

## Project No. 5

<b>Sector</b>	<b>Eco-Restoration (Forestry)</b>	
<b>Project Name</b>	<b>Eco-restoration of mining affected area of Swarnamuki reserve Forest Block (2553.67 Ha), Hiriyur Range, Chitradurga</b>	
<b>Submitted by</b>	Karnataka Forest Department	
<b>Project Cost</b>	<b>INR 19.50 Cr.</b>	
<b>Coverage</b>	<b>Swarnamuki reserve Forest Block (2553.67 Ha)</b>	
<b>Duration</b>	Long Term (> 5 Years)	
<b>P I A</b>	Karnataka Forest Department, Chitradurga	
<b>Objective</b>	Eco-restoration of mining affected forest areas	
<b>Output</b>	<p><b>I. Forest Protection and Boundary Consolidation Works</b></p> <ul style="list-style-type: none"> <li>○ Erection of barbed wire fencing with RCC pillars- 8 Km</li> </ul> <p><b>II. Afforestation works in Forest Areas</b></p> <ul style="list-style-type: none"> <li>• <b>Model A- Ecological Restoration</b> <ul style="list-style-type: none"> <li>• Fire lines- 50 Km/Year</li> <li>• Fire equipment- 5 Nos/year</li> </ul> </li> <li>• <b>Water conservation work</b> <ul style="list-style-type: none"> <li>○ Check dams- 4 Nos; New tank- 1 No</li> <li>• Nala Bunds- 11 Nos</li> <li>○ Percolation trenches - 2000 Cum</li> </ul> </li> <li>• <b>Model B- Assisted Natural Regeneration Planation- 300 Ha</b></li> </ul>	<p><b>III. Afforestation works in outside Forest Areas</b></p> <ul style="list-style-type: none"> <li>• <b>Model E- Strip Plantation - 6 Km</b></li> <li>• <b>Model G- Farm Forestry</b> <ul style="list-style-type: none"> <li>○ Seedlings distribution- 4000 nos</li> </ul> </li> <li>• <b>Community/Beneficiary oriented activities</b> <ul style="list-style-type: none"> <li>○ Solar lamps - 1900 Nos</li> <li>○ Awareness programs – 510 nos</li> </ul> </li> <li>• <b>Dept. Modernization</b> <ul style="list-style-type: none"> <li>○ Drone- 1 No; cages- 2 Nos</li> <li>○ Camera traps- 4 Nos</li> <li>○ GPS- 1 No; Camera- 1 No</li> </ul> </li> </ul>
<b>Justification</b>	<ul style="list-style-type: none"> <li>• The Forest areas are adversely affected due to Mining activities including transportation of the ore in the region.</li> <li>• It is therefore required to rejuvenate these Mining-affected and degraded forests for improving forest productivity, forest cover and biodiversity, in addition to meeting local needs like fodder, small timber.</li> </ul>	
<b>Outcome (Expected Measurable Benefits)</b>	<ul style="list-style-type: none"> <li>• Improved forest cover, productivity, and biodiversity</li> <li>• Improvement of local ecosystem services (water recharging, soil protection, food/ fodder/ fuelwood, etc).</li> <li>• Increase in productivity of adjoining farmlands</li> </ul>	