td> <td>137.52150</td> <td>393.79000</td> <td>69.83500</td> <td>0.25643</td> </tr> <tr> <td>Non-Plan</td> <td>1183.17550</td> <td>1742.09800</td> <td>1595.51785</td> <td>1462.22</td> </tr> <tr> <td>C.Z.A</td> <td>92.78000</td> <td>16.76000</td> <td>18.58000</td> <td>23.68419</td> </tr> <tr> <td>PBZR</td> <td>1440.0000</td> <td>1354.00000</td> <td>2073.82000</td> <td>1350.8910</td> </tr> <tr> <td>TOTAL</td> <td>2853.47700</td> <td>3506.64800</td> <td>3757.75285</td> <td>2837.05162</td> </tr> </tbody> </table>	Head of Acc.	2013-14 (Rs. in lakhs)	2014-15 (Rs. in lakhs)	2015-16 (Rs. in lakhs)	2016-17 (Rs. in lakhs)	Plan	137.52150	393.79000	69.83500	0.25643	Non-Plan	1183.17550	1742.09800	1595.51785	1462.22	C.Z.A	92.78000	16.76000	18.58000	23.68419	PBZR	1440.0000	1354.00000	2073.82000	1350.8910	TOTAL	2853.47700	3506.64800	3757.75285	2837.05162
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21	Revenue earned (last three years)	2013-14 - Rs. 1273.79 lakhs 2014-15 - Rs. 1371.80 lakhs 2015-16 - Rs. 1403.68 lakhs 2016-17 - Rs. 1490.57 lakhs																														
22	Utilization of financial Assistance received from the CZA during last three years and its utilization	<table border="1"> <thead> <tr> <th>Year</th> <th>Funds Recived From CZA</th> <th>Amount Spent With Item Wise Details</th> <th>Savings, if any</th> <th>Remarks Utilization Certificates Pending, if any, Provide Details</th> </tr> </thead> <tbody> <tr> <td colspan="5">Attach a Separate Sheet as Annexure:-</td> </tr> </tbody> </table>	Year	Funds Recived From CZA	Amount Spent With Item Wise Details	Savings, if any	Remarks Utilization Certificates Pending, if any, Provide Details	Attach a Separate Sheet as Annexure:-																								
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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 No.: F.No.19-40/92-CZA(11)(Vol.V)(M)/740 dated:11.10.2011; Letter No.:F.No.19-40/92-CZA(11)(Vol.IV)
Dated:28.08.2007 and Letter No.:F.No.19-40/92-CZA(11)(Vol. III)(M) Dated:14.09.2004.

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
1. General requirements						
1	10.1(9)	The zoo has 10 domestic Geese housed in the aviary. These domestic Geese should be removed from the zoo as per CZA guidelines.	With immediate effect	11.10.2011	This has been complied with.	Complied
2. Administrative and Staffing Pattern						
2	10.2.(2)	The zoo should post an official with a Masters degree in Wildlife Science / Zoology as a full time Curator, solely responsible for looking after the upkeep of animals and maintenance of animal enclosures.		14.09.2004	Action will be taken up in consultation with higher officials as the designation of Zoo in charge is also Curator and the matter needs to be taken up at higher level. However it has been already requested to the CCF/CF, WLM Circle, & Director Zoo Parks, Hyderabad (Vide Rc.No.935/2016/A4,dt:26.06.2016) for change in the designation of Curator, NZP to Director, NZP a per the instructions of Member Secretary, CZA vide F.No. 19-40/92-CZA (11) (Vol.V) (M)/523, dt: 26.08.2011	Not complied
Development and Planning						
3	10.3(1)	The Zoo should prepare a long term master plan for its future development and a copy of this plan should also be submitted to the Central Zoo Authority.		10.04.2004	Completed	Complied
4	10.3(6)	The zoo should prepare a collection plan of animals to be housed and displayed.		14.09.2004	Prepared	Complied
4. Animal housing, display of animals and animal enclosures						
5	10.4(2)	a. The aviaries at the zoo should be provided with sufficient soil substrate, instead providing them the pucca floor. b. The Pheasant enclosure should be provided with shell grits and cattle fish shall be handed suitably inside the enclosure as a calcium source.		28.08.2007	Completed and also a plan for improving the aviaries is being prepared.	
6	10.4(2)	Appropriately designed large naturalistic enclosure should be provided for peafowl.		14.09.2004	Completed	Complied
7	10.4(2)	A bathing tank at a suitable place should be provided in the Elephant enclosure.		14.09.2004	Completed	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
8	10.4(2)	Appropriately designed feeding cell/retiring cubicle as per the prescribed dimension under the Rules should be provided for Lions in the Safari.		14.09.2004	Completed	Complied
9	10.4(4) and 10.4(6)	The primate enclosures are located very close to each other and three primate enclosures are very small without any withdrawal area and animal feeding retiring cell. Enclosure may be redesigned by grouping two enclosure and enhancing the area and enrichment of the enclosure.	One year	11.10.2011	We are in the process of redesigning this section of primates by developing the enclosures and providing night house/retiring any feeding all for the redefined enclosures.	Not complied
10	10.4(5)	At present in the primate enclosure the visitors are allowed to view the animals from all side of the enclosure and this disturbs the animals. The viewing area should be limited to one side only.	One year *Leading from Sacred Baboon to LTM has been barricaded to prevent 360 degree viewing another path in between colobus Monkey and Niligiri Langur is blocked.	11.10.2011	The following steps have been taken to comply with this condition. Green Vegetable barrier is established to screen all round viewing by visitors in Chimpanzee, LTM, Golden Monkey, African Green Monkey, Olive Baboon and Sacred Baboon enclosures, the pathway however, some more area needs to be closed and we are in the process.	Not fully complied
11	10.4(7)	Spotted Deer enclosure is adjacent to the Tiger enclosure and this causes undue stress to the animals. Spotted Deer may be shifted to another enclosure where already Spotted Deers are kept.	Six months	11.10.2011	This prescription has been complied with.	Complied
12	10.4(9)	The stand-off barriers are small, damaged and does not serve the purpose of effective barrier. The barriers need to be redesigned and reconstructed. Additional warning boards should be installed.	Six months	11.10.2011	This prescription has been complied with.	Complied
13	10.4(10)	The Zoo should provide in every animal enclosure a sign board displaying scientific and ecological information regarding the animals exhibited in it.		14.09.2004	Completed	Complied
5. Upkeep and healthcare of animals						
14	10.5(1) And 10.9(2)	The primate species exhibited are not in viable social groups Efforts should be made to acquire animals under exchange programme from other zoos.	One year	11.10.2011	This zoo is continuously making effort to acquire animals under exchange programme to establish viable social groups for primate species.	Not complied
15	10.5(2)	There is a lake situated outside the zoo from which the excess water enters and flows into the zoo which is likely to enter the moats of the zoo. Water should be tested for any contaminated substance and steps taken to treat the water before	With immediate effect	11.10.2011	Water samples from (10) different locations in the zoo was collected and got tested in A.P. Pollution Board laboratories. The	Not 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	
		using.				results indicate that the water quality through not to desirable levels is not very bad as observed by experts in this field who have indicated that presence of healthy population of fresh water Turtles and fishes is a sign that water not very bad. However, the GHMC and Pollution control Board (TS) are addressed to look into the matter and do needful for treatment of this water.	
16	10.5(2)	Appropriate measures should be taken by the zoo authorities to prevent seeping of contaminated water from the sewerage system into the moats of animal enclosures.		14.09.2004		Not complied	
17	10.5(2)	The leakage in the water tanks and the distribution pipes to various animal enclosures should be rectified.		14.09.2004	Yes	Not complied	
18	10.5(3)	The gunny bags used for storage of dry ration should be kept on elevated platform to prevent moisture absorption.		14.09.2004	Done	Complied	
19	10.5(4)	The feed store, distribution centre and cooking places should be made rodent proof.		14.09.2004	Under process	Not complied	
20	10.5(4)	Feeding kraals are to be provided to enclosures of Nilgai and Black Buck.	Six months	11.10.2011	Completed	Complied	
21	10.5(5)	All vehicles entering the zoo campus should be properly disinfected by using appropriate mechanism.		14.09.2004	Vehicle entry into Zoo has been stopped and BOV (electric) are provided to visitors.	Complied	
22	10.5(9)	All staff involved with upkeep and healthcare of animals should be screened against zoonotic diseases once every year.	With immediate effect	11.10.2011	Yes. The health checkup/ screening of the zoo staff is being taken up annually and was done for the year 2016 already.	Complied	
6. Veterinary and infrastructure facilities							
23	10.6(1)	(i) Veterinary hospital should be supplied with important drugs viz. Telazol, Doxapram Hydrochloride etc. and diagnostic equipment like non-contact infrared thermometer and portable ultra scanner. (ii) Post-mortem needs exhaust fan, storage rack to place cover cells, gloves, trays and gadgets to be used during the post-mortem of wild animals.	With immediate effect With immediate effect	11.10.2011	All important and suitable drugs are being supplied to Vet. Hospital as per the requirements given by the zoo veterinarians(Asst. Director) equipments other than Ultra Scanner are available. The PM room is improved by adding a bathroom and a preparation room. The	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
					PM room is being redesigned.	
24	10.6(1b)	A UV sterilization lamp should be provided in the operation theatre.		14.09.2004	Completed	Complied
25	10.6(1b)	A glass fronted instruments cabinet should be provided in the operation theatre for keeping surgical equipments.		14.09.2004	Completed	Complied
26	10.6(1b)	The existing operation theatre is poorly ventilated and an air conditioner should be provided.		14.09.2004	Completed, AC has been installed.	Complied
27	10.6(1b)	A binocular microscope should be procured for laboratory use.		14.09.2004	Completed and has been procured and being used.	Complied
28	10.6(1b)	Glazed tiling of walls and proper flooring should be provided in the post-mortem room. A rectangular wash basin should be provided. The post-mortem room should be made fly proof and if possible glass tiles at strategic points on roof should be provided to allow natural light.		14.09.2004	Under progress	Complied
29	10.6(1b)	A toilet with bathing facility should be provided adjacent to the post-mortem room for use of the staff engaged in post-mortem of animals.		14.09.2004	Completed	Complied
30	10.6(3)	a. The quarantine and isolation wards should be constructed to take care of newly arriving animals and sick animals at the Zoos as to minimize the chances of infectious spreading to other animals of zoos. b. The diagnostic facility at the zoo should acquire electric sterilizer, autoclave, big pressure cooker for sterilizing the equipments.		28.08.2007	Completed	Complied
31	10.6(5)	Veterinary unit does not have a compounder. Action should be taken to fill up two points in this cadre.	One year	11.10.2011	At present We have 2 Nos of Vety. Asst. Surgeon (Previously called Vety. Compounder) and 1 Jr. Vety. Officer's and Paravets to take care of the health needs of zoo animals (since 1977)	Complied
9. Acquisition and Breeding of animals						
32	10.9(4)	All single animals housed at the *zoo should be provided appropriate mate within a period of 31 st March, 2008, failure to which all single endangered animals should be shifted in consultation with the Central Zoo Authority to recognized zoos.		28.08.2007	Constant efforts are being put in this regard Lion Tailed Macaque, Ratel, Leopard Cat, Himalayan Black Bear , Small Indian Civet, Smooth coated otter, Indian Wolf, Whitaker's boa,, Reticulated Python, Born fishing Owl, Purple moor hen, Grey Jungle Fowl, Blue Ring Parakeet.	Not Complied
33	10.9(9)	The free ranging Spotted Deer (about 100 in no.) in the zoo premises should be	One year	11.10.2011 and	Being carried out regularly translocation from Zoo to	Not 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
		trans-located to other wilderness areas after proper screening and population control measures should be initiated.		14.09.2004	the Forest.	
12. Visitors facilities						
35	10.12(1)	Appropriately designed visitors sheds which merge with the overall environment of the entrance plaza should be provided near the ticket counters.		14.09.2004	Completed	Complied
36	10.12(1)	The zoo should acquire wheel chair in sufficient numbers to give to physical disadvantaged people visiting the zoo.	Six months	11.10.2011	This prescription has been complied with.	Complied
37	10.12(2)	First aid equipments including anti-venom should be readily made available in the premises of the Zoo.		28.08.2007	Completed	Complied
Other Non-statutory conditions						
38		The Central Zoo Authority had provided funds to the zoos to install close circuit television to monitor the security and safety of the endangered animals, particularly the tigers. It is learnt that the system is gone out of order; the same should be made functional immediately.		28.08.2007	The proposal sent to the Director Zoo Parks, it is under process.	Not Complied
39		The foot bath with the disinfectant provided at the entrance of the gate should be made little deeper for the tyres of the vehicles get a dip. Necessary slope should be given for the foot bath tank, so that excess disinfectant mixed water will run back to the tank to maintain the level of the disinfectant bath.		28.08.2007	Completed	The entry of private vehicles have been stopped.
40		The cattle dung being purchased by the Zoo for operation of Gobar Gas Plant should be stopped.		14.09.2004	Stopped as per instructions.	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	Not applicable	NA
	(c) If any introduction of new blood has been made after last evaluation to increase the genetic viability of animals.	-Yes-	Yes
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-	Yes
	(b)If not indicate cases of deviation.	Not applicable	NA
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. However, works in many enclosures is still not completed.
	(b)Is the zoo closed to visitors at least one day in a week?	-Yes-	Yes
	(c)Which day?	Monday	Monday
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 un-regulated access of visitors to the zoo and zoo animals and being subjected to injury, pilferage and predation?	-Yes-	Yes
	(b) If not which stretch and its length?	Not applicable	NA
1.5	(a)Is the zoo surrounded by human landscape?	-Yes-	Yes
	(b)If yes, whether encompassed by a perimeter wall of at least two meter in height from the ground level on both sides?	-Yes-	Yes
1.6	(a)Is there residential colony constructed within the zoo premises?	-Yes-	Yes
	(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?	-Yes- The Zoo is protected by 4 to 6 meter high wall all around with concertina coil installed on top of the compound wall.	Yes
	(c) Is the entry to the residential colony through the zoo premises?	-No-	No
1.7	(a)What are arrangements for managing solid and liquid waste and storm water?	1. Vermi compost units. 2. Manure pits. 3. Phyto-remedial measures for liquid treatment.	As stated
	(b) Is it adequate?	-Yes-	Yes
	(c)What are the short comings?	-	
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?	Not Applicable	NA
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 zoo animals and managing the zoo in a planned manner?	-Yes-	Yes																									
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="181 443 817 645"> <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- 1) Asst Director (Vet) whole time permanent 2) Veterinary Asst Surgeon on deputation basis 3) Veterinary Asst Surgeon (outsourcing) 4) Paravets – 2 No., whole time permanent 5) JVO – 1 No., (on deputation) 6) Veterinary Asst – 1 No. (Outsourcing). 7) Zoo Education Officer/ PRO -1No. (Outsourcing). 8) Biologist-2Nos	Yes
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 direct recruitment.	No direct recruitment.																									
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)	Response to emergencies is immediate.	The essential staff stay in the zoo campus																									
3. Development and planning																												
3.1	(a) Has the zoo prepared and got the master plan approved by the Central Zoo Authority?	Yes, 2014-15 to 2034-35	Yes																									
	(b) If not, what is the stage?	Not applicable	NA																									
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. The Zoo area is under green belt and natural vegetation like a forest which is undisturbed. Approximately 70% area is under green belt and natural vegetation.	Yes																									
	(b) If not, approx what percentage?	-	NA																									
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-	Yes																									
	(b) If not what improvements are suggested?	-	NA																									
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?	-Yes- The collection plan has been prepared in consultation with the C.Z.A. However, some species need to be added in the collection plan in order to improve the species collection so that the same can be exhibited for public awareness for conservation and Education.	Yes																									
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?	Yes	Yes																									

	(b) If yes which species and from where received?		Detailed information not provided.
	(c) The location of quarantine and isolation area?		In the zoo.
3.6	a) Has the zoo accepted any rescued animal for housing?	Yes	Yes
	b) If so what is the species and number?		Detailed information not provided.
	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?		Information not provided.
	d) If the rescued animal pertains to an endangered species whether a copy of the report has been sent to the Central Zoo Authority ?		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?	-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,	Yes
	(b) How many such enclosures for which species exist?	Naturalistic enclosures have been provided for Nilgiri Langur, LTM, Bonnet Macaque, Rhesus Macaque, Tiger, Lion, Hyena, Rhino, Leopard, Bears, Hog Deer, Sambar Deer, Gaur, Wolf, Jackal, arboreal birds, Stork enclosure, Wet land Bird enclosure etc.,	As mentioned
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	Yes
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	Yes
	(b) If not, in which cases?	-	NA
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?	-	NA
4.5	Which animals are kept in substandard enclosures as per CZA specification?	None	None
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	Yes
	(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?	Yes	Yes
	(b) If yes, which ones and why?	Goral enclosure. A pair of Goral have been received from Mahendra Chaudhary Zoological Park, Chattbir, Punjab under exchange program and there was no suitable enclosures for housing. Therefore, an	Goral enclosure. It is not understood how animal exchange proposal was approved by the CZA in the absence of proper

		enclosure as per the requirements of the species is being constructed.	housing facility for the animal (Goral).
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? (b) Where are the deviations?	Yes -	Yes
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? (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? (d) Details thereof.	Yes - Yes Interactive interpretation facilities is provided opposite Reptile house which is utilized to educate visitors about behavior of animal like Snakes, Crocodiles, Carnivores, Herbivores, Birds etc.	Yes Provided in limited enclosures. More such facility should be created.
5. Upkeep and healthcare of animals			
5.1	Enclosures and animal facilities (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. (c) Whether the food containers and water bowls are cleaned and disinfected on daily basis? (d) Whether grills and floor of feeding cells, night shelters and chain link fence of outdoor enclosures are being disinfected on routine basis. (e) Whether perches and shelves are cleaned regularly and kept free of faeces and urine? (f) Whether dirt substrates in outdoor planted exhibits are raked and spot- cleaned periodically? (g) Whether the zoo has provision of secondary holding areas for safe movement of animals from primary enclosures for cleaning/ feeding/ medical procedures? (h) Provision of footbath of adequate size with proper disinfectant at entry and exit points of animal house is provided or not? (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? (j) Whether the drainage system is covered properly and away from animal houses?	-Yes- -Yes- -Yes- -Yes- -Yes- -Yes- -Yes- -Yes- -Yes- -Yes-	Yes Yes Yes Yes Yes Yes Yes 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-	Yes
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	-Yes-	Yes
1. Whether the meat house is fly proof and pest free and located at a reasonable distance from the feed store and kitchen?	-Yes-	Yes
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?	-Yes-	Yes
4. Whether the meat handlers entering the facility change into a clean and disinfected boots and coveralls?	-Yes-	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?	-Yes-	Yes
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	-Yes-	Yes
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-	Yes
Removal of unused feed and excreta	-Yes-	Yes
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-	Yes
(a) In which cases improvement is recommended?	-	
(b) Are the dimensions and designs of the feeding cells and kraal as per the standards specified by the Central Zoo Authority?	-Yes-	Yes
(c) Cases of deviation, if any?	-	

5.3	Visual observation on daily activity pattern of animals and preventive healthcare		Yes
	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-	
	(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- Regularly	Yes
	4. Whether the zoo have written schedule of vaccination and deworming 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-	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.	-Yes -	Yes	
(a) Whether the zoo has any such MoU with the nearest veterinary institution?	-Yes -	Yes	
(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?	-Yes-	Yes	
6. Veterinary and Infrastructure Facilities			
5.1	Zoo hospital		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?	-Yes-	
	(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?	Asst Director (Vet) – 1 No. V.A.S – 1 No. V.A.S – 1 No. (outsourcing basis)	Yes
	(c) Are there suitable and appropriately designed holding facilities for animals requiring extensive medical care?	-Yes-	Yes
(d) Whether the veterinary facilities have a separate area / room for equipment cleaning and sterilization?	-Yes-	Yes	

(e) Whether the zoo has basic hospital and monitoring equipment:	-Yes-	
✓ refrigerator (50C)	-Yes-	Yes
✓ stethoscope	-Yes-	Yes
✓ freezer (-170C)	-Yes-	Yes
✓ scales for weighing animals	-No-	No
✓ 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	-Yes-	Yes
✓ Endotracheal tubes	-Yes-	Yes
✓ oxygen support (regulators and demand valves)	-Yes-	Yes
✓ inhalation anesthesia machine that can support a tiger-sized animal	-Yes-	Yes
✓ isoflurane vaporizer	-No-	No
✓ anesthesia monitoring equipment (single or multiparameter)	-Yes-	Yes
✓ pulse oximeter	-No-	No
✓ ECG (blood pressure monitor included)	-No-	No
✓ basic surgery instruments	-Yes-	Yes
✓ surgical light	-Yes-	Yes
✓ autoclave	-Yes-	Yes
✓ basic dental instruments	-Yes-	Yes
(f) Whether the zoo has basic diagnostic support to enable and make rapid assessments of physiologic status of sick and injured animals:	-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	-Yes-	Yes
✓ Standard laboratory centrifuge and glassware for Serum / Plasma separation	-Yes-	Yes
g) Whether the zoo has arrangements of reference laboratory support and rapid transportation of diagnostic samples to nearest veterinary institution equipped with following facilities: <ul style="list-style-type: none"> ✓ 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 	Yes with VBRI, Shantinagar and College of Veterinary science, Rajendranagar, Hyderabad, Telangana, LaCONES (CCMB)	Yes
(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?	Not applicable	
3.2 Animal restraint		Yes
(1) Whether the zoo has appropriate animal restraint equipment, accessories and drugs ?	-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-	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 – <table border="1" data-bbox="177 568 834 741"> <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	1. One Lab Technician 2. Paravets – 3 No. 3. J.V.O's –1No. 4. Veterinary Asst- 2No. Are available in this Zoo.	Yes
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 : <ol style="list-style-type: none"> Assistance in scientific diagnosis of diseases of serious nature and advice on the effective remedial treatment. Training and upgrading technical skills of animal health staff. Development of protocols for preventive medicines and vaccination 	-Yes-	Yes															
	2. Whether the veterinary officer has requisite training/education in wildlife medicine/health ?	-Yes-	Yes															
	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 ?	-Yes-	Yes															
7. Post-mortem and disposal of carcasses of animals																		
7.1	Post mortem facilities 1. Does the zoo; unless it is mini zoo have a modern post mortem room, equipped with sufficient light and post mortem equipment?	-Yes-	Yes															
	2. Whether the zoo veterinarian has specialized knowledge and skills in wildlife pathology?	-Yes-	Yes															
	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- VBRI, Veterinary College, LaCONES, CCMB.	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 subparagraph (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?	-Yes-	Yes
7.4	Does the zoo ensure that the carcasses of the animals, after the post-mortem has been conducted, is disposed of by burying or burning in a manner that does not have any adverse impact on the hygiene and cleanliness of the zoo ?	-Yes-	Yes
	a) Are the carcasses of large cats disposed of by burning in the presence of Curator 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?	-Yes-	No animal has died in the recent time due to Anthrax
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.	-Yes-	Yes. No animal euthanized.
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-	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-	Yes
	(b)If there is any deviation, details thereof.	-No-	No
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?	Yes	Yes
	(b) Please indicate such cases.	A male Hippo and Ratel for pairing purpose have been acquired from Kanan Pendari Zoo Park, Bilaspur, Chhattisgarh, Lion tailed macaque, Reticulated Python from Arignar Anna Zoological Park, Chennai.	Yes, it has been paired.
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?	Yes. The zoo has tried to acquire mates for single animals listed below for pairing :- African Green Monkey, Pig Tailed Macaque, Red Patas Monkey, Nilgiri Langur, Stump tailed macaque, Himalayan Black Bear, Common Marmoset, Fowl Red Spur, Bar headed goose, Purple moored hen, Barn Owl, Brown fishing owl, Shikra, Gharial, Reticulated Python, Monitor Lizard, Ratel, Hippopotamus, Giraffe, Chimpanzee, etc.	The zoo should make efforts to pair the single animals on priority.
	(b)Please indicate unpaired species, its sex and for the period it has been kept unpaired.	Enclosed	

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?	-Yes- 1. Mouse Deer 2. White backed vulture.	Yes
	b. If a scientific conservation breeding plan species recovery plans for the species have been prepared or not? If the plan is being followed by the zoo?	-Yes-	Yes
	c. Is the Conservation Breeding Facility situated in off display area of the zoo?	-Yes-	Yes
	d. Has the founder population of the species bred in zoo, indicate numbers bred in the zoo?	Animal births report enclosed.	Indicated
	e. Have the animals been conditioned for reintroduction in the wild?	-Yes-	Yes
	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.	Yes, for the purpose the expertise of LaCONEs (CCMB) is utilized.	Yes
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-	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-	Yes, but all endangered species has not been marked..
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.	-Yes-	Yes. But they should do it for herbivore population also.
	b. What methods of population control were employed and comparative success?	Separation of sexes. Example Panther.	Yes
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?	The staff have been trained to react in case of any emergencies or disaster related incidents. They are given a drill in this regard from time to time.	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	- Yes. Spotted Deer have been released in Natural forests in Kawal Tiger Reserve.	Yes
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?	-Yes-	Yes
	b. Has the zoo accessed grants form CZA or other institutions/agencies for the Research Project. Indicate details and outcomes?	-	No
	c. Is the zoo carrying out collaborative research for evolving	Grants are received for	Yes

	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)	Mouse Deer and Vulture conservation breeding and research program. Both the projects are progressing well. The Mouse Deer numbers have increased from 6 in 2010 to 150 as on date. Yes in collaboration with LaCONES and College of Veterinary Science, Rajendranagar.	
	d. Research paper/ technical reports published. Details of its implementation.	-Yes-, enclosed.	Yes
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-	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-	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?		
	a. Drinking Water	-Yes-	Yes
	b. Urinals	-Yes-	Yes
	c. Ramps	-	No
	d. Wheel chairs	-Yes-	Yes
	e. Battery Operated vehicles	-Yes-	Yes
	f. Lawns	-Yes-	Yes
	g. Visitor shed	-Yes-	Yes
	h. Kiosks	-Yes-	Yes
	i. rain shelters	-Yes-	Yes
	j. cloak rooms for the visitors	-Yes-	Yes
	k. zoo visitor guides	-Yes-	Yes
	l. Public Announcement systems, fire alarm during emergency.	-Yes-	Yes
12.2	Does the zoo have first aid facilities including snake anti-venom and life saving drugs, readily available in the zoo premises?	A Zoo clinic for staff and visitors has been set up with life saving drugs and snake anti-venom drugs in the Zoo premises with a Doctor and Para Medical staff.	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, we have started and will be covering maximum possible visitors area.	Yes

**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		
	10.1(3)	The movement of visitors in the zoo has not been regulated in such a manner that zoo animals are not unduly disturbed. Although efforts are being made by the zoo in case of some of the enclosures, but visitors circulation around all enclosures should be restricted to 25% of the enclosure.	One year
2.	Administrative and Staffing Pattern		
	10.2(2)	The zoo should post an official with a Masters 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
3.	Development and Planning		
	10.3(5)	The zoo accepted any rescued animal of endangered species for housing but it has not informed the CZA. It should inform the CZA.	Immediately
4.	Animal housing, display of animals and animal enclosures		
	10.4(4) and 10.4(6)	The primate enclosures are located very close to each other and three primate enclosures are very small without any withdrawal area and animal feeding retiring cell. Enclosure may be redesigned by grouping two enclosure and enhancing the area and enrichment of the enclosure.	One year
	10.4(5)	At present in the primate enclosure the visitors are allowed to view the animals from all side of the enclosure and this disturbs the animals. The viewing area should be limited to one side only.	One year
	10.4(10)	Interactive interpretation facilities should be provided in more enclosures to educate visitors about behaviour of animal.	One year
5.	Upkeep and healthcare of animals		
	10.5(1) and 10.9(2)	The primate species exhibited are not in viable social groups. Efforts should be made to acquire animals under exchange programme from other zoos.	One year
	10.5(2)	There is a lake situated outside the zoo from which the excess water enters and flows into the zoo which is likely to enter the moats of the zoo. Water should be tested for any contaminated substance and steps taken to treat the water before using.	Immediately
	10.5(2)	Appropriate measures should be taken by the zoo authorities to prevent seeping of contaminated water from the sewerage system into the moats of animal enclosures.	Immediately
	10.5(2)	The leakage in the water tanks and the distribution pipes to various animal enclosures should be rectified.	Immediately
	10.5(4)	The feed store, distribution centre and cooking places should be made rodent proof.	Immediately
6.	Veterinary and Infrastructure Facilities		
	6.1 (e)	This is a large category zoo carrying out successful breeding programme of a number of endangered species. It should have following basic hospital and monitoring equipment also: <ul style="list-style-type: none"> • scales for weighing animals • ultra-low freezer (-700C) for serum banking and diagnostic samples • ophthalmoscope • otoscope, • isoflurance vaporizer • pulse oximeter • ECG (blood pressure monitor included) 	Immediately
	6.1(f)	This is a large category zoo carrying out successful breeding programme of a number of endangered species. It should have following basic diagnostic support in the hospital to enable and make rapid assessments of physiologic status of sick and injured animals: <ul style="list-style-type: none"> • Hematocrit and hematocrit centrifuge for Packet Cell Volume • Hand-held refractometer for Total Serum Solids • Hemacytometer and associated items for Manual RBC and WBC counts 	Immediately
9.	Acquisition and breeding of animals		
	10.9(8)	Identification marks should be put up in all endangered species under conservation breeding programme.	Immediately

10.9(9)	The zoo should make sincere efforts to limit 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.	Immediately
10.9(4)	The zoo has still large number of single animals in its collection. They should be paired immediately.	Immediately
10.9(9)	The free ranging Spotted Deer in the zoo premises should be trans-located to other wilderness areas after proper screening. Further, the population control measures should be initiated.	Immediately
12. Visitor Facilities		
10.12(1) and 10.12(3)	The zoo should provide ramp and free access to the <i>Divyang</i> visitors of the zoo to civic facilities and the animal enclosures.	Immediately
Others	The Central Zoo Authority had provided funds to the zoos to install close circuit television to monitor the security and safety of the endangered animals, particularly the tigers. It is learnt that the system is gone out of order; the same should be made functional immediately.	Immediately



(Name and signature of evaluating officer/s)



सर्वो ह सर्वशाली।
जसो हे सुरक्षशाली।।



GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

Central Zoo Authority

SPEED POST



THROUGH REGISTERED POST

F. No. 19-40/92-CZA(11)(Vol. V)(M)/740

DATE: 10.10.2011

To

The Director
Nehru Zoological Park,
Hyderabad (Andhra Pradesh).

Sub:- Renewal of recognition to Nehru Zoological Park, Hyderabad beyond the period of 31.08.2010 under Section 38H of the Wild Life (Protection) Act, 1972 - Regarding.

Sir,

Reference is invited to your application No. 1493/92/A-6 dated 09.07.2010 seeking renewal of recognition for the Nehru Zoological Park, Hyderabad beyond the period of 31.08.2010 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Nehru Zoological Park, Hyderabad was carried out by Sh. P. C. Tyagi and Dr. M. G. Jayathangaraj on 22 & 23.06.2011. The evaluation report of the Nehru Zoological Park, Hyderabad as submitted by the evaluating officers was considered by the Technical Committee in its 59th Meeting held on 20th September, 2011.

The Central Zoo Authority has decided to grant of recognition to Nehru Zoological Park, Hyderabad as a Large Category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 31st October, 2016 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009 and mid-term evaluation of the zoo:-

S. No.	Norm No.	Condition Stipulated	Time Period to Comply
1. General requirements			
1.	1	The primate species exhibited are not existing in viable social groups. Efforts should be made to acquire animals under exchange programme from other zoos.	One year
2.	3	At present in the primate enclosure the visitors are allowed to view the animals from all side of the enclosure and this disturbs the animals. The viewing area should be limited to one side only.	One year

		There is a lake situated outside the zoo from which the excess water enters and flows into the zoo which is likely to enter the moats of the zoo. Water should be tested for any contaminated substance and steps taken to treat the water before using.	With immediate effect
4.	9	The zoo has 10 domestic Geese housed in the aviary. These domestic Geese should be removed from the zoo as per CZA guidelines.	With immediate effect
4. Animal housing, display of animals and animal enclosures			
5.	2	Feeding kraals are to be provided to enclosures of Nilgai and Blackbuck.	Six months
6.	6	The primate enclosures are located very close to each other and three primate enclosures are very small without any withdrawal area and animal feeding retiring cell. Enclosure may be redesigned by grouping two enclosure and enhancing the area and enrichment of the enclosure.	One year
7.	7	Spotted deer enclosure is adjacent to the Tiger enclosure and this causes undue stress to the animals. Spotted deer may be shifted to another enclosure where already Spotted deers are kept.	Six months
8.	9	The standoff barriers are small, damaged and does not serve the purpose of effective barrier. The barriers need to be redesigned and reconstructed. Additional warning boards should be installed.	Six months
5. Upkeep and healthcare of animals			
9.	4	The free ranging Spotted deer (about 100 in no.) in the zoo premises should be translocated to other wilderness areas after proper screening and population control measures should be initiated.	One year
10.	9	All staff involved with upkeep and healthcare of animals should be screened against zoonotic diseases once every year.	With immediate effect
6. Veterinary and infrastructure facilities			
11.	1	(i) Veterinary hospital should be supplied with important drugs viz. Telazol, Doxapram Hydrochloride etc. and diagnostic equipment like non contact infrared thermometer and portable ultra scanner. (ii) Post-mortem needs exhaust fan, storage rack to place cover cells, gloves, treys and gadgets to be used during the post-mortem of wild animals.	With immediate effect With immediate effect

12.	5	Veterinary unit does not have a compounder. Action should be taken to fill up two posts in this cadre.	One year
8. Euthanasia of the animals			
13.	1 & 4	The zoo has several single animals. Efforts should be made to acquire mate within six months otherwise the animals should be exchanged or transferred or located to other zoos.	One year
12. Visitors facilities			
14.	3	The zoo should acquire wheel chair in sufficient numbers to give to physically disadvantaged people visiting the zoo.	Six months

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

Grant of recognition to Nehru Zoological Park, Hyderabad beyond 31st October, 2016 as "a Large Category zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Nehru Zoological Park, Hyderabad 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,

(B. S. Bonal)

Member Secretary

Copy to:-

1. The Chief Wildlife Warden, Government of Andhra Pradesh, Hyderabad for favour of information and with a request that the stipulated conditions may be got implemented.
2. The Curator, Nehru Zoological Park, Hyderabad.
3. Mr. Vivek Goel, DPA, CZA.



केन्द्रीय चिडियाघर प्राधिकरण

Central Zoo Authority

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

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

By REGISTERED POST

F. No. 19-40/92-CZA(11)(Vol.IV)

DATE: 28.08.2007

To

Director,
Nehru Zoological Park,
Hyderabad.
(Andhra Pradesh)

Sub:- Renewal of Recognition to the Nehru Zoological Park, Hyderabad under Section 38H of the Wild Life (Protection) Act beyond the period of 30.09.2006 - Regarding.

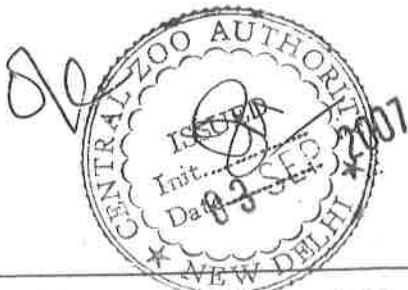
Sir,

Reference is invited to your letter No. 1493/92/A6 dated 09.06.2006 seeking renewal of recognition for the Nehru Zoological Park, Hyderabad beyond 30.09.2006 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation report of the Nehru Zoological Park, Hyderabad as submitted by the evaluating team comprising of Shri S. Subbarayalu and Dr. Mathew C. John, was considered by the Technical Committee in its meeting held on 16.7.2007.

On the recommendations of the Committee, it has been decided to grant renewal of recognition to the Nehru Zoological Park, Hyderabad under Section 38H (3) of the Wild Life (Protection) Act for a period up to 31.08.2010 subject to following conditions:-

Contd.....2



S. No.	Relevant Norm No.	Conditions
Animal Enclosures - Design, Dimensions and other essential features		
1.	16	<p>a. The aviaries at the zoo should be provided with sufficient soil substrate, instead providing them the pucca floor.</p> <p>b. The Pheasant enclosure should be provided with shell grits and cuttle fish shall be hanged suitably inside the enclosure as a calcium source.</p>
Veterinary facilities		
2.	31	<p>a. The quarantine and isolation wards should be constructed to take care of newly arriving animals and sick animals at the zoos as to minimize the chances of infectious spreading to other animals of zoos.</p> <p>b. The diagnostic facility at the zoo should acquire electric sterilizer, autoclave, big pressure cooker for sterilizing the equipments.</p>
Breeding of animals		
3.	37	All single animals housed at the *zoo should be provided appropriate mate within a period of 31 st March, 2008, failure to which all single endangered animals should be shifted in consultation with the Central Zoo Authority to recognized zoos.
4.	40	The zoo has large population of free ranging spotted deer within the campus. Appropriate population control measures should be taken as well as efforts should to made top translocate these animals to other wilderness areas in the State.
Education and Research		
5.	45	The zoo should provide in every animal enclosure a sign board displaying scientific and ecological information regarding the animals exhibited in it.
Visitor facilities		
6.	49	First aid equipments including anti-venom should be readily made available in the premises of the zoo.
7.	50	Appropriately designed visitors sheds which merge with the overall environment of the entrance plaza should be provided near the ticket counters.

Development and Planning		
8.	51	A master plan (including a layout plan) for development of the Nehru Zoological Park, Hyderabad shall be prepared and submitted to the Central Zoo Authority by 31 st March, 2008 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.

Other recommendations:

1. The Central Zoo Authority had provided funds to the zoos to install close circuit television to monitor the security and safety of the endangered animals, particularly the tigers. It is learnt that the system is gone out of order; the same should be made functional immediately.

2. The foot bath with the disinfectant provided at the entrance of the gate should be made little deeper for the tyres of the vehicles get a dip. Necessary slope should be given for the foot bath tank, so that excess disinfectant mixed water will run back to the tank to maintain the level of the disinfectant bath.

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

Grant of recognition to Nehru Zoological Pak, Hyderabad beyond 31.08.2010 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 Nehru Zoological Pak, Hyderabad 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 issue with the approval of the Competent Authority.

Yours faithfully,
For Member Secretary
Sd/-
(Brij Kishor Gupta)
Scientific Officer

Copy to:-

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


(Brij Kishor Gupta)
Scientific Officer

Central Zoo Authority
ESTABLISHED BY AN ACT OF PARLIAMENT UNDER THE MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA

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

REGISTERED POST

F.No. 19-40/92-CZA(11)(Vol.III)(M)

DATE: 14.9.2004

To

The Curator,
Nehru Zoological Park,
Hyderabad.

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

Sir,

Reference is invited to your letter No. 1493/A6/92 dated 25.4.2003 seeking renewal of recognition for the Nehru Zoological Park, Hyderabad beyond 31.5.2003 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation report of the Nehru Zoological Park, Hyderabad as submitted by the evaluating team comprising of Shri S. Subbarayalu and Dr. Mathew C. John, was considered by the Technical Committee in its meeting held on 7.7.2004.

On the recommendations of the Committee, it has been decided to grant renewal of recognition to the Nehru Zoological Park, Hyderabad under Section 38H (3) of the Wild Life (Protection) Act for a period up to 30.9.2006 subject to following conditions:-

S. No.	Relevant Norm No.	Conditions
General		
1.	11A	The zoo should prepare a collection plan of animals to be housed and displayed.
Administrative and Staffing Pattern		
2.	13	The zoo should post an official with a Masters degree in Wildlife Science/Zoology as a full time Curator, solely responsible for looking after the upkeep of animals and maintenance of animal enclosures.
Animal Enclosures - Design, Dimensions and other essential features		
3.	16(i)	Appropriate measures should be taken by the zoo authorities to prevent seeping of contaminated water from the sewerage system into the moats of animal enclosures.

4.	17 (i)	Appropriately designed large naturalistic enclosure should be provided for peafowl.
5.	16 (ii)	A bathing tank at a suitable place should be provided in the elephant enclosure.
6.	18	Appropriately designed feeding cell/retiring cubicle as per the prescribed dimension under the Rules should be provided for lions in the safari.
Hygiene, feeding and upkeep		
7.	21 (i)	The feed store, distribution centre and cooking places should be made rodent proof.
8.	21 (ii)	The gunny bags used for storage of dry ration should be kept on elevated platform to prevent moisture absorption.
9.	22	The cattle dung being purchased by the zoo for operation of Gobar Gas Plant should be stopped.
10.	24	The leakage in the water tanks and the distribution pipes to various animal enclosures should be rectified.
11.	25	All vehicles entering the zoo campus should be properly disinfected by using appropriate mechanism.
Veterinary facilities		
12.	31 (i)	A UV sterilization lamp should be provided in the operation theatre.
13.	31 (ii)	A glass fronted instrument cabinet should be provided in the operation theatre for keeping surgical equipments.
14.	31 (iii)	The existing operation theatre is poorly ventilated and an air conditioner should be provided.
15.	31 (iv)	A binocular microscope should be procured for laboratory use.
16.	34 (i)	Glazed tiling of walls and proper flooring should be provided in the post-mortem room. A rectangular wash basin should be provided. The postmortem room should be made fly proof and if possible glass tiles at strategic points on roof should be provided to allow natural light.
17.	34 (ii)	A toilet with bathing facility should be provided adjacent to the postmortem room for use of the staff engaged in postmortem of animals.
Breeding of animals		
18.	40	The zoo has large population of free ranging spotted deer within the campus. Appropriate measures should be taken to translocate these animals to other wilderness areas in the State.
Education and Research		
19.	45	The zoo should provide in every animal enclosure a sign board displaying scientific and ecological information regarding the animals exhibited in it.
Visitor facilities		
20.	50	Appropriately designed visitors sheds which merge with the overall environment of the entrance plaza should be provided near the ticket counters.

Development and Planning

21.	53	The zoo should prepare a long-term master plan for its future development, and a copy of this plan should also be submitted to the Central Zoo Authority.
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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 30.9.2006 would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

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

Copy to:-

1. The Chief Wildlife Warden, Government of Andhra Pradesh with a request that the stipulated conditions may be got implemented within the given time frame.
2. The Secretary Forests, Government of Andhra Pradesh for favour of Information.
3. The Registrar, CZA.
4. The D.P.A., CZA
5. The Scientific Officer, CZA

(B. R. Sharma)
Member Secretary

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