



## **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 Foundation (KFWCCMF) CSR Funding)

## 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"> <li>To ensure year-round water availability for wildlife inside the sanctuary.</li> <li>To provide sustainable and eco-friendly water supply using solar energy.</li> <li>To minimize human–wildlife conflict by reducing the need for animals to move towards human settlements in search of water.</li> </ul>								
Output (Activities/ Quantity)	<table> <tr> <td>1 Digging of Borewells</td><td>02 Nos</td></tr> <tr> <td>2 Installation of Solar Pumping System</td><td>02 Nos</td></tr> <tr> <td>3 Construction of Water Troughs for Wildlife</td><td>02 Nos</td></tr> <tr> <td>4 Pipeline Connection &amp; 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"> <li>During summer, <b>acute water scarcity</b> in Kappattagudda Wildlife Sanctuary affects wildlife survival.</li> <li>Large mammals and birds are forced to travel long distances, increasing risk of <b>conflict with humans</b> near villages and farmlands.</li> <li>Borewells with <b>solar-powered pumps</b> will provide a reliable, renewable, and cost-effective water source.</li> <li>Ensures wildlife welfare while supporting CSR goals of <b>environmental sustainability and biodiversity conservation</b>.</li> </ul>								
Outcome (3measurable outcomes)	<ul style="list-style-type: none"> <li><b>Wildlife Water Security</b> – Continuous water availability throughout the year for herbivores, carnivores, and birds.</li> <li><b>Conflict Reduction</b> – Wildlife straying towards agricultural areas for water will decrease significantly.</li> <li><b>Eco-friendly Infrastructure</b> – Adoption of solar technology will reduce carbon footprint and long-term maintenance burden.</li> </ul>								

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.)*

  
**Deputy Conservator of Forests**  
**Gadag Division Gadag**