GOVERNMENT OF KARNATAKA

KARNATAKA FOREST DEPARTMENT

Hanur Wildlife Range, Hanur

Project proposed under CSR Fund

Name of Work: Human-Wildlife Conflict Mitigation:-

1) Deployment of Technology

Project Cost:- 37.00 Lakhs

14/10/25

Cauvery Wildlife Division, Kollegal

Sub: Projects proposed by Karnataka Forest Department under Wildlife Sector for funding through KFWCCMF

The details of the projects proposed to be undertaken through CSR funds from the KFWCCM Foundation are requested to be submitted in the following format, with i. One page Note, ii. Line Estimate & iii. Local Map

Sector	Wildlife
Name of the Project	**Human-Wildlife Conflict Mitigation:-** 1) Deployment of Technology Purchase of Drone, Camera Trap and GPS
Proposal submitted by Unit	Hanur Wildlife Range, Hanur
Total Project Cost (Rs. In Lakhs)	37.00
Coverage /Area (in Ha) & Forest Block	Hanur Wildlife Range, Hanur
Project Duration- In Years	1 Years
Project Implementing Agency: Department/Funding Agency	Karnataka Forest Department.
Objective of the Project	Using technically upgraded equipments for forest protection works.
Output (Activities/ Quantity)	1) Purchasing of New high resolution drone cameras for rescue operation and to monitor man-animal conflict- 02 No.s 2) Purchasing of New High version of Camera traps for monitoring wild animal movements and their behaviour -100 No.s 3) Purchasing of High accuracy GPS for forest related works-10 No.s
Justification/Essentiality	1) Drones: It required during animal rescue operation like Elephant, Tiger, Leopard capturing etc, and also it required during fire season to identify illegal movement in forest areas. 2) Camera traps: required to conduct Tiger Census and monitor the disposal of carcass of wild animals. And to monitor the movements of Elephant, Tiger, leopard. And helps to capture the illegal trespass. 3) GPS are required for Identification of Particular Location of forest area it helps during Assam of Crop damage in former Field.

Outcome (3 measurable outcomes)	1) During any rescue operation we can identify animal movement with high resolution drone camera. And it will reduce the risk of accidents during capture operation.
	2) In order to protect wild animals identifying there movement in forest area, and to avoid poaching and other illegal activities.
	3) During any forest related survey modernized equipments will give high precision results.
Whether, the proposed project is as per approved/proposed Management plan/Working Plan	YES

Brief note on the project proposed under CSR Fund

Activities proposed- Human-Wildlife Conflict Mitigation:-

1) Deployment of Technology.

Generally staffs deployed wildlife areas are assigned with responsibility of Protection of invaluable resource of flora fauna this Rich Diversity of forest area they become vulnerable to attacks by organized Hunters and smuggling gangs they equip with modern arms and ammunitions further every individual staffs (Watcher, Forest guard and DyRFO) are assigned with responsibility of protecting large area of forest. By foot and vehicle patrolling Hence, it is difficult to monitor all the sensitive areas regularly with manual monitoring.

- ❖ Advanced equipment will assist the field staff in monitoring and to create digital record of evidence for further management and legal issues.
- ❖ Advanced instruments useful in scientific study of animal behaviour and their movements.
- ❖ In order to locate problematic animals in conflict issues drone cameras will be helpful in the field and also save the time and effort of staff.
- ❖ Advanced Equipment Like Drone will help us in Elephant Capturing Operation's.

Details of Drone, Camera trap, GPS

Sl No.	Particulars	Qty	Rate	Amount
01	Drone Camera	2 No.s	450000	900000
02	Camera Trap	100 No.s	25000	2500000
03	GPS	10 No.s	30000	300000
	Total			**3700000**

- ❖ Hanur Wildlife Range has two sections for administration namely Shagya and Bandalli Sections. In each section has sensitive Forest area. So to monitoring the forest area from fire we need **drones** for each section.
- ❖ To conduct Tiger Census and monitor the disposal of carcass of wild animals. And to monitor the movements of Elephant, Tiger, leopard. And to monitor the movements hunters within Forest Area. So we need **Camera Traps** to monitor the above mentioned duty.
- ❖ Hanur Wildlife Range has 11 beats to protect the forest and wild animals. **GPS** device is helps to access the exact location in forest area and farmers land when wild animals made crop raid.

Map of Hanur Wildlife Range, Hanur