सत्यमेव जयते
GOVERNMENT OF INDIA
भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Central Zoo Authority
केन्द्रीय चिड़ियाघर प्राधिकरण

BY POST/E-MAIL

F.No.25-1/2002-CZA(Vol.II)(AK)/1520/2017 **DATE: 18.08.2017**

CIRCULAR

Subject: Submission of the Master (Layout) Plan and drawing of enclosure for approval of the CZA – regarding

A Circular vide this office F.No.25-1/2002-CZA(Vol.I)(M)/592-93 dated 13.09.2011 (copy enclosed) was issued regarding preparation of Master (Layout) Plan for submission to this Authority for approval.

It has been observed that the Master (Layout) Plan and the drawings of the enclosure submitted by zoos for approval of the Central Zoo Authority are sometimes not legible/ not as per the proper scale/ not as per the colour code etc. Some of the zoos submit Xerox copy of the drawings and layout plan wherein the scale gets disturbed. Even the drawings have been submitted in pencil or without signature of any authority of the concerned zoos.

The Expert Group on Zoo Designing find it very difficult to examine the layout plan or drawings which are not properly prepared. The repeated query from the zoo in the matter lead to unnecessary and avoidable delay and it also increases the work load of the Committee which has to examine the same drawings repeatedly.

In the prevailing situation, the members of the Expert Group on Zoo Designing in its 74th meeting held on 13th and 14th July, 2017 desired that the Director/ Officer-in-Charge of the recognised zoos may be apprised about the manner in which the layout plan and drawings of the enclosures should be prepared so that they may be examined properly and decision be taken expeditiously.

Accordingly, the Director/ Officer-in-Charge of the recognised zoos are requested to ensure the following while submission of the Master (Layout) Plan and the drawings of animal enclosure of endangered species for approval:

1. **Submission of the Master (Layout) Plan for approval of the CZA**:
   a. The Master (Layout) Plan of the zoo should be in accordance with the colour code as prescribed by the Central Zoo Authority as indicated below:

Continued...

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बी–1 विंग, छठा तल, पंडित दीनदयाल अन्तोदय भवन, सीजीओ परिसर, लोधी रोड़, नई दिल्ली–110003
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i. **Existing Animal Enclosures** should be shown in **Black colour**.
ii. **Animal Enclosures or** buildings to be **modified** should be shown in **Green colour**.
iii. **Animal Enclosures** that need to be **re-constructed at the same site/place after demolition of the old structure** should be shown in **Red colour**, and
iv. Proposed **new Animal Enclosures** should be shown in **Blue colour**.

b. All topographic plans should have contour numbers and north point marked legibly and clearly.
c. The Master (Layout) Plan of the Zoo shall be submitted on **A1 size drawing sheet.**
d. The Master (Layout) Plan of the Zoo shall be submitted preferably on a **scale of 1:1000 for the zoos having its area less than 80 acres, otherwise on a scale of 1:5000 for zoos having its area more than 80 acres.**
e. The Master (Layout) Plan of the Zoo should have the signature of the Zoo Director and the Chief Wildlife Warden of the State.
f. The Master (Layout) Plan of the Zoo should have **minimum Text size 2.5 mm** so that they are legible clearly and may be examined properly.
g. Land use of surrounding areas of the zoo, on all sides of the zoo, should be indicated.
h. Minimum two sets of hard copy of the Master (Layout) Plan along with a soft copy of high resolution should be submitted to the CZA for scrutiny.
i. It is generally not possible to have a '.pdf' format of the plan/ drawings or the Xerox copy on the same scale since it gets disturbed while converting the file in the pdf format or while making Xerox copy. Hence, the plan/ drawings should be printed directly without reducing its size from the original.

2. Submission of drawing of enclosure of endangered species for approval of the CZA:

a. The check-list of the drawing of enclosure for endangered species is enclosed with this Circular. It should be filled up for each animal enclosure designs separately. It should be submitted with each of the drawings for approval of the Central Zoo Authority.
b. The drawing should be submitted on minimum A3 size paper.
c. **Text size** on the drawing of enclosure should be legible and of **minimum 2.5 mm** so that they may be examined properly.
d. The drawings of the enclosures should contain **separate drawings of Plan, Elevation and Section, duly labelled with dimensions** clearly indicated thereon.
e. The Officer-in-charge of the zoo should certify that the proposal meets the minimum requirement of standards and norms as indicated in the check-list.

Continued...

f. Minimum two sets of hard copy of the drawing along with a high resolution soft copy should be submitted for scrutiny.
g. The drawings should not be photographs on photographic papers or pencil drawings or sketches but it should be proper drawings with plan, elevation and sections made in drawing inks.

This is for information and necessary action.

Encls. As above

(Dr. D.N. Singh)
Member Secretary

To

The Director/Curator/Officer in charge of all Large, Medium, Small and Mini category zoos

Copy for information and necessary action to:

1. The Chief Wildlife Warden of all States/UTs.
2. The Municipal Commissioner of Ahmedabad, Aurangabad, Coimbatore, Cuttack, Gwalior, Indore, Mumbai, Pune, Rajkot, Solapur, Surat, Thanjavur & Vadodara.
3. The Managing Director of Steel Plants at Bhilai, Bokaro, Jamshedpur & Rourkela.

जहाँ है हरियाली।
वहाँ है खुशहाली।।

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
Central Zoo Authority

F. No. 25-1/2002-CZA(Vol. I)(M)/592-93 **DATE: 12.09.2011**
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To

1. The Director/ Curator/ Officer-in-charge of all Large, Medium, Small and Mini category Zoos and Rescue Centres.
2. The Municipal Commissioners of Ahmedabad, Jamnagar, Surat, Rajkot, Vadodara, Gwalior, Indore, Mumbai, Aurangabad, Solapur, Pune and Coimbatore.
3. The Managing Directors of Bhilai Steel Plant, Bhilai; Tata Steel & Iron Company, Jamshedpur and Bokaro Steel Plant, Bhilai.

CIRCULAR

Sub:- Guidelines for submission of design of the animals enclosure to the Central Zoo Authority.

It has been noticed that the design of the animal enclosures proposed as new construction or renovation in a zoo submitted to the Central Zoo Authority for its approval, as mandatory does not follow the prescribed guidelines and dimensions of this Authority. Therefore, at many times the designs have to be returned to the respective zoos requesting to make necessary amendments, which subsequently leading to delay in the approval process.

Keeping in view of the, you are hereby directed to strictly follow the given guidelines while submitting the designs of animal enclosures for its approval:-

(i) The design submitted to the Central Zoo Authority should be prepared by a engineer/ structural engineer/ architect/ consultant providing cross-sections as the case may be and should have got approval and signature from the Director/ Officer-in-charge of the Zoo.
(ii) The drawing should also indicate visitors' viewing area and the same should not be more than 25% of the total periphery.
(iii) The dimensions of paddock and feeding retiring cells should be strictly followed as of the Central Zoo Authority.
(iv) The design should be labeled by giving titles like plan, elevation, cross-section at the top. It should also include dimensions of entry doors/ sliding doors and windows.

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(v) The design of the animal enclosure either proposed as a new or modification/ extension/ renovation should contain a copy of layout plan showing the location.

(vi) The animal house should be located outside the paddock area instead of protruding inside the animal enclosure.

(vii) Whenever, the Central Zoo Authority's funds required for such works, the estimates should be prepared and submitted, once the design is approved by the Central Zoo Authority.

(viii) Three sets of the design should be submitted for its scrutiny.

Yours faithfully,

12/9/11

(B. S. Bonal)
Member Secretary

Copy to all the Chief Wildlife Wardens of all States/ UTs. For favour of information & necessary action.

Check List for Scrutiny of Animal Enclosure Drawing

Name of Zoo:	
Species proposed to be housed:	
No. of Copies Submitted:	

Information about Drawing submitted

S. No.	Details	Yes/No	Remarks
1.	Whether the proposed **enclosure** is part of approved Master (Layout) Plan of CZA?		
2.	Whether the proposed **species** is part of the Animal Collection Plan approved by the CZA?		
3.	Whether the zoo has animals already in stock for proposed exhibit, if so, provide details.		
4.	Whether the proposed exhibit of species is part of identified Conservation Breeding Programme of CZA, if so, provide details.		
5.	Whether Drawings contains the signature of the Director/ Officer-in-Charge of the zoo and, Architects/ Engineer.		
6.	Whether drawings are legible and text is readable?		
7.	Whether drawing submitted is as per scale with contour details.		
8.	Whether drawings submitted are labelled and with plan, elevation, cross section.		
9.	Whether the drawing of the animal enclosure is new structure or modification/ extension/ renovation of existing structure, details should be furnished. If the drawing is extension, renovation of existing structure, the copy of old (existing) drawing should be submitted.		
10.	What type of the Exhibit is proposed (front barrier and rear barrier and its type) ?		
11.	Whether the drawing has provision of kraal?		
12.	Whether the drawing has provision of		

	squeeze cage/ restraining facility, if so, details thereof?		
13.	Whether the proposed exhibit has provision of environmental enrichment artefacts, water point etc.?		
14.	Whether dimensions of the entry doors/ sliding doors and windows have been provided in the drawings?		
15.	Any other information		

Incorporation of minimum CZA Norms in the Drawings

S. No.	Details on Drawing	Minimum Norms recommended by the CZA (if any)*	Dimensions / Area proposed by the Zoo
1.	Paddock (exhibit) Size (in sq mts)		
2.	Feeding and Retiring Cells Size (in mts)	Length:	Length:
		Width:	Width:
		Height:	Height:
3.**	Front and Rear Barrier Type and dimensions thereof		
4.	Visitors' Viewing Area (in %)-	maximum 25% of total perimeter of the exhibit	
5.	Keeper's Gallery width & length size (in mts)	NA	Length: Width: Height:
6.	Any other information		

**Norms as issued by the Central Zoo Authority vide letter F.No.26-2/2008-CZA(M), dt.25.08.2008 and F.No.25-1/2002-CZA(Vol.I)(M)/592-93 dated 13.09.2011. Copy of the same is available on the website of the Central Zoo Authority at http://www.cza.nic.in/guidelines.html*

***Guidelines on use of innovative exhibit design and barriers' design for holding and display of animals and birds in Indian Zoos*

(Signature & Seal)
Director/Curator/Officer-in-Charge of the Zoo
Date:.....

Please read following carefully before submitting the drawing/s:

1. *Drawing of enclosure should be submitted on proper scale, indicating the north, and should be printed on minimum A3 size drawing paper. In no manner the drawing should be reduced from its original scale. If required the drawing may be submitted on large size of paper.*

2. *The text size of legend used on drawing should be minimum of 2.5 m.m. It should be legible.*
3. *The dimension of paddock and feeding retiring cells should be strictly followed as prescribed by CZA and should be mentioned on all drawings.*
4. *The drawing should be submitted along with plan, elevation, cross-section.*
5. *The dimensions of entry door/sliding doors and windows should be clearly indicated on the drawing.*

For CZA Office Use:

Scrutinized by (Name):
Designation:
Signature:
Date:
Remarks: