

F.No.6-154/2022 WL
Government of India
Ministry of Environment, Forest and Climate Change
(Wildlife Division)

2nd Floor, Vayu Wing,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi 110003.

Date: 7th July, 2023

To,

The Principal Secretary,
Forest Department,
Aranya Bhavan, Saifabad,
Hyderabad 500004.

Sub: Proposal for use of 3.412 ha of forest land (1.819 ha area falling in core area of Kawal Tiger Reserve and 1.593 ha area falling in buffer area of Kawal Tiger Reserve) for construction of BT road from Govena to Jambuldhara from Km 0/0 to 9/400 via Sidamguda, Nagaguda and Maraguda villages of Lingapur Mandal, Tiryani and Kawal RFs of Asifabad Forest Division of KB Asifabad district, Telangana-FP/TG/ROAD/119263/2021.

Sir,

Reference is invited to the subject mentioned above. The above proposal was discussed in the 72nd (part) Meeting of Standing Committee of National Board for Wild Life held on 12th June, 2023 under the Chairmanship of Hon'ble Minister for Environment, Forest & Climate Change.

2. After discussion, the Standing Committee decided to recommend the proposal subject to the following conditions:

- I. The User Agency shall provide 12 animal passages (6 in core and 6 in buffer), each of length of 30 m along the stretch of the road passing through the forest for which widening has been proposed at the locations indicated in the animal passage plan. Since the landscape has presence of tiger and gaur, the minimum height for proposed animal underpasses should be made 4 m.



- II. The underpasses shall have bell-mouth opening with splayed wing walls at both ends with grasses, herbs and shrubs to facilitate movement of wild animals.
- III. Chain link fencing shall be installed for a length of 100 m on either side of the underpasses on either side of the road which shall be periodically maintained by the User Agency. Special warning signs shall be placed where fencing ends.
- IV. The user agency shall install speed control devices with proper caution sign boards at animal crossing points identified by the FDO.
- V. The following mitigation plan as recommended by CCF/CF, Adilabad is approved for Rs.100.00 lakhs.

(Rs.in lakhs)

| Sl. No | Name of the item | Unit Cost | Qty. | Amt. |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------|-------|
| 1 | Engaging animal trackers (5 No. for 3 years @ 9,000 per month per person) | 0.09 per month per person | 5 No. | 16.20 |
| 2 | Erection of check gates to control wildlife entering to road along with chain link fencing for 50 m on either side of the check gate to curb movement of domestic animals and trespassers | 0.45 each | 10 No | 4.50 |
| 3 | Construction of solar powered percolation tank along with drilling of borewell. | 6.00 each | 1 No | 6.00 |
| 4 | Integrated camping site-creation of water sources by constructing major percolation tank (cost Rs.5.00 lakh) along with drilling and installation of two Solar Powered Borewells (cost Rs.3.50 lakh each) to fill the pumps along with a watch tower cum camping site | 20.00 each | 2 No | 40.00 |
| 5 | Management of Grasslands by uprooting obnoxious weeds and sowing locally collected grass seeds (including maintenance for 3 years) | 0.40 per ha | 20 ha | 8.00 |
| 6 | Raising of fodder plots with chain link fencing | 2.50 per ha | 2 ha | 5.00 |
| 7 | Procurement of camera traps | 0.25 each | 4 Nos | 1.00 |
| 8 | Development of approach path each to the integrated camping facility. | LS | LS | 1.00 |
| 9 | Procurement of equipment like GPS, binoculars etc., to monitor wildlife | LS | LS | 1.00 |



| | | | | |
|--------------|---------------------------------------------------------------------------------------------|---------------------------|-------|---------------|
| 10 | Installation of large hoardings | 1.00 each | 2 No | 2.00 |
| 11 | Conducting awareness programmes | 0.25 each | 4 No | 1.00 |
| 12 | Creation of fire lines and maintenance for 3 years | 0.25 per km | 15 km | 3.75 |
| 13 | Engaging fire watchers (5 No.for 3 years @9,000 month per person for five months in a year) | 0.09 per month per person | 5 No | 6.75 |
| 14 | Mitigation Human animal conflict issues | LS | LS | 2.00 |
| 15 | Administrative cost & unforeseen expenditure | As per actual | LS | 1.80 |
| Total | | | | 100.00 |

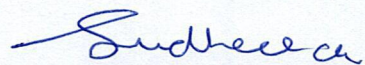
- VI. The works shall be carried out only between 8.00 AM to 4.00 PM without disturbing /damaging flora, fauna of the area.
- VII. No labour camp shall be set up during the execution of work.
- VIII. All the debris at the site of construction of under passes shall be removed after construction.
- IX. Care shall be taken to ensure no incidents of fire occur in the forest area. No explosives to be used.
- X. There shall be no violation of FCA Act or Wild Life (Protection) Act, during the execution of work.
- XI. Any other condition specified by the circle head/DFO/FDO shall be complied with.
- XII. The mitigation amount of Rs.100.00 lakh shall be deposited in the BIOSOT account of Chief Wild Life Warden in Union Bank, Secretariat Branch, Hyderabad bearing A/C No.110310100030284, IFSC Code UBIN0811033.
- XIII. The animal passages should be concrete (RCC) structures so as to enhance their longevity and minimize disturbances caused during annual repair / maintenance of otherwise bitumen structures. The approach to an animal crossing is a crucial factor in determining its use. Appropriate use of vegetation (trees, shrubs and grasses) can play a significant role in enhancing the naturalness of an engineered structure.
- XIV. User Agency should ensure that no drainage is blocked by desilting the existing water passageways and additional culvert(s) for passage of water may be provided wherever applicable. Box and pipe culverts need to be placed at additional places (wherever possible) permitting unhindered movement of smaller mammals, amphibians and reptiles. Details of these structures may be adopted from WII guidelines on linear infrastructures and placement of these structures should be decided in consultation with forest department.
- XV. The remaining portion of the road should be provided with speed breakers and rumble strips at every interval of 500 meters. Speed breakers and rumble strips should be appropriately marked to make

them visible to the drivers (both during day and night) so as to avoid vehicular accidents. Sign posts warning about movements of wild animals should also be placed by the user agency at regular intervals along the widened road. These should be placed where wildlife crossings are maximum and should be determined in consultation with forest department.

- XVI. The User Agency should ensure that the animal passages are not inundated with water during rains. Regular removal of debris and silts at the passage structures should be done by the project proponent.
- XVII. User Agency shall construct a forest check post along the road at the junction between core and buffer of the Tiger Reserve. The check post should be manned for 24X7 to monitor vehicular movement. Attempt should be made to regulate night traffic inside the core of the Tiger Reserve.
- XVIII. Construction work should be during daytime and no night camp of labours and contractor/ user agency officials inside the forest should be allowed.
- XIX. Construction materials (including top soil) should be procured from outside the forest area. The debris should be appropriately dumped outside the forest by user agency taking due care of air/dust pollution.
- XX. User Agency should ensure that the construction period is kept minimal.
- XXI. Chief Wild Life Warden, Telangana should have appropriate mechanism in place for compliance of the conditions laid in this report during various phases of project implementation.
- XXII. The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to the Government of India.

3. The minutes of the meeting have been posted online in the "PARIVESH" portal of this Ministry.

Yours faithfully,



(Dr. Sudheer Chintalapati)

Scientist 'E'

Email: sudheer.ch@gov.in

Copy to:

- 1. Chief Wild Life Warden, Forest Department, Aranya Bhavan, Saifabad, Hyderabad 500004.

2. Deputy Director General of Forests, Regional Office, Ministry of Environment, Forest and Climate Change, Chennai.
3. Inspector General of Forests, Sub-Regional Office, Ministry of Environment, Forest and Climate Change, Aranya Bhavan, 3rd Floor, Saifabad, Hyderabad-500004, Telangana.
4. Inspector General of Forests, FC Division, MoEF&CC.
5. Joint Secretary, IA Division, MoEF&CC.



(Dr. Sudheer Chintalapati)

Scientist 'E'

Email: sudheer.ch@gov.in