

**Computer No. 146946  
Government of India  
Ministry of Environment, Forest and Climate Change  
CENTRAL ZOO AUTHORITY**

B-1 Wing, 6<sup>th</sup> 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 **08/02/2021**

To  
The Chief Wildlife Warden,  
Department of Forests Environment and Climate Change,  
Van Bhawan, Doranda, Ranchi, Jharkhand – 834 002,  
E-mail: pccf-wildlife@gov.in

**Subject: Renewal of recognition of the Jawaharlal Nehru Biological Park, Bokaro, Jharkhand, 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 August 25, 2020
2. This Office letter F.No.21-2/2019-CZA(AK)/2047/2020 dated January 6, 2020
3. This Office letter F.No.19-14/92-CZA(44)(Vol-IV)(CZA)(BKS)/705/2017 dated March 30, 2017
4. Application vide letter No.TA/D/BP/508 dated January 3, 2020 from the General Manager (TA-Hort), Bokaro Steel Plant

Sir,

With reference to above, the undersigned is directed to inform that recognition of the Jawaharlal Nehru Biological Park, Bokaro under Section 38-H of the Wild Life (Protection) Act, 1972, was valid till March 21, 2020. Application dated January 3, 2020 received in this office for renewal of recognition. Dr. Jagdish Kishwan, IFS (Retired) and Dr. A. K. Sharma, evaluating officers deputed by this office have evaluated the zoo on February 13 and 14, 2020. Copy of the Evaluation Report is enclosed herewith for your perusal and needful action.

2. Evaluation Report of the Jawaharlal Nehru Biological Park, Bokaro was placed before the Technical Committee in its 96<sup>th</sup> Meeting held on July 30, 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 August 25, 2020 regarding renewal of recognition of the zoo. Subsequently, the Central Zoo Authority, in its 37<sup>th</sup> Meeting held on December 7, 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 March 21, 2020 and renewed recognition of the Jawaharlal Nehru Biological Park, Bokaro as a Medium Zoo for a period up to **August 19, 2022** 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
<b>1. General requirements:</b>			
1	10.1(8)	The lone tigress is very weak and with docked tail and hence should not be displayed to the visitors.	Immediately
<b>2. Administrative and staffing pattern:</b>			
2	10.2(1)	No whole-time in-charge with power to take decision and ensuring financial resources. "Whole time in-charge" of the zoo should be appointed in compliance with the Recognition of Rules, 2009.	Immediately
3	10.2(2)	Trained scientific and technical staff as per norms prescribed for a medium zoo should be appointed.	One year
4	10.2(2)	It is not advisable to post the non-technical staff (Crane Operator / Senior Operatives) in the zoo for animal keeping and should be posted out of the zoo forthwith. Till such time, they are not posted out, they should not be allowed to handle any sensitive tasks related to the health, hygiene and feeding of the zoo animals.	Three months
<b>4. Animal housing, display of animals and animal enclosures:</b>			
5	10.4(3)	Night shelters or feeding cells should be made rodent and snake proof. Gaps between the wall and door of Kraal as well as fence and floor in carnivores' cells should be reduced to avoid accidental attack by the animals on keepers.	Six months
6	10.4(9)	Some of the stand-off barriers are broken and badly rusted. These need to be immediately replaced. Some large hoardings are in dilapidated condition and not readable. Same should be replaced and also source of information may be mentioned.	One month
7	10.4(10)	Adequate number of signages with precise information and effective conservation message should be installed.	Six months
8	10.4(10)	An old building has been designated as interpretation centre but non-functional in want of staff and facility. Interpretation Centre should be started on priority with appointment of an Information Officer.	One year
<b>5. Upkeep and healthcare of animals:</b>			
9	10.9(4)	Several animals are single such as lioness, tigress, Hippopotamus and Himalayan bear. These should either be paired or translocated to some other zoos with prior approval of the CZA.	One year
10	10.5(2)	Large cats are given goat meat instead of ideal buffalo meat. Necessary permission should be obtained from District authority to get buffalo meat and in consultation with the <u>Bhagwan Birsa Biological Park, Ranchi</u> .	Three months
11	10.5(2)	Periodically, random samples from feed and fodder are not sent to laboratory analysis for toxicological assessment. Similarly, meat samples are not sent for microbiological tests. This practice is essential for keeping quality check on feed and meat being supplied in zoo, and should be introduced in the zoo.	Six months
12	10.5(3)	Leftover meat should be collected timely and disposed of by burning. The leftover greens may be used for composting in pit away from animal houses.	Immediately

Sl.	Norm No. under RZR	Condition	Time period to comply
<b>6. Veterinary and infrastructure facilities:</b>			
13	10.6(6)	The staff should be deputed to zoos identified as centres of excellence and eminent institutions and organizations working in the field of wild animal healthcare for formal training to enhance their technical skill.	Six months
14	10.6(5)	The Lab Assistant and the Stockman / Compounder should be appointed in the zoo.	Six months
<b>7. Post-mortem and disposal of carcasses of animals:</b>			
15	10.7(4)	Post-mortem room should have better drainage, light and water facility. There should be cabin to store disinfectants, protective coverings, PM kit, sample collection bottles, etc., and footbath at the exist of PM hall. There should be provision of treating liquid waste before releasing to drainage. Adjacent to PM room, there should be carcasses disposal facility (oil-fired incinerator) of adequate capacity and conforming to CPCB norms.	Six months
<b>12. Visitors' facilities:</b>			
16	10.12(2)	Lifesaving emergency veterinary drugs should be available all times in zoo hospital.	Immediately

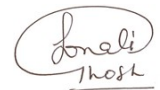
5. A compliance report to the Central Zoo Authority on implementation of the aforesaid conditions shall be submitted by the zoo within three months of issue of this letter followed by half-yearly report.

6. The renewal of recognition of the Jawaharlal Nehru Biological Park, Bokaro for period beyond August 19, 2022 as a Medium 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 Jawaharlal Nehru Biological Park, Bokaro 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 Chairman, Steel Authority of India Limited, Ispat Bhawan, Lodhi Road, New Delhi- 110 003, E-mail: chairman.sail@sail.in [Zoo Operator of the Jawaharlal Nehru Biological Park, Bokaro, under Rule 2(m)(II) of the Recognition of Zoo Rules, 2009]
2. The Member Secretary, Jharkhand Zoo Authority, Premises of the Bhagwan Birsa Biological Park, Chakla, Ormanjhi, Ranchi – 835 219, E-mail: jharkhandzooauthority@gmail.com
3. The Director in-charge, SAIL – Bokaro Steel Plant, Bokaro Steel City – 827 001, Jharkhand, E-mail: ceo.bsl@sailbsl.in
4. The General Manager (TA-Hort), SAIL - Bokaro Steel Plant, Bokaro Steel City – 827 001, Jharkhand, E-mail: jnbparkbokaro@gmail.com
5. The DPA, O/o CZA – to update database and to upload on official website of the CZA.

**sd/-  
(Sonali Ghosh)  
Dy Inspector General Of Forest**



भारतीय पशु चिकित्सा संस्थान  
Central Zoo Authority  
भारतीय पशु चिकित्सा संस्थान

BY EMAIL & BY POST

By Post/Email

F. No. 19-14/92-CZA(44) (Vol. IV)(CZA)(BKS) / 705/20/7

Date: 30.03.2017

To,

General Manager (TA)  
Bokaro Steel Plant  
Bokaro Steel City  
Bokaro 827001

**Subject: Renewal of recognition as per the provisions of Section 38H of the Wildlife (Protection) Act, 1972 of the Jawaharlal Nehru Biological Park, Bokaro Steel City, Bokaro, Jharkhand for period beyond 31<sup>st</sup> December, 2016 - regarding**

**Reference:-**

1. Your application vide letter No. TA/D/BP/1008 dated 06.09.2016

Sir,

Reference is invited to above cited correspondence. It is to inform that the evaluation of the Jawaharlal Nehru Biological Park, Bokaro Steel City, Bokaro, Jharkhand was carried out by Dr. Brij Kishor Gupta, Evaluation and Monitoring Officer, Central Zoo Authority, Jamshedpur on 23<sup>rd</sup> February, 2017. The evaluation report of the Jawaharlal Nehru Biological Park, Bokaro Steel City, Bokaro, Jharkhand, as submitted by the evaluating officer was considered by the Technical Committee in its 82<sup>nd</sup> Meeting held on 22<sup>nd</sup> March, 2017. Copy of evaluation report is enclosed with this letter for your perusal.

The Technical Committee of the Central Zoo Authority has decided to grant conditional renewal of recognition for a period of two years. The renewal of recognition of the Jawaharlal Nehru Biological Park, Bokaro Steel City, Bokaro, Jharkhand as a "Medium category zoo" under provisions of Section 38H of the Wild Life (Protection) Act, 1972 is for a period up to 21<sup>st</sup> March, 2020 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.	Violation of Recognition of Zoo Rules, 2009	Time period to rectify
<b>1.General requirements</b>			
1	10.1(5)	The zoo should have <i>pucca</i> boundary wall of minimum 2 mts high on both sides to control intruders entering into the zoo on north-west side near Sector-9 of park. The zoo may adopt placing concertina wire on boundary wall along with CCTV cameras for the safety of visitor and animals and may deploy security guards.	Six months

Contd.....

B-1 Wing, 6<sup>th</sup> 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

Handwritten signature and date: 31/3/17

2	10.1(9)	Failed to prevent breach of boundary wall by feral cattle and dogs and entry in to the zoo due to damaged boundary wall and unauthorized construction outside boundary wall	With immediate effect
3	10.1(9)	Housed Domestic pigeons and Guinea fowls. They should be removed from the zoo.	With immediate effect
<b>2. Administration and staffing pattern</b>			
3	10.2(1)	Failed to appoint 'Whole time in-charge' for the zoo. The zoo should have full time Director/Officer-in-charge of the zoo with adequate administrative and financial powers. The designation of the present in-charge so called Assistant General Manager (Town Administration & Horticulture) should be changed accordingly.	Six months
4	10.2(2)	The zoo should appoint Veterinary Officer, Curator and laboratory assistant as mandatory under Recognition of Zoo Rules, 2009.	One year
<b>3. Development and Planning</b>			
5	10.3(7)	Failed to construct Isolation and Quarantine area.	Six months
6	10.5(10)	All keepers in the zoo should write the Keepers Diary in the format as prescribed by the CZA and submit the same to their senior.	With immediate effect
<b>1. Animal housing, display of animals and animal enclosures</b>			
7	10.4(2)	The enclosure housing the Rhesus macaques does not meet the minimum requirement with respect to its area and feeding & retiring cells as prescribed by the CZA. The zoo should modify the same, providing the enclosure with the area as prescribed by CZA. Prior approval of the design should have also got approved from CZA.	Six months
<b>6. Veterinary and Infrastructure facilities</b>			
8	10.6(1)	The zoo hospital should have all basic diagnostic facilities, comprehensive range of drugs, operation theatre and in-patient wards.	Three months
<b>9. Acquisition and breeding of Animals</b>			
9	10.9(4)	The zoo has been housing single Hippo, Lion and White tiger. They should be paired within six months.	Six months
10	10.9(8)	Failed to maintain Individual Animal History card for animals and the Herd Sheet for Herbivores.	With immediate effect

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it is to inform that other conditions based on recommendations by the evaluating officers are as follows:

S.No.	Norm No.	Observation / recommendations of the evaluating officer/s	Time Required to Comply
<b>1.General requirements</b>			
2	10.1(7)	The excess leaf litter generated in the zoo should not be burnt inside the zoo. It may be used for vermi-compost.	With immediate effect
<b>3.Development and Planning</b>			
4	10.3(4)	The viewing area for visitors in herbivore enclosures should not be more than 30% of the total area.	With immediate effect
<b>4.Animalhousing, display of animals and animal enclosures</b>			
5	10.4(1)	The iron angle and GI pipes provided as perch in all the aviaries should be replaced by wooden logs or bamboo.	One month
6	10.4(10)	The signage opposite to the aviary should be removed as it disturbs the birds housed therein.	One month
7	10.4(1)	The aquarium housing various species of turtles along with exotic fishes and without providing any areas for bask should be removed and should be provided with appropriate housing.	With immediate effect
8	10.4(3)	The electric poles with covered wiring and open switch boxes were seen. The same should be got repaired.	With immediate effect
9	10.4(3)	The broken chain-link mesh at Blackbuck enclosure due to falling of tree should be repaired. It should have been addressed promptly by zoo authorities.	With immediate effect
10	10.4(3)	The zoo should trim trees adjacent to boundary wall on both sides for the safety and security of animals.	With immediate effect
11	10.4(3)	Visitors' pathway in front of animal house of Leopard should be blocked.	One month
12	10.4(3)	All animal houses, particularly of those of large and small carnivores should be locked.	One month
13	10.4(2)	The kraal of lion should be of at least 100 sq mts in size. At present all kraals of large carnivores are accessible to visitors which should not be allowed, by diverting the visitor path. The kraals should be screened by planting trees.	One mont

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14	10.4(10)	Signage inside the zoo needs improvement. They should contain biological information of the species housed therein.	With immediate effect
15	10.4(2)	The water trough in White tiger enclosure should be saucer shaped.	One month
16	10.4(3)	The zoo should not use Phenolic disinfectant	With immediate effect
17	10.4(9)	The zoo should plant green hedge between the stand-off barrier and parapet wall. The stand-off barrier provided at Sambar and Hippo enclosures needs immediate repair	With immediate effect
18	10.4(1)	The metal structure lying inside the Himalayan black bear enclosure should be replaced by wooden natural artefacts.	With immediate effect
<b>5.Upkeep and healthcare of animals</b>			
19	10.5(2)	The animal feed store should be rodent proof.	One month
20	10.5(3)	The cooking of food for Sloth bear and other animals should be done in the kitchen area rather cooking next to the animal exhibit.	With immediate effect
<b>9. Acquisition and breeding of Animals</b>			
21	10.9(8)	Individual Animal History card for animals should be maintained. For the herbivores, the herd sheet should be maintained.	With immediate effect
<b>12.Visitors' facilities</b>			
22	10.12.(2)	The zoo should keep anti snake venom at zoo.	With immediate effect
23	10.12(3)	The zoo should make arrangements for providing access to the handicapped persons (Divyang) for viewing wild animals at various animal enclosures.	Six months

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 Jawaharlal Nehru Biological Park, Bokaro Steel City, Bokaro, Jharkhand for period beyond 21<sup>st</sup> March, 2020 as a "Medium category zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the Zoo.

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The recognition of the Jawaharlal Nehru Biological Park, Bokaro Steel City, Bokaro, Jharkhand 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**

**Enclosed –As above**

**Copy to:**

1. The Chief Wildlife Warden, Government of Jharkhand, AT Doranda, PO: Doranda, Ranchi- 834 002 (Jharkhand) [pccfwljharkhand@gmail.com](mailto:pccfwljharkhand@gmail.com) - for information and with a request that the conditions stipulated may be got implemented.
2. Dr. G. Chakraborty, AGM(TA- Horti) cum Officer-in-charge, Jawaharlal Nehru Biological Park, Bokaro 827 001 Emai: [bsp.la@rmo.sril.in](mailto:bsp.la@rmo.sril.in); [gc.jnbpark@gmail.com](mailto:gc.jnbpark@gmail.com) - for information and with a request that the conditions stipulated may be got implemented.
3. DPA, CZA – to update database





GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS  
**Central Zoo Authority**

बर्हो हे हरियाली !  
बर्हो हे सुराहाली !

**THROUGH REGISTERED POST**

F. No. 19-14/92-CZA(44)(Vol. IV)(M) /1956

DATE: 31.12.2012

1 JAN 2013

To

The Deputy General Manager  
& In-charge  
Jawaharlal Nehru Biological Park,  
Sector - IV,  
Bokaro Steel City - 827 004 (Jharkhand).

**Sub:- Renewal of recognition to Jawaharlal Nehru Biological Park, Bokaro beyond the period of 28<sup>th</sup> February 2013 under Section 38H of the Wild Life (Protection) Act, 1972.**

Sir,

The evaluation of the Jawaharlal Nehru Zoological Park, Bokaro was carried out by Sh. S. K. Patnaik on 2<sup>nd</sup> - 3<sup>rd</sup> November 2012. The evaluation report of the Jawaharlal Nehru Biological Park, Bokaro as submitted by the evaluating officer was considered by the Technical Committee in its 63<sup>rd</sup> Meeting held on 5<sup>th</sup> December 2012.

The Central Zoo Authority has decided to grant of recognition to Jawaharlal Nehru Zoological Park, Bokaro as "Small Category Zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 31<sup>st</sup> December 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
<b>1. General Conditions</b>			
1.	1	The Tigers and Hippo are single animals which are of one sex only and need be immediately paired.	Within six months
<b>2. Administrative and Staffing Pattern</b>			
2.	1	Adequate financial power should be given to the Director to handling emergencies and maintenance irrespective of his rank or cadre in BSL.	Within six months
3.	2	The BSL is considering creating post of Biologist/ Education Officer and Curator. This should be done without further delay.	Within three months

*[Handwritten signature and date 11/1/13]*



#### 4. Animal housing and display of animals

4.	2	<p>Two large concrete aprons have been provided for Leopard to climb on to the parapet.</p> <p>They should be demolished and suitable landscaping anomic caves and boulders using the waste material inside the zoo. Bamboo planting should also be done inside the arena.</p> <p>The primate enclosures should be redesign so that they look naturalistic and species.</p>	Within three months
5.	6	Environment enrichment is generally lacking and need immediate attention.	Within six months
6.	7	At present Chital, Blackbuck, Nilgai, Sambar & Emu do not have any screening between them. And they should separate with adequate vegetation.	Within one year
7.	9	The visitors are often seen the animals, Leopard and Tiger enclosures in the kraals and the feeding chemicals. This should not be allowed and the area should be cleaned with adequate vetegation.	Within six months
<b>5. Upkeep and Healthcare of animals</b>			
8.	1 (g)	There is no footpath with disinfectant at the entrance to the animals houses. They should be provided immediately.	Within six months
9.	1.3	A new deep freezer should be procured as it appears to be obsolete.	Within six months
10.		<p>The zoo does not have a proper meat house at present. A meat house should be erected at the place where meat is being supplied at present</p> <p>Glaze tiled floor and walls weight machine, deep freezer with proper drainage facilities. Here they can store all equipment including gum boots, overall and gloves for preventing contribution.</p> <p>There should be footpath at the entrance to the meat house immediately.</p>	Within one year
11.	5.3	The zoo should have MoU or other arrangement with State Veterinary Department and nearby Veterinary College	Within one year

purpose of diagnostic facility and expert advice etc.

**6. Veterinary and infrastructure facilities**

12.	6.1	The present veterinary facility is too far away and unsafe and not in use a new facility at a proper location should be constructed. Most of the equipment are in the office premises and they should be shifted to the new bundling and properly used for the purpose.	Within two years
13.	6.3	Zoo does not have any compounder or laboratory assistant. This is essential it should be created and filled up.	Within three months
<b>12. Visitors facilities</b>			
14.	12.1	Wheel chairs, ramps and toilets for physically disadvantage persons should be made available without loss of time.	Within six months

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

Grant of recognition to Jawaharlal Nehru Biological Park, Bokaro beyond 31<sup>st</sup> December 2016 as "a Small Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Jawaharlal Nehru Biological Park, Bokaro 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 Jharkhand, Ranchi. for favour of information and with a request that the stipulated conditions may be got implemented.
2. The General Manager, Bokaro Steel City, Bokaro.
3. Mr. Vivek Goel, DPA, CZA.

  
(B. S. Bonal)

Member Secretary



# केन्द्रीय चिड़ियाघर प्राधिकरण Central Zoo Authority

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

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

**THROUGH REGISTERED POST**

F. No. 19-14/92-CZA(44)(Vol. IV)(M)

DATE: 26.02.2010

To

The Deputy General Manager I/c (T.E.)  
Jawaharlal Nehru Biological Park,  
Sector-IV,  
Bokaro Steel City -- 827 004 (Jharkhand).

**Sub:- Grant of renewal of recognition to the Jawaharlal Nehru Biological Park, Bokaro beyond the period of 30.09.2008 under Section 38H of the Wild Life (Protection) Act, 1972 - Regarding.**

Sir,

Reference is invited to your office letter No. TA/D/BP/08/632 dated 12.08.2009 seeking grant of renewal of recognition to the Jawaharlal Nehru Biological Park, Bokaro beyond the period of 30.09.2008 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Jawaharlal Nehru Biological Park, Bokaro was carried out on 17.08.2009 by Dr. Ajit Pattnaik, Chief Executive, Chilka Development Authority, Bhubaneswar and Dr. P. K. Roy, Sr. Veterinary Officer, Nandankanan Biological Park, Bhubaneswar. The evaluation report submitted by the evaluating officers was considered by the Technical Committee in its 52<sup>nd</sup> Meeting held on 20<sup>th</sup> January, 2010.

The Central Zoo Authority has decided to grant of renewal of recognition to the Jawaharlal Nehru Biological Park, Bokaro as a small category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 28<sup>th</sup> February, 2013 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009:-

S. No.	Relevant Schedule No.	Conditions	Time Period to comply the conditions
<b>3. Development and Planning</b>			
1.	3 (1)	The zoo should submit three copies of the revised Master Plan for its approval from the Central Zoo Authority.	Immediately

Ac  
28/2/10

**4. Animal housing, display of animals and animal enclosures**

2.	1 (2)	<p>(i) The Gharial and Mugger enclosures are too cramped. There is no basking place for the Gharial. Steps should be taken to build the Gharial and Mugger enclosure of appropriate dimension with adequate space for basking</p> <p>(ii) It is recommended that a nocturnal house for the Civets should be constructed.</p> <p>(iii) It is recommended that proper hide-out for striped Hyena is provided.</p> <p>(iv) It is proposed that a water bird aviary for housing the Pelicans is constructed as the present enclosure is too cramped.</p> <p>(v) It is also recommended that a Reptile house is constructed with appropriate design to house the Python.</p>	With immediate effect
3.	4 (3)	The Tiger enclosure should be designed ensuring safety and security of the animals, animal keepers and the visitors and should have a requisite space for free movement, exercise and expression of the natural behaviour by the animals.	One year
4.	4 (9)	The Tiger enclosure should be provided with appropriately designed and effective stand off barrier in a manner to keep the visitors at safe distance from the animals.	Two years
<b>7. Post-mortem and Disposal of carcasses of animals</b>			
5.	7 (4)	The zoo should ensure that the carcasses of the animals, after the post-mortem has been conducted, is disposed off by burring or burning in a manner that does not have adverse impact of hygiene and cleanliness of the zoo.	With immediate effect
<b>9. Acquisition and Breeding of Animals</b>			
6.	9 (9)	<p>(i) The number of Blackbuck is 27 considering the size of the enclosure the density is high. It is recommended that measure should be taken to control the population of the Blackbuck in the zoo. The number should be reduced by adopting population control measures and exchange.</p> <p>(ii) There are 33 Spotted deer, out of which 18 are male and 15 are female. It is recommended that definite steps should be taken to contain the population. As a temporary arrangement the Male and Female may be separated by partitioning the enclosure.</p>	Three months

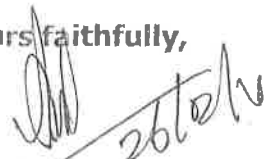


A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition beyond 28<sup>th</sup> February, 2013 to the Jawaharlal Nehru Biological Park, Bokaro as a 'small category zoo' would be considered on the basis of compliance of the conditions stated above, general performance and physical evaluation of the zoo.

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

**Yours faithfully,**



**(B. S. Bonal)**

**Member Secretary**

Copy for favour of information & necessary action to:-

1. The Chief Wildlife Warden, Government of Jharkhand, Ranchi.
2. The General Manager, Steel Authority of India Limited, Bokaro.
3. DPA, CZA.

