

Project No. 5

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