

## Project No. 9

<b>Sector</b>	<b>Eco-Restoration (Forestry)</b>	
<b>Project Name</b>	<b>Eco-restoration of mining impacted Santhebande state Forest Block (4509.57 Ha), Molakalmuru Range, Chitradurga</b>	
<b>Submitted by</b>	Karnataka Forest Department	
<b>Project Cost</b>	<b>INR 3.32 Cr.</b>	
<b>Coverage</b>	<b>Santhebande Reserve Forest (1315.26 Ha)</b>	
<b>Duration</b>	2 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>III. Forest Protection and Boundary Consolidation Works</b></p> <ul style="list-style-type: none"> <li>○ Erection of barbed wire fencing with RCC pillars- 3 Km</li> </ul> <p><b>IV. Afforestation works in Forest Areas</b></p> <ul style="list-style-type: none"> <li>• <b>Model A- Ecological Restoration – 300 Ha</b> <ul style="list-style-type: none"> <li>• Fire protection works-20 KMs/year.</li> <li>• Fire equipment- 10/year</li> <li>• Fire watchers- 4/year</li> <li>• Watch tower- 1</li> <li>• Construction of check dams- 3</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Creation of percolation tanks- 2500 Cum</li> <li>• Construction of New tanks- 3</li> <li>• Construction of Nala bunds- 3</li> <li>• Construction of Gully checks- 2500 Cum.</li> <li>• <b>Model B- Assisted Natural Regeneration Planation- 50 Ha</b></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>• Approx. 4 villages in and around forest area are dependent on this forest for fuel, fodder, and recharge of ground water.</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, forest stock, 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> <li>• Improvement in the socio-economic conditions of the fringe villagers.</li> </ul>	