

Project No. 3

Sector	Eco-Restoration (Forestry)	
Project Name	Eco-restoration of mining affected Hireadavi reserve Forest block (2692.48 Ha.), Molakalmuru Range, Chitradurga	
Submitted by	Karnataka Forest Department	
Total Project Cost	INR 10.72 Cr.	
Coverage	Hireadavi State Forest (2692.49 Ha.)	
Project Duration	Long Term (> 5 Years)	
PIA	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"> Barbed wire fencing with RCC pillars- 10 Km <p>II. Afforestation works in Forest Areas:-</p> <ul style="list-style-type: none"> Model A- Ecological Restoration- 500.00 Ha. <ul style="list-style-type: none"> Creation of fire lines- 50 Km/ year Purchase of firefighting equipment- 10 Nos/Year Fire watchers- 8 Nos Watch towers- 4 Nos Water conservation work <ul style="list-style-type: none"> Check dams- 5 Nos Percolation Trenches - 5000 Cum New Tanks- 4 Nos; Nala Bunds- 5 Nos Gully checks- 5000 Cum Model B- Assisted Natural Regeneration Plantation- 100 Ha 	<p>III. Afforestation works in outside forest areas: -</p> <ul style="list-style-type: none"> Model F- Institutional Plantation- 5 Ha Model G- Farm Forestry <ul style="list-style-type: none"> Raising of 8"X12" seedlings for distribution- 9000 Plants Solar lamps- 1000 Nos Solar lights- 140 Nos Awareness programs on forest fire and wildlife management- 1050 Nos Drone- 1 No Camera Traps- 4 Nos Cages- 2 Nos; GPS- 2 Nos Dev. of exiting MDM nursery in Molakalmuru- 1 No Dev. of existing Salumarada Thimmakka Tree Park Molakalmuru- 1No
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 	