

Project No. 6

Sector	Eco-Restoration (Forestry)		
Project Name	Eco-restoration of mining affected area of Marikanive reserve forest block (11061.52 Ha) and Yalladakere MF Block (504.99 HA) in Hiriyur, Chitradurga		
Submitted by	Karnataka Forest Department		
Project Cost	INR 20.20 Cr.		
Coverage	Marikanive reserve forest block (11061.52 Ha) and Yalladakere MF Block (504.99 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</p> <ul style="list-style-type: none"> ○ Barbed wire fencing and RCC Pillars- 9 Km <p>II. Eco Tourism Activities</p> <ul style="list-style-type: none"> ○ Construction of Nature Camps (Bamboo Huts)- 3 Nos ○ Bamboo Souvenir Shop- 1 Nos ○ kitchen block- 1 Nos ○ Fencing around nature camp- 0.5 Km ○ Solar lamps and installation charges- 4 Nos ○ Generator- 1 Nos ○ New Borewell- 1 Nos ○ Interpretation centre (40 Sq ft.)- 1 Nos ○ Restoration of trekking path- 15 Km ○ Construction of Pargola- 3 Nos ○ Construction of toilets- 1 Nos ○ Advertisement and publicity – 5 Nos 	<ul style="list-style-type: none"> ● Water Conservation works. ○ Check dams- 6 Nos. ○ Percolation Trenches (4x0.5x0.5)- 6000 Cum ○ Gully Checks- 1000 Cum ○ Water holes- 11 Nos ○ New Tanks- 5 Nos ○ Nala Bunds- 9 Nos ● Model B- Assisted Natural Regeneration Plantation- 125 Ha ○ Raising of plantation and maintenance - 125 Ha <p>IV. Afforestation works in and outside Forest Areas</p> <ul style="list-style-type: none"> ● Model E- Strip Plantation (Roadside plantation)- 6 Km ○ Roadside Plantation & Maintenance - 6 Kms ● Model F- Institutional Plantation- 3 Ha ○ Raising of Plantation - 3 Ha ● Model G- Farm Forestry ○ Seedlings for distribution- 0.90 Lakh Plants ● Community beneficiary oriented activities ○ Solar lamps to fringe villagers- 250 Nos 	

	<ul style="list-style-type: none"> ○ New Gravel road- 20 Kms ○ Parking space at viewpoint- 1 Nos ○ Engaging watchers, naturalist and drivers for maintenance of nature camp- 12/year ○ Sign Boards- 50 Nos ○ Books, Journals and magazines and study materials – 455 Nos ○ Water pipeline and drainage facilities- 1 Nos ○ Binoculars- 20 Nos <p>III. Afforestation works in Forest Areas</p> <ul style="list-style-type: none"> ● Model A- Forest Restoration ○ Creation of fire lines- 200 Km/year ○ Purchase of fire equipment's- 10/year ○ Est. of fire protection camps- 2/year ○ Hiring of vehicles during fire season- 5 months ○ Construction of watch towers- 5 Nos 	<ul style="list-style-type: none"> ○ Solar streetlights to fringe villagers- 25 Nos ○ Awareness program for school children- 5 Programs ○ Awareness Programs and skill training- 100 Nos <p>● Infrastructure Development</p> <ul style="list-style-type: none"> ○ Procurement of drones- 1 Nos ○ Procurement of Camera traps- 20 Nos ○ Procurement of cage- 5 Nos ○ Procurement of GPS- 3 Nos ○ High resolution camera- 3 Nos ○ Development for Existing Pavithravana at Marikanive Dam in Hiriyuru Range ○ Development for Existing Salumarada Thimmakka Tree Park Hiriyur
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