

Project No. 1

Sector	Eco-Restoration (Forestry)	
Project Name	Eco-restoration of mining affected Challakere reserve Forest block (494.00 Ha.), Challakere Range, Chitradurga	
Submitted by	Karnataka Forest Department	
Project Cost	INR 8.41 Cr.	
Coverage	Challakere State Forest (494.00 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"> • Barbed wire fencing with RCC pillars around periphery- 4 Km • Chain Link fencing around periphery- 5 km <p>II. Afforestation works in Forest Areas:-</p> <ul style="list-style-type: none"> • Model A- Ecological Restoration- 494.00 Ha. <ul style="list-style-type: none"> ◦ Creation of fire lines- 50 Km ◦ Purchase of firefighting equipment- 4 Nos/Year • Water Conservation Works <ul style="list-style-type: none"> ◦ Check dams- 2 Nos ◦ Percolation Trenches- 1175 Cum ◦ New Tank- 1 No; Nala Bunds- 3 Nos • Model B- Assisted Natural Regeneration Plantation- 25 Ha <ul style="list-style-type: none"> ◦ Maintenance of older plantation- 50 Ha 	<p>III. Afforestation works outside forest areas: -</p> <ul style="list-style-type: none"> • Model E- Strip Plantation- 12 Km • Model F- Institutional Plantation- 3 Ha • Model G- Farm Forestry <ul style="list-style-type: none"> ◦ Raising of seedlings for distribution- 12300 Plants • Upgradation of modern/high tech nursery Challakere Nursery • Solar lamps- 300 Nos; Solar lights- 32 Nos • Awareness programs - forest fire and wildlife management- 8 Nos • Skill training for unemployed- 88 Nos • Camera Traps- 2 Nos. • Cage- 2 nos; GPS- 2 Nos • High resolution camera- 1 Nos • Development of existing Salumarada Thimmakka Tree Park Challakere
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 	