

**Computer No. 147059**  
**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: +911124367846/51/52  
cza@nic.in  
Date: 29-05-2023

To,

The Chief Wildlife Warden,  
Govt. of West Bengal,  
North Block-3rd Floor,  
Vikas Bhawan, Salt Lake City,  
Kolkata-700091, West Bengal  
(Email: wbwildlife@gmail.com)

**Subject:- Renewal of recognition of Marble Palace Zoo, Kolkata, West Bengal under Section 38-H(1),(3)&(4) of the Wild Life (Protection) Act, 1972 for period beyond 19<sup>th</sup> August, 2021- regarding.**

**Reference:**

1. This office letter no. 21-1/2021-CZA, Computer no. 158516 dated 05.04.2022.
  2. Application vide email dated 04.09.2021 from the Director, Marble Palace Zoo, Kolkata for recognition of Marble Palace Zoo, Kolkata.
  3. This office memorandum no. 7-10/2020-CZA(PART-I), dated 25.08.2020.
- Sir/Madam,

With reference to above, I am directed to inform that the recognition of Marble Palace Zoo, Kolkata, West Bengal was accorded up to August 19<sup>th</sup>, 2021 vide reference no. 3 above. The application for the renewal of recognition of Marble Palace Zoo, Kolkata, West Bengal for the period beyond August 19<sup>th</sup>, 2021 was received by this office vide reference no. 2 above.

Sh. V.K. Singh, IFS (Retd.) was deputed by this office to carry out the evaluation of the Marble Palace Zoo, Kolkata, West Bengal vide CZA letter at reference no. 1 above. The zoo was accordingly evaluated on November 12<sup>th</sup> 2022.

The evaluation report (copy enclosed) as submitted by the evaluation officer was deliberated in the 107<sup>th</sup> meeting of the Technical Committee of the Central Zoo Authority held on April 19<sup>th</sup>, 2023. The Technical Committee after detailed deliberations recommended to the Central Zoo Authority for the renewal of recognition of Marble Palace Zoo, Kolkata, West Bengal for a

period of two years and to regularise the period after August 19<sup>th</sup>, 2021, subject to compliance with observation/ recommendation in the table below and mid-term evaluation. The members also recommended that the zoo operator may be directed to submit half-yearly compliance report with respect to observation/ recommendation stipulated while renewal of recognition.

Subsequently, the recommendation of 107<sup>th</sup> Technical Committee Meeting was approved by the Chairperson, Central Zoo Authority. Accordingly, the Central Zoo Authority has regularised the period after August 19<sup>th</sup>, 2021 and renewed the recognition of Marble Palace Zoo, Kolkata, West Bengal for a period up to May 23, 2025 under Section 38-H(1), (3) & (4) of the Wild Life (Protection) Act, 1972. This is subject to the ratification of this decision in the next meeting of the Central Zoo Authority.

Sr. No.	Norm No.	Particulars suggestions/recommendation	Time Period to Comply
<b>1. General Requirements</b>			
1.	10.1(5)&(6)	The zoo should provide an appropriate 2 mts high boundary wall separating the residential area as well as the museum from the zoo.	Six months
	10.1(9)	The zoo management should erect some effective measures to restrict the entry of local as well as feral dogs inside the zoo from the Mosque side.	Immediately
<b>4. Animal housing, display of animals and animal enclosures</b>			
2.	10.4(2)&(5)	Zoo operators should ensure that all enclosures shall be developed as per the guidelines of CZA.	Three months
3.	10.4 (1 to 6)	The partition of the Cheetal enclosure should be removed to make more space for their movement.	Six months
4.	10.4(6)	All enclosures should be enriched with species-specific requirements.	Immediately
<b>6. Veterinary and Infrastructure facilities</b>			
7.	10.6(1)	The zoo should also construct a tile-floored treatment room, feed store, and ventilated post-mortem room and should procure essential drugs.	Immediately
<b>7. Post-mortem and disposal of carcasses of animals</b>			
	10.7(2)	The zoo should maintain original copies of postmortem report of all animals who have died in the zoo in a format as prescribed by the Central Zoo Authority.	Three months
<b>9. Acquisition and breeding of animals</b>			
9.	10.9(1)&(4)	The single Rhesus Macaque should be paired or may be transferred to other recognized zoo.	Immediately

A compliance report to the Central Zoo Authority on implementation of the aforesaid observation/ recommendation shall be submitted by the zoo within three months of issue of this letter. Further, half yearly report regarding progress made in the implementation of the aforesaid conditions should also be submitted to the Central Zoo Authority.

The recognition of Marble Palace Zoo, Kolkata, West Bengal for the period beyond May 23, 2025 would be considered on the basis of compliance of the conditions stated above, mid-term evaluation and general performance of the zoo.

The recognition of Marble Palace Zoo, Kolkata, West Bengal 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 the approval of the competent authority.

**Yours sincerely,**

**Encl: as above**

**(AKANKSHA MAHAJAN)  
DEPUTY INSPECTOR GENERAL**

**Copy for information and necessary action to:**

1. The Principal Secretary to the Government of West Bengal, Department of Forests, Aranya Bhawan, Block LA-10A, Sector - III, Salt lake, Kolkata - 700 106, West Bengal (E-mail: secforest@wb.gov.in) [Zoo Operator of the Marble Palace Zoo, Kolkata, West Bengal under Rule 2(m)(III) of the Recognition of Zoo Rules, 2009]
2. The Member Secretary, West Bengal Zoo Authority, Aranya Bhawan, 7<sup>th</sup> Floor, Block LA-10A, Sector III, Salt Lake City, Kolkata - 700, West Bengal (Email: mswbza@gmail.com, wbzooauthority@yahoo.in).
3. The Director, Marble Palace Zoo, 46, Muktaram Babu Street, Kolkata, West Bengal - 7, (Email: marblepalacezoocalcutta@gmail.com).
4. The DPA, O/o CZA, (E-mail: dpa-cza@nic.in) - to update database and to upload on official website of the CZA.



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. 19-81/93-CZA(316)(PKR)/2901/2018

By Post / E-mail  
Date: 10.04.2018

To,

The Director,  
Marble Palace Zoo,  
46, Muktaram Babu Street,  
Kolkata – 700 007 (West Bengal),  
E-mail: marblepalacezoocalcutta@gmail.com

**Sub:-** Renewal of recognition to the Marble Palace Zoo, Kolkata, West Bengal for period beyond 05.05.2017 under Section 38H(1) of the Wildlife (Protection) Act, 1972 – reg.

**Ref:-**

1. This office letter F. No. 19-81/93-CZA(316)(NS)/924/2016 dated 20.06.2016.
2. Application letter dated 05.04.2017 received from the Director & In-charge, Marble Palace Zoo, Kolkata, West Bengal.
3. This office letter F. No. 19-81/93-CZA(316)(PKR)/2361/2018 dated 17.01.2018.

Sir,

Reference is invited to above cited correspondence. It is to inform that the evaluation of Marble Palace Zoo, Kolkata, West Bengal was carried out by Dr. Brij Kishor Gupta, Evaluation and Monitoring Officer, Central Zoo Authority on 01.02.2018. The evaluation report of the Marble Palace Zoo, Kolkata, West Bengal as submitted by the evaluating officer was considered by the Technical Committee in its 85<sup>th</sup> Meeting held on 23.03.2018. After detailed deliberations, the Technical Committee decided for renewal of recognition of the Marble Palace Zoo, Kolkata, West Bengal for a period of one year. A copy of the evaluation report as submitted by the evaluating officer is enclosed with this letter for your kind perusal and needful action.

The renewal of recognition to the Marble Palace Zoo, Kolkata, West Bengal as a "Mini Category Zoo" as per the provisions of Section 38H(1) of the Wild Life (Protection) Act, 1972 is for a period up to 22.03.2019 subject to the compliance of the following directives under the **Recognition of Zoo Rules (RZR), 2009** and mid-term evaluation of the zoo and to regularise the period after 05.05.2017:-

Sr. No	Norm under RZR, 2009	Particulars of suggestions/recommendation	Time Period to Comply
<b>Classification of Zoos</b>			
1.	9(1)	The Marble Palce Zoo, Kolkata should be developed as "Mini Zoo" instead of existing "Small Zoo", in view of the space constraint. Thus, the Animal Collection should be reduced accordingly.	Immediately
<b>General Requirements</b>			
2.	10(1.6)	The Zoo should provide an appropriate barrier of 2 meter high separating the zoo area from the residential area as well as from museum area.	Six months

Continued....

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 रोड़, नई दिल्ली-110003

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

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

3.	10(1.9)	The zoo should develop effective measures to avoid entry of feral dogs to the zoo.	With immediate effect
<b>Development and Planning</b>			
4.	10(3.1)	The draft Master (Layout) Plan along with the present & proposed Animal Collection Plan was discussed during the visit of Evaluation and Monitoring Officer, CZA on 01.02.2018 with the officer-in-charge of the zoo and the Surveyor/Engineer of the Zoo. Several amendments were suggested. The Officer-in-Charge of the zoo has been asked to submit the amended Master (Layout) Plan along with the Animal Collection Plan of the zoo for the approval of the CZA.	Immediately
<b>Animal housing, display of animals and animal enclosures</b>			
5.	10(4.2)	1. The Zoo Operator should ensure that all animal enclosures shall be developed strictly as per the standards and norms prescribed by the CZA. 2. The animal enclosures should meet the minimum dimension of the each enclosure as prescribed. 3. Prior approval of the CZA for the proposed enclosure design should be obtained before its construction.	With immediate effect
6.	10(4.2)	The additional area available adjoining to the present Spotted deer enclosure should be brought under the Zoo.	With immediate effect
7.	10(4.6)	All enclosures should be enriched with species specific requirements.	With immediate effect
<b>Acquisition and breeding of animals</b>			
8.	10(5.9)	All staff involved with upkeep and health care of zoo animals should be screened against zoonotic diseases once every year and those found positive to any communicable disease shall be provided appropriate treatment till they get cured. The infected employees should be kept away from the animal management section.	With immediate effect With immediate effect
9.	10(5.10)	The zoo should maintain 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. The Individual Animal History Sheet file may also include details on Vaccination and De-worming.	With immediate effect
<b>Veterinary and infrastructure facilities</b>			
10	10(6.1)	The zoo should also construct, a Treatment Room, Animal Feed Store, Post Mortem Room and should procure essential drugs.	With immediate effect
<b>Post-mortem and disposal of carcasses of animals</b>			
11	10(7.1,2 &3)	The zoo should maintain the original copies of post mortem records of all animals which have died at the zoo. Such Post Mortem report for last 6 years should be maintained by the Zoo.	With immediate effect

Continued....


Acquisition and breeding of animals			
12	10(9.1)	The zoo should restrict housing primarily the birds. Further the number of bird species should be reduced. The Rhesus macaque, Common hanuman Langur, Four horned antelope, Budgerigar, Finch and Pigeon should be removed from Animal Collection Plan. They should be phased out from the zoo, by transferring to other recognized zoos in the State or other zoos, with prior approval of the CZA.	Six months
13	10(9.3)	The Zoo should not acquire any new species by any way, till facility for existing animals is fully developed.	With immediate effect
14	10(9.4)	All single animals should be removed from the Zoo, namely: 1. Albino crow 2. Shoveller duck 3. White necked stork 4. Goffins cockatoo 5. Macaw Red & Green	Three months
15	10(9.7)	The excess population of Spotted deer, Barking deer, Rose ringed parakeet and Peafowl should be released in the Protected Areas after screening their health and following IUCN & CZA guidelines or should be shifted to any recognized zoos with prior approval of the CZA.	Six months
Visitors facilities			
16	10(12.2)	The zoo should have first aid facilities including snake anti-venom and life saving drugs, readily available in the zoo premises.	With immediate effect

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 Marble Palace Zoo, Kolkata, West Bengal for period beyond 22.03.2019 as a "Mini Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to Marble Palace Zoo, Kolkata, West Bengal 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 Chief Wildlife Warden, Department of Forests, Government of West Bengal, Bikash Bhawan, North Block, 2<sup>nd</sup> Floor, Salt Lake City, Kolkata – 700 092 (West Bengal), E-mail: wb.wildlife@gmail.com - for information and with a request that the conditions stipulated may be got implemented.
2. The Member Secretary, West Bengal Zoo Authority, 2<sup>nd</sup> Floor, KB – 19, Sector – III, Salt Lake City, Kolkata – 700 098 (West Bengal), E-mail: mswbza@gmail.com – for information.
3. The DPA, CZA – to update database.



*Urgent Pl.*  
*21/12/18*  
*emp*  
*21/12/18*

EVALUATION REPORT OF MARBLE PALACE ZOO, KOLKATA  
 RECOGNITION OF ZOO RULES, 2009

O/o Central Zoo Authority

Diary No.....

Date.....

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

Date of Evaluation: 01.02.2018

Name of the Evaluator : Dr. Brij Kishor Gupta

1	Name of the Zoo	Marble Palace Zoo
2	Name/designation of the officer in-charge of the zoo	Dr.Tapendro Mullick, Director.
	Address:	46, Muktaram Babu Street, Kolkata-700007 West Bengal
	Mobile Phone:	+919830058160
	Email:	marblepalacezoocalcutta@gmail.com
	Website:	None
3	Location and Area of the Zoo (also indicate the distance from the city/town):	46, Muktaram Babu Street, Kolkata-700007 / 9.6acres (north Kolkata, 3km. from Howrah Rly.Stn), Exclusive Zoo area – 6Acres.
	Whether the office of Zoo Director is within campus, if outside, how far?	Yes
4	If the Zoo Director is in-charge of any activity other than the zoo, if yes, please specify.	Yes, other activities relating to Trust.
5	Operator/Agency under whose control the Zoo, and	Raja Rajendro Mullick Bahadur Trust
	Contact person	Dr.Tapendro Mullick
	Address	46, Muktaram Babu Street, Kolkata-700007 West Bengal
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	Raja Rajendro Mullick Bahadur Trust
7	Approximate population of the city where the zoo is located	More than 1.5 crores
8	Year of the Zoo founded	1854
9	Year first opened to public	1854
10	Mission Statement of the Zoo	To be the best Heritage Zoo of India
11	Vision Statement of the Zoo	Awareness to all for conservation of Animals and Birds.
12	The day on which the zoo closed to public	Monday & Thursday
13	Last Recognition valid up to and evaluated by (mention name of the team members)	Upto 05/05/2017 Mr.Bipul Chakrabarty, Director, Tata Steel Zoological Park
14	Whether your zoo is member of WAZA or any other such organizations, if so, provide details	no
15	Officers present during the evaluation	1.Dr.Tapendro Mullick , Director, Marble Palace Zoo. 2..Dr.Shankar Kar (Visiting Vet.) 3. Pradip Dhar.(Curator) 4.Mr.Balaram Koley, Architect and Surveyor.

16	<ul style="list-style-type: none"> <li>Total no. of animals exhibited by the zoo (during the last evaluation &amp; as on the date of evaluation)</li> <li>Species exhibited &amp; numbers</li> </ul>	21/03/2016 225 bird species (51), Mammals species (8), Reptile species(1)	28/02/2017 222 51 08 01	01/02/2018 218 50 07 01											
17	List of Surplus Animals (attach a list)														
18	List of additional facilities available at the zoo like and their entrance fees, if any;														
	1. Nocturnal House	None													
	2. Reptile House	None													
	3. Aquarium	None													
	4. Safari	None													
	5. Boating	None													
	6. Morning Walks	None													
	7. Train Ride	None													
	9. Elephant Ride etc	None													
	10. Others, specify	Marble Palace Museum													
19	No. of visitors (during the current and last three financial year)	2016-17 62000	2015-16 60000	2014-15 53000	2013-14 50000										
20	Budget of the zoo (last three years) (attach separate sheet if required)	2016-17    2015-16    2014-15 Financial assistance from Trust as per requirement.													
21	Revenue earned (last three years)	Admission is free, totally aided by Trust.													
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 Received From CZA</th> <th>Amount Spent With Item Wise Details</th> <th>Savings, any</th> <th>Remarks Utilization if Certificates Pending, if any, Provide Details</th> </tr> </thead> <tbody> <tr> <td colspan="5" style="text-align: center;">No financial Assistance received from the CZA during last three years.</td> </tr> </tbody> </table>				Year	Funds Received From CZA	Amount Spent With Item Wise Details	Savings, any	Remarks Utilization if Certificates Pending, if any, Provide Details	No financial Assistance received from the CZA during last three years.				
Year	Funds Received From CZA	Amount Spent With Item Wise Details	Savings, any	Remarks Utilization if Certificates Pending, if any, Provide Details											
No financial Assistance received from the CZA during last three years.															

## 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)

Sr. No	Norm No.	Condition Stipulated	Time Period to Comply (Voluntary time limit submitted by zoo operator vide e-mail dt. 10.07.2017)	Since when pending	Remarks	
					Status with regard to Compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
<b>1. General Requirements</b>						
	10.1 (1)	The Zoo should adopt population control measures in ungulates	Six months	2017	All the measures taken. No new births. All Male & Female animals are in separate enclosures.	No action has been taken by the Zoo.
	10.1 (1)	Pathways in the Zoo should be maintained naturally.	Would be completed by December 2017	2017	More than 90% pathways have been completed with Street light also.	Complied
	10.1 (1)	Samples should be collected and genetic analysis should be done in case of Parakeets as various species have been housed together.	As facility does not exist in zoo, CZA may arrange for the same.	2017	CZA will arrange or advice the WB Zoo authority.	Not complied
	10.1 (2)	The Zoo through proper landscaping and planting of appropriate species, provide naturalistic environment within the campus to enable the visitors to have communion with nature and get motivated for living in harmony with nature.	With immediate effect	2017	Most of the area of the Zoo has proper landscaping & Planning accordingly to species. Everything will be done by the advice and according to the Master Plan approved by CZA.	Complied
	10.1 (3)	The Zoo should create pathways/ paved paths for smooth visitor circulation. The same should be planned accordingly and got approved along with the layout plan.	One year	2017	Layout plan has been submitted to CZA. Further steps would be taken after this visit of the Officer and accordingly to his advice.	Complied
	10.1 (9)	Effective measures should be	Taken		More or less full	Complied

		adopted by the Zoo management to avoid entry of feral dogs.	measures	2017	proof measures have been taken with the help of KMC dog pound Authority.	
<b>2. Administrative &amp; Staffing pattern</b>						
	10.2 (1)	The Zoo should appoint a 'wholetime in-charge' of the zoo for overseeing day to day operation of the zoo with adequate financial and administrative powers.	Six months	2017	The present Director is now whole time incharge as he has taken voluntary retirement from his medical jobs, as per request from the Board of Trust.	Complied
	10.2 (2)	The Zoo should appoint a full time curator and Biologist cum Education officer to discharge technical functions towards scientific management of animals in the zoo and conservation awareness programmes	One year	2017	On process. Already few interviews have been taken but suitable person could not be found yet.	Not complied
<b>3. Development and Planning</b>						
	10.3 (3)	The Marble Palace Zoo, Kolkata should be developed as Mini Zoo instead of existing 'Small Zoo' in view of the space constraint.	Nil	2017		--
	10.3 (3)	Master (Layout) Plan of the Zoo should be prepared as per guidelines of the CZA and submitted to the Central Zoo Authority for approval. A copy of guidelines provided to the Zoo Director during hearing, as ready reference. Dr. Brij Kishor Gupta, Evaluation and Monitoring Officer, CZA shall visit the Marble Palace Zoo, Kolkata on a convenient date in the month of July, 2017 and carrying capacity of the zoo, to plan the zoo by maintaining heritage and continue operation of the zoo as per standards and norms prescribed by the Central Zoo Authority. Also Dr. Gupta shall provide guidance about signage and in preparation of Master Plan of the zoo.	Shall request the EMO, CZA to come over to Marble Palace Zoo just after the heavy monsoon, because this area is low lying and water logging is common	2017	Layout Plan for the Master Plan has already prepared & sent to CZA. After the visit of Dr. Brij Kishore Gupta, Chief Evaluation and Monitory officer of CZA , it would be done according to his guidance & advice.	The EMO has visited the Zoo on 1 <sup>st</sup> February, 2018 and discussed in details the animal collection plan master (layout) plan with the Zoo Director and Engineer/Architects.

10.3 (6)	From the existing animal collection of the zoo, Rhesus, macaque, Langur, Budgerigar, Finch and Pigeon should be removed, in view of the space constraint	That he has nothing to comment but the other Trustees request to the CZA to exempt Langur. We	2017	Budgerigar ,Finch & Pigeon have been removed.	
		shall make the area of the Langur enclosure in accordance of the area as prescribed by the Central Zoo Authority	2017		Not complied
10.3 (5)	All facilities for captive animals including pucca building like feeding & night shelters shall be remodelled in such a way that they do not compromise the natural landscape, drainage and without affecting the overall cleanliness and hygiene of the palace campus.	Two years	2017	As per advice of Dr. D. N. Singh Member Secretary, the pucca building for feeding & night shelters shall be remodelled as per advice of Dr. Brij Kishore Gupta.	Not complied
10.3 (7)	An isolation and quarantine area for rescued & newly arrived animals should be created as per the guidelines prescribed by CZA. Accordingly, the same should be incorporated in revised master layout plan.	One year	2017	Quarantine area would be made in accordance to the approval of the CZA.	Not complied
10.3 (1&2)	Help of West Bengal Zoo Authority or services of a landscape architect should be obtained to professionally develop the entire zoos campus and Palace giving a heritage feels with message of animal keeping and wildlife conservation to best. Accordingly, the master layout may be revised and submitted for approval.	One year	2017	Service of a landscape Architect has been obtained. Final Master Plan require approval from CZA.Our Architect cum surveyor Mr.B.Koley has directly contacted with Dr.B.K.Gupta and Dr.Gupta has advised him,which the architect is preparing.	--

	10.3 (5)	All facilities for captive animals including pucca building like feeding & night shelters shall be remodelled in such a way that they do not compromise the natural landscape, drainage and without affecting the overall cleanliness and hygiene of the palace campus.	Two years	2017	All facilities for captive animals including pucca building like feeding & night shelters shall be remodelled as per advice of Dr.Brij Kishore Gupta,PhD.	Not complied
	10.3 (6)	The zoo has hardly any space for accommodating new animals over and above its current collection. Therefore, the collection plan should only be of animals, which are available in viable numbers with the zoo, enclosure and the technical competence for their upkeep. Carrying capacity of animal enclosures should be fixed.	Immediately	2017 2017	Would be done accordingly and as per provision of the Master Plan.	During the evaluation of the Zoo, the Zoo Director has been apprised to reduce the number of species and prepare the animal collection plan accordingly for the approval of CZA. The zoo should be de-categorized from small zoo to mini zoo.
<b>4. Animal housing, display of animals and animal enclosures</b>						
	10.4 (2)	As informed by the zoo Director, area of the zoo is 5 acres and part of a complex on an area of 9.5 acres including museum, art gallery, temple and a mosque. It should be planned keeping in view the existing standards and norms laid down in the Recognition of Zoo Rules, 2009, and it should have separate entry / exit.	Before 15 <sup>th</sup> November, 2017	2017	Separate entry and exit has been made	The zoo director has been asked to increase the area of the zoo.

10.4 (6)	Enclosures for animals at the zoo should be enriched as per guidelines of the Central Zoo Authority. A publication in this regard provided to the Zoo Director during the hearing may be used as source of reference.	Publication would be ready within December 2017	2017	As per the guidelines of CZA ,some of the enclosures for animals have been made. The others would be made in accordance to the master plan.	Not complied
10.4 (1 to 6)	The main focus of the zoo should be to provide adequate welfare to all its inmates by providing them optimum space, enriching their enclosures for maximizing natural behaviour which is lacking at present.	One year	2017	On process	--
10.4 (10)	Suitability of the existing facility at the zoo to the species housed is to be furnished in view of the Schedule 4 in Rule 10 under the Recognition of Zoo Rules, 2009	Will be followed accordingly.	2017	Being followed.	--
<b>5. Upkeep and healthcare of animals</b>					
10.5 (2)	Suitably designed platforms should be provided in the feeding store for stacking dry ration.	Six months	2017	Done	Complied
	Stainless Steel drums could be used for storage of choker, gram etc. Exhaust fans should be installed to reduce moisture inside the feed store.		2017		Yet to be complied
10.5 (10)	Records of the zoo should be maintained in format prescribed by the Central Zoo Authority. The blank formats provided during the hearing may be used for the said purpose.	Already started	2017	The formats are being followed.	Yet to be complied
<b>6. Veterinary &amp; Infrastructure facilities</b>					
10.6 (1c)	It was informed by the Zoo Director during hearing that the construction of Treatment Room at the zoo and efforts to procure essential drugs are under process. It should be done on priority in a time bound manner	Shall be completed by the 30 <sup>th</sup> September 2017	2017	Construction of treatment room has been done. Already the work at the new treatment room has started.	Complied
10.6 (3)	Quarantine facility away from animal enclosures should be created at the zoo on priority	Would be completed before 15 <sup>th</sup> November 2017	2017	Quarantine would be made as per Advice and Norms of the CZA.	Yet to be complied
10.6 (6)	The zoo operator should sign an MoU with the local University and students of graduation and post-graduation level should be engaged in dissertation work covering various aspects of zoo management.	One month	2017	The local University has been informed. Already 3 Scholars are working.	Yet to be complied

10.6 (6)	The management of the zoo should enter into an MoU/agreement with the prominent scientific institution for: <ol style="list-style-type: none"> <li>1. Scientific &amp; technical support</li> <li>2. Regular Training of zoo personnel</li> <li>3. Surplus animal population management</li> </ol>	With immediate effect	2017	Regular training of Zoo personnel would be done by W.B.Z.A. They will inform their next training programme.	Not complied
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**7. Post-mortem and disposal of carcasses of animals**

10.7 (1& 2)	The zoo failed to conduct the Post-mortem examination of animals that died in the zoo and to record the same in the format prescribed by the Central Zoo Authority.	With immediate effect	2017	A new post-mortem room has been made away from the other animal enclosures and post-mortem is being done according to CZA norms and being informed to CZA accordingly.	Complied
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10.7 (4)	Post-mortem and carcass disposal of animals should be done in a specified area away from animal enclosures.	Already in practice	2017	Post-mortem & Carcass disposal are being done at a specified area away from other animal enclosures. (Burial ground)	Complied
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**9. Acquisition and breeding of animals**

10.9 (1& 2)	The zoo should infuse new blood in their herbivore population over the years which may lead to inbreeding among spotted deer, barking deer & four horned antelope. Population control measures should be implemented.	With immediate effect	2017	Population measures has been implemented. After the master plan is being done, the Zoo Authority shall try for new blood lines.	Not complied
10.9 (4)	Except Malabar pied hornbill, all other single animals housed in the Marble Palace Zoo should be removed and shifted to other zoos.	Single animals like White necked stork are 20 years old and hence the CZA may reconsider the condition to remove single animals housed in the zoo.	2017	Single animals in this zoo are generally very old and hence CZA may reconsider the condition to remove single animals housed in the zoo.	Not complied

11. Education and outreach activity					
10.11 (1)	The zoo should develop a yearlong educational calendar and initiate activities for educating the visitors on the significance of Wildlife / Bio-diversity conservation & ecosystem services provided by the Animal Kingdom.	With immediate effect	2017	The zoo has taken programme year long for the school students. As many schools are interested, they are being taught the significance of wildlife conservation.	Complied
12. Visitors' facilities					
10.12 (1)	More number of civic facilities like toilets, drinking water points and their access to physically challenged personnel should be provided.	Six months	2017	More toilets have been provided. We have plans for making more.	Complied
10.12 (3)	The proposed kuccha / mud roads or pathways may preferably be paved with paver blocks to make it accessible to disadvantaged visitors / wheel chairs on all weather.	One year		On process . Wheelchairs have already been installed.	Not complied
Rule 11 Maintenance of					
11 (2)	Annual Report on major activities undertaken by the zoo management in past financial year including compliance with each of the directives issued by the Central Zoo Authority should be submitted to the Central Zoo Authority on or before 30 <sup>th</sup> June, as mandatory under Rule 11 (2) of the Recognition of Zoo Rules, 2009	By 30.09.2017	July,2016	Annual Report has already been sent in time to CZA.	Complied

**PART-III**

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

Norm No.	Condition	Detailed status of implementation and enclosure specific recommendation	
		To be filled by the Zoo Director	Comments of the Evaluating Officers
Rule 9. Classification of Zoos			
9.1	The Marble Palce Zoo, Kolkata should be developed as "Mini Zoo" instead of existing "Small Zoo", in view of the space constraint.		Immediately
Rule. 10			
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, Some other measures would also been taken.	--

	b) If not please specify cases where it is violated? * Only in cases where stud books are maintained		
	(c) If any introduction of new blood has been made after last evaluation to increase the genetic viability of animals.	For the introduction of new blood has been assured by some zoo. e.g- The Tata Zoo has agreed to provide new blood lines for spotted deer, but after the approval from the CZA.	Nothing has been done so far
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?	Work is going on, awaiting for the approval of the Master Plan.	
	(b) If not indicate cases of deviation.		
1.3	(a) Whether the movement of visitors in the zoo has been regulated in such a manner that zoo animals are not unduly disturbed?	Yes	Yes, there are very few visitors to zoo.
	(b) Is the zoo closed to visitors at least one day in a week?	Yes	
	(c) Which day?	Monday & Thursday	
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, It has got appropriate wall (3mt) high along the boundary of the Zoo.	Yes
	(b) If not which stretch and its length?		
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	
1.6	(a) Is there residential colony constructed within the zoo premises?	Yes, Only the owners and staffs reside in the Palace compound.	The Zoo shall provide an appropriate barrier of 2 meter high separating the zoo area from the residential area as well as from museum area.
	(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?	No, As the Heritage cages (150years old, with architectural beauty) are scatteredly built, so it is not possible to make a separate wall.	
	(c) Is the entry to the residential colony through the zoo premises?	No. The Staffs use separate entry for their quarters.	

1.7	(a)What are arrangements for managing solid and liquid waste and storm water?	Through Kolkata municipal corporation/ storm water drains .	The zoo should have appropriate arrangement.																									
	(b) Is it adequate?	Yes																										
	(c)What are the short comings?	A portion of the zoo during heavy rain,there is water logging.																										
1.8	(a) Is the zoo displaying sick, injured, infirm and tethered animals to the visitors?	No																										
	(b) If yes, what are the species and each of their number?																											
1.9	a) Is the zoo housing domestic animals within the zoo premises?	No	The zoo should develop effective measures to avoid entry of feral dogs to the zoo.																									
	b) Is there adequate safeguards in place to prevent the entry of domestic livestock, stray animals and pets into the zoo premises?	Yes																										
<b>2. Administrative &amp; Staffing Pattern</b>																												
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?	Dr. T. Mullick is the Director and Officer Incharge, of the Zoo. He is also the Trustee of the Trust Board and has financial and administrative powers.	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:	Only support and the technical help from the veterinarian officer and newly appointed curator Mr.Pradip Dhar. Regarding the Biologist, and Education officer there are plans to recruit for the same.	Yes, there is Vet. Available.																									
	<table border="1"> <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		
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	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?	Not yet fixed																										
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)	30 minutes																										
<b>3. Development and planning</b>																												
3.1	(a)Has the zoo prepared and got the master plan approved by the Central Zoo Authority?	Yes, Approval of CZA is pending.	The draft sketch of master (layout) plan was discussed during the visit of Evaluation and Monitoring Officer, CZA on 01.02.2018 with the officer-in-charge of the zoo and the Surveyor/Engineer of the Zoo and several amendments were suggested. The																									
	(b)If not, what is the stage?	At the final stage.																										

			officer-in-charge of the zoo has been asked to submit the amended master (layout) plan along with the animal collection plan of the zoo for the approval of the CZA.
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 is getting the additional land available and working on details.
	(b)If not, approx what percentage?		
3.3	( a)Have all 'pucca' buildings including the visitor facilities been planned and located in such a manner that the natural landscape of the zoo have not been masked and the cleanliness and hygiene of the zoo is not been affected due to such animal enclosures/structures?	Yes	Yes
	(b)If not what improvements are suggested?		
3.4	Has the zoo prepared a collection plan in consultation with the Central Zoo Authority, indicating the names of the species and maximum number of animals of each species to be housed in the zoo, having due regard to the congeniality of the climatic conditions of the locality for the general health and well being of the species, availability of space and infrastructural support for proper upkeep and healthcare of the species, proximity of the zoo to the habitat range of the species and the past record of the zoo in management and breeding of the species and the zoo is not compromising on housing and	We have the collection plan but not yet consulted with the Central Zoo Authority. Already we have	Underway

	upkeep standards of animals for accommodating new species or additional animals of the species in its collection?	talked with State Zoo Authority. Only after the master plan being approved by CZA, we can proceed for collection.	
3.5	(a)Has the zoo accepted any rescued animal for which it does not have appropriately designed enclosure and upkeep facilities as well as the facilities for keeping it in isolation during quarantine period?	No	
	(b)If yes which species and from where received?		
	(c) The location of quarantine and isolation area?		
3.6	a) Has the zoo accepted any rescued animal for housing?	No	No
	b) If so what is the species and number?		
	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?		
	d) If the rescued animal pertains to an endangered species whether a copy of the report has been sent to the Central Zoo Authority ?		
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	No
	(b)Whether the same has been complied with?		
	(c)If not, why?		
<b>4. Animal Housing, display of animals &amp; animal enclosures</b>			
4.1	(a)Are the animals displayed in nature immersing (naturalistic) enclosures?	Yes, As much as possible.	The Zoo Operator shall ensure that all animal enclosures

	(b)How many such enclosures for which species exist?		shall be developed strictly as per the standards and norms developed by the CZA. The animal enclosures should meet the minimum dimension of the each enclosure as prescribed and animals. Prior approval of the enclosure design should have got approved from the CZA before its construction.
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	The additional area available adjoining to the Spotted deer enclosure and others should be brought under the Zoo.
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	Not at present.
	(b) If not, in which cases?		
4.4	(a)Is adequate space available to the animals in order to maintain safe distance from the dominant animals in the group or herd?	Yes, Properly separated.	Yes
	(b) If not, in which cases?		
4.5	Which animals are kept in substandard enclosures as per CZA specification?	No Such	
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	All enclosures should be enriched with species specific requirements
	(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, Proper screening has been provided.	Yes
	(b)What are the deviations?		
4.8	(a)Has any new enclosure for endangered species constructed without prior approval of the Central Zoo Authority?	No	No
	(b)If yes, which ones and why?		
4.9	(a)Has the zoo provided appropriately designed and effective standoff barriers at every animal display enclosure to regulate the movement of visitors in the zoo in a manner that facilitates the visitors in getting unobstructed view of	Yes, properly designed and effective stand-off	They need to follow the dimensions as of prescribed by CZA.
	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?	barriers has been provided.	
	(b)Where are the deviations?		
4.10	(a)Have appropriate signage been provided with relevant information on the biology, behavior and the population status of the species in the wild at every display enclosure?	Yes . It is being made more informative.	No. they need to contain biological information about the zoo.
	(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.		
<b>5. Upkeep and healthcare of animals</b>			
5.1	<b>Enclosures and animal facilities</b> (a) Whether the animals in its collection are maintained in socially and behaviorally viable groups?	Yes	No, there are single individuals are housed.
	(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.	No such	
	(c) Whether the food containers and water bowls are cleaned and disinfected on daily basis?	Yes	Yes
	(d) Whether grills and floor of feeding cells, night shelters and chain link fence of outdoor enclosures are being disinfected on routine basis.	Yes	Yes
	(e) Whether perches and shelves are cleaned regularly and kept free of faeces and urine?	Yes	Yes
	(f) Whether dirt substrates in outdoor planted exhibits are raked and spot- cleaned periodically?	Yes	Yes
	(g) Whether the zoo has provision of secondary holding areas for safe movement of animals from primary enclosures for cleaning/ feeding/ medical procedures?	Yes	No
	(h) Provision of footbath of adequate size with proper disinfectant at entry and exit points of animal house is provided or not?	Yes	N
	(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?	No indoor exhibits.	No
	(j) Whether the drainage system is covered properly and away from animal houses?	Yes	NO
5.2	<b>Nutrition and food hygiene</b> <b>General</b> 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)?	The dry food items have been kept in separate place, keeping at a height of 3'.	Yes
		The food preparation room is newly built.	

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	No	No
<b>Carnivore food and hygiene</b> 1. Whether the meat house is fly proof and pest free and located at a reasonable distance from the feed store and kitchen?	As there are no Carnivore animals in the Zoo.	NA
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?	Not applicable	
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?	Not applicable	
4. Whether the meat handlers entering the facility change into a clean and disinfected boots and coveralls?	Not applicable	
5. Whether the meat handlers use clean gloves when handling the meat?	Not applicable	
6. Whether the meat preparation facility is thoroughly cleaned and disinfected on regular basis after the meat preparation is completed?	Not applicable	
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?	Not applicable	
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?	Not applicable	
9. Whether the keepers use clean gloves, if they handle the meat prior to feeding?	Not applicable	
<b>Food distribution</b> 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
<b>Removal of unused feed and excreta</b> 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, most of the feeding cells and kraal are as per the specific	

		standard of CZA.	
	(c) Cases of deviation, if any?		
5.3	<b>Visual observation on daily activity pattern of animals and preventive healthcare</b> 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, the curator and veterinary officer regularly watch the animals' behaviour, and get regular information from the keepers.	No records are being maintained.
	(b) Are the animals handled only by the staff having experience and training in handling the individual animals?	The staffs of the Zoo are good handlers' but for further training we have already talked with WB State Zoo Authority for special training.	
	(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	No records was shown
	4. Whether the zoo have written schedule of vaccination and de-worming of different species of the zoo animals and displayed at the enclosure site?	Yes, The vaccination and de-worming is being maintained.	No records was shared.
	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, Daily reports and also the Keepers Dairy are maintained.	The zoo should maintain 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. The individual animal history sheet file may also include details on vaccination and de-worming.

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, regular health screening and yearly x-ray is being done.	The staff screening report for zoonotic disease were not available during the evaluation. The same should be strictly followed and reports should be maintained
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, in the Palace garden and Museum.	-
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.	No such MOU made till now.	No
(a) Whether the zoo has any such MoU with the nearest veterinary institution?	No such MOU but there are certain	-

	relation with the nearest State veterinary college Hospital.	
(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?	No,	

#### 6. Veterinary and Infrastructure Facilities

6.1	<b>Zoo hospital</b> (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?	Being a small Zoo, there was a small treatment room. We have now shifted to a proper treatment room.	The zoo shall also construct, a treatment room, feed store, post mortem room and should procure essential drugs
	(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?	Only basic diagnostic like stools etc are being examined. Pharmacy and treatment room is there. A small operation table is being maintained but do not have the Boyles apparatus.	
	(c) Are there suitable and appropriately designed holding facilities for animals requiring extensive medical care?	Yes	
	(d) Whether the veterinary facilities have a separate area / room for equipment cleaning and sterilization?	One new Steriliser has been bought and it has been placed in the treatment room	
	(e) Whether the zoo has basic hospital and monitoring equipment:		
	refrigerator	Yes	Yes
	stethoscope	Yes	Yes
	freezer (-170C)	No	No

scales for weighing animals	Yes	Yes
transponders for animal ID and transponder reader	No	No
ultra-low freezer (-700C) for serum banking and diagnostic samples	No	No
ophthalmoscope	If necessary, the veterinarian brings his own instruments.	No
otoscope,	Yes	Yes
thermometer	Yes	Yes
capture equipment (i.e. darts and dart projectors)	No	No
laryngoscope and blades	No	No
endotracheal tubes	No	No
oxygen support (regulators and demand valves)	No	No
inhalation anaesthesia machine that can support a tiger-sized animal	No	No
isoflurane vaporizer	No	No
anaesthesia monitoring equipment (single or multiparameter)	No	No
pulse oximeter	No	No
ECG (blood pressure monitor included)	No	No
basic surgery instruments	Yes	No

surgical light	No	No
autoclave	Yes (steriliser)	No
basic dental instruments	No	No
(f) Whether the zoo has basic diagnostic support to enable and make rapid assessments of physiologic status of sick and injured animals:	No	No
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	No
Standard laboratory centrifuge and glassware for Serum / Plasma separation	No	No

	g) Whether the zoo has arrangements of reference laboratory support and rapid transportation of diagnostic samples to nearest veterinary institution equipped with following facilities: 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	With the WB state veterinary institute situated at Belgachia, Kolkata (about 4 kilometre away)	No															
	(h) Has the zoo acquired sophisticated and costly diagnostic equipment's 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?	No	No															
	(k) If a mini zoo, does it have at least facilities of a treatment room?	Yes	Yes															
6.2	<b>Animal restraint</b> (1) Whether the zoo has appropriate animal restraint equipment, accessories and drugs ?	No	No															
	(2) Whether the animal restraint equipment are being kept and maintained as per standard protocol ?	No																
	(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																
	(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																
	(5) Whether the veterinarian has requisite training in Animal immobilization with specific reference to wildlife?	yes																
	(6) Is there a dedicated refrigerator for storage of chemical restraint drugs?	no																
6.3	<b>Veterinary Support staff</b> Does the zoo have the zoo veterinary support staff as specified in the Table below ; namely –	One part time compounder has been appointed.	Part time compounder staff is available.															
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S.No.	Support staff	Large Zoo	Medium Zoo	Small Zoo														
1	Lab Assistant (Technician)	1	1															
2	Stockman / compounder	2	1	1														
6.4	<b>Wildlife veterinary medical education and training</b> 1. Does the zoo have linkages with the eminent institutions and organizations working in the field of wild animal healthcare with the objectives to provide for : a) Assistance in scientific diagnosis of diseases of serious nature and advice on the effective remedial treatment. b) Training and upgrading technical skills of animal health staff. c) Development of protocols for preventive medicines and vaccination	Yes with the Veterinary Institute in Belgachia Kolkata	Yes															
	2. Whether the veterinary officer has requisite training/education in wildlife medicine/health ?	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 ?	No																

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?	One new PM room with sufficient light and table and basic PM equipment has been made.	The zoo should maintain the original copies of post mortem of all animals which have died at the zoo. Such Post Mortem report for last 6 years should be maintained by the Zoo.
	2. Whether the zoo veterinarian has specialized knowledge and skills in wildlife pathology?	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	
	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	
7.2	Are the findings of the post-mortem examination referred to in sub-paragraph (1) recorded in such format as have been prescribed by Central Zoo Authority in this regard and is it maintained for a period of not less than six years?	Yes, it is intimated to CZA yearly basis.	
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	
	2. Whether the post mortem report is corroborated with other diagnostic findings in consultation with specialized reference laboratories / veterinary institutions?	Yes	
7.4	Does the zoo ensure that the carcasses of the animals, after the post-mortem has been conducted, is disposed off by burying or burning in a manner that does not have any adverse impact on the hygiene and cleanliness of the zoo ?	As there are very few animals( mainly birds) that die and since there are no carnivores, so by the	Yes

		Permission of the CZA, now the Zoo Authority burries in the separate burial ground in the palace compound.	
	a) Are the carcasses of large cats disposed off by burning in the presence of Director of the zoo or any officer in the next rank to him and authorized by him in this behalf?	No such case.	
	b) Are the carcasses of animals which died due to Anthrax or such other communicable diseases not opened and subjected to post-mortem, as a safeguard against spread of the disease and they are buried intact?	No such case	

#### 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.	No yet done but if such case happens then shall follow in consultation with WBZA.	
<b>9. Acquisition and breeding of animals</b>			
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 selfsustaining population of each species?	Yes	The zoo shall restrict housing primarily the birds. Further the number of bird species should be reduced. The Rhesus macaque, Langur, Budgerigar, Finch and Pigeon should be removed from animal collection plan as well as should be phased out from the zoo, by transferring to other recognized zoos in the State or other zoos, with prior approval from CZA
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?	No	
	(b)If there is any deviation, details thereof.	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?	No	The Zoo shall not acquire any new species by any way, till facility for existing animals is being developed
	(b) Please indicate such cases.	No	
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?	No	All single animals should be removed from the Zoo, namely: 1. Albino Crow 2. Shoveller duck 3. White necked stork 4. Goffins cockatoo 5. Macaw Red & Green 6. Rosy pelican
	(b)Please indicate unpaired species, its sex and for the period it has been kept unpaired.	Rosy Pelican(M) and white neck stork(M).	
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.	No such occasions happened.	No
9.6	a. Has the Central Zoo Authority assigned any endangered species for Conservation Breeding Programme to the zoo, if so please indicate?	No	NA
	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?	No	
	c. Is the Conservation Breeding Facility situated in off display area of the zoo?	Yes	
	d. Has the founder population of the species bred in zoo, indicate numbers bred in the zoo?		
	e. Have the animals been conditioned for reintroduction in the wild?	No	NA
	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.	No	

9.7	Has the zoo spared surplus animals from the breeding population to the participating zoos for display purposes on the basis of quality of housing and infrastructural facilities available with the concerned zoos?	No	The excess population of Spotted deer, Barking deer, rose ringed parakeet and Peafowl should be released in the forest after screening their health or may be shifted to recognized zoos with prior approval from CZA.
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?		--
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, by segregation by sexes, deer has been separated. 1) Spotted deer- 9 2) Barking deer-7 3) Four Horned Antelope -3	By segregation by sexes, deer has been separated. 1) Spotted deer- 9 2) Barking deer- 7 3) Four Horned Antelope -3
	b. What methods of population control were employed and comparative success?	Separation of sexes	
9.10	Has the zoo implemented disaster management plan, training and mock drills to prevent accidents in zoo in accordance with master plan?	Yes	No
	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?	No such accident till now. It is encircled by 3mt high boundary walls.	
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	No	No
9.12	Is the hybridization of species or races of same species taking place in the zoo? Which species?	No hybridisation. But the zoo has achieved for mutation of Ring necks like Lutino , blue, albino and in case of Alexandrine Parakeets mutation to Lutino and blue.	No
<b>10. Research Activities</b>			
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?	Not yet implemented, as the master plan is awaiting for the final approval.	No
	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 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)	General measures have been taken for the enrichment of the birds and animals.	
	d. Research paper/ technical reports published. Details of its implementation.		
<b>11. Education and Outreach Activities</b>			

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, regular education classes of different school students who come for visit.	There is no organized education programme conducted by the Zoo during the recent period.
	b. Whether the zoo has appropriate signage's and interpretation facilities, Souvenir Shop, Library Facility accessible, dedicated Website and carrying out	Have appropriate signage's and	
	the Outreach and awareness, Guided Tour, celebrations of various events	guided tour for large groups.	
11.2	Is physical handling or performances by animals permitted as part of educational activity?	No	
<b>12. Visitor Facilities</b>			
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	No
	d. Wheel chairs	Yes	Yes
	e. Battery Operated vehicles	No	No
	f. Lawns	Yes	Yes
	g. Visitor shed	Yes	Yes
	h. Kiosks	No	No
	i. rain shelters	Yes	Yes
	j. cloak rooms for the visitors	No	No
	k. zoo visitor guides	Yes	No
	l. Public Announcement systems, fire alarm during emergency.	Yes	No
12.2	Does the zoo have first aid facilities including snake anti-venom and life saving drugs, readily available in the zoo premises?	First aid facilities are there.	The zoo should have first aid facilities including snake anti-venom and life saving drugs, readily available in the zoo premises.
12.3	Is the zoo making arrangements for providing access to the physically challenged persons for viewing wild animals at various animal enclosures?	Yes. e.g.- wheelchair for handicaps.	Not seen during the evaluation.

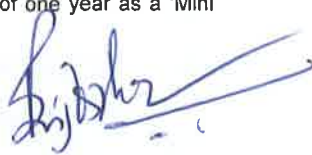
**Part IV  
Recommendation**

Sr. No	Norm No.	Particulars of suggestions/recommendation	Time Period to Comply
<b>Classification of Zoos</b>			
1.	9(1)	The Marble Palce Zoo, Kolkata should be developed as "Mini Zoo" instead of existing "Small Zoo", in view of the space constraint.	Immediately
<b>General Requirements</b>			
2.	10(1.6)	The Zoo shall provide an appropriate barrier of 2 meter high separating the zoo area from the residential area as well as from museum area.	Six months
3.	10(1.9)	The zoo should develop effective measures to avoid entry of feral dogs to the zoo.	With immediate effect
<b>Development and Planning</b>			
4.	10(3.1)	The draft sketch of master (layout) plan was discussed during the visit of Evaluation and Monitoring Officer, CZA on 01.02.2018 with the officer-in-charge	Immediately

		of the zoo and the Surveyor/Engineer of the Zoo and several amendments were suggested. The officer-in-charge of the zoo has been asked to submit the amended master (layout) plan along with the animal collection plan of the zoo for the approval of the CZA.	
	<b>Animal housing, display of animals and animal enclosures</b>		
5.	10(4.2)	The Zoo Operator shall ensure that all animal enclosures shall be developed strictly as per the standards and norms developed by the CZA. The animal enclosures should meet the minimum dimension of the each enclosure as prescribed and animals. Prior approval of the enclosure design should have got approved from the CZA before its construction.	With immediate effect
6.	10(4.2)	The additional area available adjoining to the Spotted deer enclosure and others should be brought under the Zoo.	With immediate effect
7.	10(4.6)	All enclosures should be enriched with species specific requirements.	With immediate effect
	<b>Acquisition and breeding of animals</b>		
8.	10(5.9)	The staff screening report for zoonotic disease were not available during the evaluation. The same should be strictly followed and reports should be maintained.	With immediate effect With immediate effect
9.	10(5.10)	The zoo should maintain 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. The individual animal history sheet file may also include details on vaccination and de-worming.	With immediate effect
	<b>Veterinary and infrastructure facilities</b>		
10.	10(6.1)	The zoo shall also construct, a treatment room, feed store, post mortem room and should procure essential drugs.	With immediate effect
	<b>Post-mortem and disposal of carcasses of animals</b>		
11.	10(7.1,2 &3)	The zoo should maintain the original copies of post mortem of all animals which have died at the zoo. Such Post Mortem report for last 6 years should be maintained by the Zoo.	With immediate effect
	<b>Acquisition and breeding of animals</b>		
12.	10(9.1)	The zoo shall restrict housing primarily the birds. Further the number of bird species should be reduced. The Rhesus macaque, Langur, Budgerigar, Finch and Pigeon should be removed from animal collection plan as well as should be phased out from the zoo, by transferring to other recognized zoos in the State or other zoos, with prior approval from CZA.	Six months
13.	10(9.3)	The Zoo shall not acquire any new species by any way, till facility for existing animals is being developed.	With immediate effect
14.	10(9.4)	All single animals should be removed from the Zoo, namely: 7. Albino Crow 8. Shoveller duck 9. White necked stork 10. Goffins cockatoo 11. Macaw Red & Green	Three months
15.	10(9.7)	The excess population of Spotted deer, Barking deer, rose ringed parakeet and Peafowl should released in the forest after screening their health or may be shifted to recognized zoos with prior approval from CZA.	Six months
	<b>Visitors facilities</b>		
16.	10(12.2)	The zoo should have first aid facilities including snake anti-venom and life saving drugs, readily available in the zoo premises.	With immediate effect

#### Proposed Action

It is recommended that the Technical Committee of CZA may consider recommending the Marble Palace Zoo, Kolkata, West Bengal (Mini Zoo Category) for grant of renewal of recognition for a period beyond of 05.05.2017 of one year as a 'Mini Category Zoo' subject to the fulfilment of the above conditions to the Central Zoo Authority.

  
(Dr. Brij Kishor Gupta)



GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

## Central Zoo Authority



F. No. 19-81/93-CZA(316)(NS) / 924/2016

**Email**  
**DATE: 20.06.2016**

To

The In-charge  
Marble Palace Zoo,  
46, Muktaram Babu Street,  
Kolkata- 700 007 (West Bengal)  
Email: [tapendromullick@gmail.com](mailto:tapendromullick@gmail.com)

*Handwritten signature and date: 20/6/16*

**Sub:-Renewal of recognition to Marble Palace Zoo, Kolkata under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 30.04.2015- Reg.**

**Ref:- (i) This office letter no. 19-81/93-CZA(316)(M)/4622 dated 09.04.2014.  
(ii) Your application for renewal of recognition received on 21.10.2015.  
(iii) This office letter no. 21-1/2014-CZA/292/2016 dated 19.02.2016**

Sir,

Reference is invited to above cited correspondence, it is to inform that the evaluation of the Marble Palace Zoo, Kolkata was carried out by Sh. Bipul Chakrabarty on 21.03.2016. The evaluation report of the Marble Palace Zoo, Kolkata as submitted by the evaluating officer was considered by the Technical Committee in its 78<sup>th</sup> Meeting held on 6<sup>th</sup> May, 2016.

The Technical Committee has decided to issue Show Cause Notice under Section 38H (5&6) of the Wild Life (Protection) Act, 1972 to Marble Palace Zoo, Kolkata for non-compliance with conditions stipulated by the Central Zoo Authority in violation of Recognition of Zoo Rules, 2009 (amended in 2013) and to provide time period of six months to the zoo to file a reply to the Show Cause Notice and to submit an action taken report on issues mentioned in the Show Cause Notice. The Show Cause Notice is being issued separately

Besides, the Committee has decided to grant renewal of recognition under Section 38H of the Wild Life (Protection) Act, 1972 to Marble Palace Zoo, Kolkata for a period of one year. The renewal of recognition to Marble Palace Zoo, Kolkata as a "Small category Zoo" under Section 38H of the Wild Life (Protection) Act, is for a period up to 05.05.2017 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009 (amended in 2013) and mid-term evaluation of the zoo:-

S. No.	Norm No.	Condition Stipulated	Time Period to Comply
<b>1. General Requirements</b>			
1.	1.1	The Zoo has been breeding among the existing population of spotted deer,	One year

		barking deer and four horned antelopes. There has not been any effort to infuse new bloodline. This should be done as soon as possible including putting in place population control measures.	
2.	1.2	The Zoo, through proper landscaping and planting of appropriate species, provide naturalistic environment within the campus to enable the visitors to have communion with nature and get motivated for living in harmony with nature.	With immediate effect
3.	1.3	The zoo should create pathways / paved paths for smooth visitor circulation. The same should be planned accordingly and got approved along with the layout plan.	With immediate effect
4.	1.8	An isolation and quarantine area for rescued & newly arrived animals should be created as per the guidelines prescribed by CZA. Accordingly, the same should be incorporated in revised master layout plan.	One year
<b>2. Administrative &amp; staffing pattern</b>			
5.	2.1	A full time officer should be appointed for overseeing day to day operation of the zoo with adequate financial and administrative powers.	Six months
<b>3. Development and planning</b>			
6.	3. 1 & 2	Services of a landscape architect should be obtained to professionally develop the entire zoos campus and Palace giving a heritage feel with message of animal keeping and wildlife conservation to best. Accordingly, the master layout may be revised and submitted for approval.	Six months
7	3.5	All facilities for captive animals including <i>pucca</i> building like feeding & night shelters shall be remodeled in such a way that they do not compromise the natural landscape, drainage and without affecting the overall cleanliness and hygiene of the palace campus.	With immediate effect
8	3.6	The zoo has hardly any space for accommodating new animals over and above its current collection. Therefore, the collection plan should only be of animals, which are available in viable numbers with the zoo, enclosure and the technical competence for their upkeep. Carrying capacity of animal enclosures should be fixed.	With immediate effect

<b>4. Animal housing, display of animals and animal enclosures</b>			
9.	4. 1 to 6	The main focus of the zoo should be to provide adequate welfare to all its inmates by providing them optimum space, enriching their enclosures for maximizing natural behavior.	One year
10.	4.9	Standoff barriers should be provided all along the enclosures & visitor pathway to prevent teasing and feeding of animals. Appropriate signage warning the visitors of consequences of violation may also be provided at various places	Six months
11.	4.10	All animal enclosures shall be provided with signage having relevant information on the biology of the animals and population status of the species.	Six months
<b>5. Upkeep and healthcare of animals</b>			
12.	5.2	Suitably designed platforms should be provided in the feeding store for storing dry ration. Stainless Steel drums could be used for storage of choker, gram etc. Exhaust fans should be installed to reduce moisture inside the feed store.	Six months
13.	5.5	Leftover food shall be removed from the enclosures on daily basis. Dung should also be removed from the enclosures periodically and in consultation with veterinary doctor.	With immediate effect
14.	5.8	All zoo animals should be screened periodically through random sampling for parasitic loads and prophylactic measures taken under guidance of the visiting veterinary doctor. A written schedule for the same should be prepared and implemented.	With immediate effect
15.	5.9	All zoo staff involved in upkeep & healthcare of animals should be subjected to annual health checkup to avoid spread of Zoonotic diseases.	With immediate effect
<b>6. Veterinary &amp; Infrastructure facilities</b>			
16.	6.1	A treatment room should be constructed within the campus and kraal for recuperating of animals, a dispensary for storing lifesaving drugs and other veterinary equipment's and a stainless steel table for animal examination and treatment should be provided.	Six months
17.	6.6	The Zoo / Zoo Trust should enter into a written agreement with the West Bengal	With immediate effect

		Zoo Authority for: 1. Scientific & technical support 2. Regular Training of zoo personnel 3. Surplus animal population management	
<b>7. Postmortem and disposal of carcass of animals</b>			
18.	7.1 & 2	Every animal that dies in the zoo should be subjected to detailed postmortem by a registered veterinarian. The findings should be recorded in the CZA prescribed format and maintained at the zoo premises and should be open for inspection.	With immediate effect
19.	7.4	Burying of dead animals inside the Palace campus should be stopped. An electric or gas fired incinerator may be installed within the campus at a remote location for safe disposal of animal carcasses and other bio wastes including shed antlers etc.	With immediate effect
<b>9. Acquisition and breeding of animals</b>			
20.	9.1 & 2	To check inbreeding in the chital, barking deer & four horned antelope population over the years, efforts should be made for selective swap of female animals amongst deer population of other nearby zoos in consultation with West Bengal Zoo Authority.	With immediate effect
<b>10. Research activities</b>			
21.	10	a) The zoo authorities should enter into an agreement with local University & colleges for allowing graduate/postgraduate students to carryout their dissertation on various aspects of animal biology. The findings can help the zoo in better and scientific management of captive animals. b) The zoo should also carryout study to enumerate the wild flora and fauna within Palace campus and publish for general awareness.	With immediate effect  One year
<b>11. Education and outreach activity</b>			
22.	11.1	The zoo should develop a yearlong educational calendar and initiate activities for educating the visitors on the significance of wildlife / biodiversity conservation & ecosystem services provided by the animal kingdom.	With immediate effect
<b>12. Visitors facilities</b>			
23.	12.1	More number of civic facilities like toilets, drinking water points and their access to	Six months

		physically challenged personnel should be provided.	
24.	12.2	Anti venom and life saving drugs should be stored in the zoo campus	With immediate effect
25.	12.3	The proposed kutchha / mud roads or pathways may preferably be paved with paver blocks to make it accessible to disadvantaged visitors / wheel chairs in all weather conditions.	One Year

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

Grant of recognition to Marble Palace Zoo, Kolkata beyond the period of 5<sup>th</sup> May, 2017 would be considered on the basis of compliance of the condition stated above and general performance of the Zoo at that point of time.

The recognition to the Marble Palace Zoo, Kolkata shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the above stipulated conditions.

**Yours faithfully,**



**(Dr. D. N. Singh)**  
**Member Secretary**

**Copy to:-**

1. The Chief Wildlife Warden, Government of West Bengal for information and necessary action.
2. The Member Secretary, West Bengal Zoo Authority, Kolkata (Email: [mswbza@gmail.com](mailto:mswbza@gmail.com), [wbzooauthority@yahoo.in](mailto:wbzooauthority@yahoo.in) ) for information and with a request that the stipulated conditions may be got implemented.
3. DPA, CZA.



**(Dr. D. N. Singh)**  
**Member Secretary**





GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS

## Central Zoo Authority

जहाँ है हरियाली।  
वहीं है खुशमली।।



THROUGH REGISTERED POST

F. No. 19-81/93-CZA(316)(M) / 4622

DATE: 09.04.2014

To

The In-charge  
Marble Palace Zoo,  
46, Muktaram Babu Street,  
Kolkata – 700 007 (West Bengal).

**Sub:- Renewal of recognition to the Marble Palace Zoo, Kolkata under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 31.05.2013.**

Sir,

Reference is invited to your application received in this office on 06.08.2013 seeking renewal of recognition to the Marble Palace Zoo, Kolkata under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 31.05.2013.

The evaluation of the Marble Palace Zoo, Kolkata was carried out on 13.02.2014 by Sh. Bipul Chakrabarty. The evaluation report (enclosed) submitted by the evaluating officer was considered by the Technical Committee in its 69<sup>th</sup> Meeting held on 26<sup>th</sup> March, 2014.

The Central Zoo Authority has decided to grant of renewal of recognition to the Marble Palace Zoo, Kolkata as "Mini Category Zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 30<sup>th</sup> April, 2015 subject to the compliance of the following directives under the Recognition of Zoo (Amendment) Rules, 2013 and mid-term evaluation of the Zoo:-

S. No.	Relevant Schedule No.	Conditions	Time Period to comply the conditions
<b>1. General requirements</b>			
1.	1.1	The Marble Palace Zoo is the oldest surviving conventional zoo in the country. Due to lack of space, there is not any scope for the zoo authorities to display animals and birds in their near natural habitats as is required for all	--

modern zoos. Thus the zoo should be maintained as a heritage zoo with an emphasis that animal welfare is not compromised while displaying them to the visitors.

<b>3. Development and Planning</b>			
2.	3.3	The zoo should prepare Master Plan for its long-term development and submit to CZA for its approval.	With immediate effect
<b>4. Animal housing, display of animals and animal enclosures</b>			
3.	4.2	Vintage bird enclosures should be renovated and used for housing small pet birds.	Within six months
4.	4.10	Signage's having information on the animal biology and ecology should be placed at enclosures. Signage's should be in English, Hindi and local language.	Within three months
<b>5. Upkeep and healthcare of animals</b>			
5.	5.10	The zoo operator should put in mechanism to record daily activities through introducing daily reports and keeper diaries.	With immediate effect
<b>7. Post-mortem and disposal of carcasses of animals</b>			
6.	7.2	Post-mortem findings should be recorded in CZA prescribed format.	With immediate effect
7.		The zoo has record of breeding Four horned antelope. It should collaborate with other zoos participating in Four horned antelope breeding programme for exchange of bloodline.	Immediately
<b>9. Acquisition and breeding of animals</b>			
8.	9.9	In consultation with West Bengal Zoo Authority, it should try to reduce its Spotted deer and Barking deer population.	With Immediate effect
<b>Others</b>			
9.		All other conditions as stipulated for Mini Category zoos under Recognition of Zoo Rules, 2009 vis-à-vis administrative, record keeping, upkeep healthcare, education and visitor facilities should be strictly adhered to.	With immediate effect

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

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Grant of recognition beyond 30<sup>th</sup> April, 2015 to the Marble Palace Zoo, Kolkata as a 'Mini 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 Marble Palace Zoo, Kolkata as 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,**

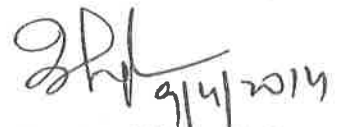


**(Inder Dhamija)  
DIG (Hqr.)**

**Encl: as above**

Copy for favour of information & necessary action to:-

1. The Chief Wildlife Warden, Government of West Bengal, Kolkata.
2. The Member Secretary, West Bengal Zoo Authority, Kolkata.
3. DPA, CZA.



**(Inder Dhamija)  
DIG (Hqr.)**





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



जहाँ है हरियाली।  
वहाँ है खुशहाली।।

**BY REGISTERED POST**

**F. No. 19-81/93-CZA(316)(M)**

**DATE: 05.05.2011**

To

The In-charge  
Marble Palace Zoo,  
46, Muktaram Babu Street,  
Kolkata – 700 007 (West Bengal).

**Sub:- Renewal of Recognition to the Marble Palace Zoo, Kolkata beyond the period of 31.03.2010 under Section 38 H of the Wild Life (Protection) Act, 1972 - Regarding.**

Sir,

The evaluation of the Marble Palace Zoo, Kolkata was carried out on 14<sup>th</sup> – 16<sup>th</sup> October, 2010 by Sh. B. C. Choudhary, Scientist G, Wildlife Institute of India, Dehradun. The evaluation report of the Marble Palace Zoo, Kolkata as submitted by the evaluating officer was considered by the Technical Committee in its 57<sup>th</sup> Meeting held on 24<sup>th</sup> March, 2011.

The Central Zoo Authority has decided to grant of recognition to Marble Palace Zoo, Kolkata as a Mini Category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 31<sup>st</sup> May, 2013 subject to the mid-term evaluation of the zoo and compliance of the following directives under the Recognition of Zoo Rules, 2009:-

S. No.	Relevant Norm No.	Conditions to be complied	Time period
<b>1. General requirements</b>			
1.	1 (5)	The zoo should be encompassed by a perimeter wall/chain link fence/hot wire barrier may be provided to prevent free ranging animals coming inside the zoo.	Within six months
2.	1 (9)	Some domestic animals are exhibited which needs to be stopped as per the CZA norms.	With immediate effect

Bikaner House, Annexe VI, Shahjahan Road, New Delhi-110011

Phone : 011-23381585, 23073072, 23070375 (EPABX), Fax : +91-11-23386012

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

**3. Development and Planning**

3.	3 (1)	The Zoo shall prepare a theme based long-term (for a minimum period of 10 years) master plan for its development including a management plan for next six years giving details of the proposals and activities of development during the period. The copies of the said plan shall be sent to the Central Zoo Authority. The guidelines circulated by the Central Zoo Authority with regard to preparation of Master Plan should be strictly followed.	With immediate effect
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**4. Animal Housing, display of animals and animal enclosures**

4.	4 (3)	The Zoo operator should create/modify/improve animal housing (for the targeted species identified under the Master Plan). The animal enclosures in the zoo should be so designed as to meet the biological requirements of the animals housed therein. The enclosure should be of such size as to ensure that the animals get space for their free movement and exercise. The enclosures and feeding/retiring cubicles shall not be smaller than the dimensions prescribed in Appendix I & II of the Recognition of Zoo Rules, 1992.	With immediate effect
5.	4 (10)	The Marble Palace Zoo even now requires to give attention for appropriate signages for every animal housed.	With immediate effect

**6. Veterinary and infrastructural facilities**

6.	6 (6)	The Marble Palace Zoo has no linkages with any institutions with regard to research and health care. May require to address this.	Within three months
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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.

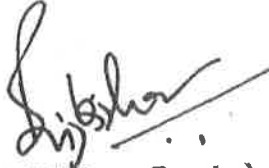
Grant of recognition to Marble Palace Zoo, Kolkata as "a Mini Category Zoo" beyond 31<sup>st</sup> May, 2013 would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Marble Palace Zoo, Kolkata shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

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

Copy to:-

1. The Chief Wildlife Warden, Government of West Bengal, Kolkata for favour of information and with a request that the stipulated conditions may be got implemented.
2. Sh. Vivek Goel, DPA, CZA

  
**(Dr. Brij Kishor Gupta)**  
**Evaluation & Monitoring Officer**

