



Kappattagudda Wildlife Sanctuary



**CSR PROJECT PROPOSALS
BY KAPPATTA HILL'S RANGE,
MUNDARAGI, GADAG DIVISION.**

(Compiled for submission under Karnataka
Forest, Wildlife & Climate Change
Foundation (KFWCCMF) CSR Funding)

Project-9



Installation of Solar Pumping System & Construction of Water Troughs for Wildlife



(Compiled for submission under Karnataka
Forest, Wildlife & Climate Change
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IN BRIEF

Sector	Wildlife												
Name of the Project	Installation of Solar Pumping System & Construction of Water Troughs for Wildlife												
Proposal submitted by Unit	Kappatta Hills Range, Mundaragi, Gadag Forest Division												
Total Project Cost (Rs. In Lakhs)	35.00 Lakh												
Coverage/Area (in Ha) & Forest Block	Doni Fsy.No.150,146,141,143 Extent:1000Ha Kappatta Hills Range Forest Area												
Project Duration- In Years	2025-26 One Year												
Project Implementing Agency: Department/Funding Agency	Karnataka Forest Department - Gadag Forest Division												
Objective of the Project	<ul style="list-style-type: none"> • To ensure year-round water availability for wildlife inside the sanctuary. • To provide sustainable and eco-friendly water supply using solar energy. • To minimize human-wildlife conflict by reducing the need for animals to move towards human settlements in search of water. 												
Output (Activities/ Quantity)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">1</td> <td>Digging of Borewells</td> <td style="width: 30%;">02 Nos</td> </tr> <tr> <td>2</td> <td>Installation of Solar Pumping System</td> <td>02 Nos</td> </tr> <tr> <td>3</td> <td>Construction of Water Troughs for Wildlife</td> <td>02 Nos</td> </tr> <tr> <td>4</td> <td>Pipeline Connection & Storage Tank</td> <td>02 Nos</td> </tr> </table>	1	Digging of Borewells	02 Nos	2	Installation of Solar Pumping System	02 Nos	3	Construction of Water Troughs for Wildlife	02 Nos	4	Pipeline Connection & Storage Tank	02 Nos
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2	Installation of Solar Pumping System	02 Nos											
3	Construction of Water Troughs for Wildlife	02 Nos											
4	Pipeline Connection & Storage Tank	02 Nos											
Justification/Essentiality	<ul style="list-style-type: none"> • During summer, acute water scarcity in Kappattagudda Wildlife Sanctuary affects wildlife survival. • Large mammals and birds are forced to travel long distances, increasing risk of conflict with humans near villages and farmlands. • Borewells with solar-powered pumps will provide a reliable, renewable, and cost-effective water source. • Ensures wildlife welfare while supporting CSR goals of environmental sustainability and biodiversity conservation. 												
Outcome outcomes (3measurable)	<ul style="list-style-type: none"> • Wildlife Water Security – Continuous water availability throughout the year for herbivores, carnivores, and birds. • Conflict Reduction – Wildlife straying towards agricultural areas for water will decrease significantly. • Eco-friendly Infrastructure – Adoption of solar technology will reduce carbon footprint and long-term maintenance burden. 												

Whether, the proposed project is as per approved/proposed Management plan/Working Plan	YES
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Deputy Conservator of Forests
Gadag Division Gadag

PROJECT NOTE

1. Objective of the Project

- To ensure year-round water availability for wildlife inside the sanctuary.
- To provide sustainable and eco-friendly water supply using solar energy.
- To minimize human–wildlife conflict by reducing the need for animals to move towards human settlements in search of water.

2. Output (Activities & Quantity with Estimated Cost)

Sl. No	Activities Proposed	Quantity
1	Digging of Borewells	02 Nos
2	Installation of Solar Pumping System	02 Nos
3	Construction of Water Troughs for Wildlife	02 Nos
4	Pipeline Connection & Storage Tank	02 Nos

3. Justification / Essentiality

- During summer, acute water scarcity in Kappattagudda Wildlife Sanctuary affects wildlife survival.
- Large mammals and birds are forced to travel long distances, increasing risk of conflict with humans near villages and farmlands.
- Borewells with solar-powered pumps will provide a reliable, renewable, and cost-effective water source.
- Ensures wildlife welfare while supporting CSR goals of environmental sustainability and biodiversity conservation.

4. Outcomes (Measurable)

- Wildlife Water Security – Continuous water availability throughout the year for herbivores, carnivores, and birds.
- Conflict Reduction – Wildlife straying towards agricultural areas for water will decrease significantly.
- Eco-friendly Infrastructure – Adoption of solar technology will reduce carbon footprint and long-term maintenance burden.

LINE ESTIMATE

Sl. No	Activities Proposed	Quantity	Estimated Cost (in Lakhs)
1	Digging of Borewells	02 Nos	10.00
2	Installation of Solar Pumping System	02 Nos	12.00
3	Construction of Water Troughs for Wildlife	02 Nos	06.00
4	Pipeline Connection & Storage Tank	02 Nos	07.00
Total			35.00

(Rates are indicative; actual procurement will follow Government e-Procurement norms.)


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