



KARNATAKA MINING ENVIRONMENT RESTORATION CORPORATION

(Govt of Karnataka Undertaking)

kmerc2014@gmail.com

No. KMERC/HO/FOREST/24/2024-25

Date: 05.08.2024

Subject: Administrative approval for *"Treatment Plan project for Eco-Restoration of Mining affected Bandravi State Forest Block in Molakalmuru Taluk, Chitradurga District."*

Ref:

- 1 6th Oversight Authority meeting Dated: 16.11.2022
- 2 KMERC office letter No. KMERC/CEPMIZ/HO/Forest/24/2022-23/1627 Dated: 03.12.2022
- 3 Principal Chief Conservator of Forests (HOFF) Letter E-office File No: KFD/HOFF/A5-4(GEL)/2/2023-(FC) Dated: 10.08.2023
- 4 Additional Chief Secretary, Forest, Ecology and Environment department, Letter No: ಅಷ್ಟೇ 50 ಎಫ್‌ಎಲ್‌ಎಂ ದಿನಾಂಕ: 08.09.2023
- 5 KMERC Project Appraisal Committee Meeting dated: 15.11.2023
- 6 DCF Chitradurga Letter No: ಸಂಖ್ಯೆ: ೩/KMERC/CEPMIZ/ಸಿ.ಆರ್-08/2023-24 ದಿನಾಂಕ: 20.06.2024.
- 7 CCF Ballary Letter No: ಸಂಖ್ಯೆ: ೧/ಬಜೆಟ್ /ಕೆ.ಎಂ.ಇ.ಆರ್.ಸಿ/ಡಿಪಿಆರ್/ ಸಿ.ಆರ್-24/2024-25 ದಿನಾಂಕ: 24.07.2024
- 8 GO No: CI 215 MMM 2022 BENGALURU Dated: 13.03.2023
- 9 Oversight Authority 13th Meeting Dated: 09.02.2024

Preamble:

The Karnataka Forest Department Project for *"Eco-Restoration of Mining affected Bandravi State Forest Block"* under Comprehensive Environmental Plan for Mining Impact Zone (CEPMIZ) as ameliorative and mitigative measures to be implemented in the district of Chitradurga was approved by the Oversight

Authority appointed by Hon'ble Supreme Court vide its order dated: 21.04.2022, vide ref. (1) and the Proposed Approval was communicated vide ref letter (2) to submit DPR for the Proposed project, as per the guidelines communicated along with.

Brief details of the project is as detailed below.

SI No	District	Sector	Sub-Sector	Project	Project Cost approved by OA (In Lakhs)
1	Chitradurga	Eco-restoration	Forestry	<i>"Eco-Restoration of Mining affected Bandravi Reserve Forest Block"</i>	1090.90
Total Rs. in Lakhs					1090.90

Principal Chief Conservator of Forests (HOFF) after technical scrutiny by Chief Conservator of Forests, Ballari Circle, for *"Eco-Restoration of Mining affected Bandravi Reserve Forest Block"* in Molakalmuru Taluk of Chitradurga District has requested Administrative approval for an amount of Rs 1046.93 Lakhs vide ref letter (3) above. The DPR was forwarded by Additional Chief Secretary to Govt, Forest, Ecology and Environment department vide ref letter (4) above.

The DPR is reviewed by the Appraisal Committee on 15.11.2023 vide ref (5) above with regard to the output and outcomes for which the project was approved by the Oversight Authority with certain observations. The compliance to the observation was made by the department vide ref (6) and (7) above. Variations in the Project outputs were accepted and approved by the Oversight Authority vide ref (9) above. As per delegation of financial powers assigned vide ref. (8) it is decided to accord administrative approval of the project.

Sl No	Name of the project	Cost approved by OA (Rs in Lakhs)	Cost Recommended by HOD ie (Rs in Lakhs)	Amount Recommended by Appraisal Committee of KMERC (Rs in Lakhs)	Amount Approved (Rs in Lakhs)
1	<i>"Eco-Restoration of Mining affected Bandravi Reserve Forest Block"</i>	1090.90	1046.93	1046.93	1046.93

ADMINISTRATIVE APPROVAL ORDER No. CEPMIZ /2024-25/01/KFD/C/
KMERC/00285, Dated: 05.08.2024

As explained in the preamble, and as per approval of the KMERC Appraisal Committee vide ref. (5), and as per GO vide ref. (8) above, the administrative approval of the below mentioned project, as per enclosed Annexure, is hereby accorded for,

"Eco-Restoration of Mining affected Bandravi Reserve Forest Block" For Rs. 1046.93 Lakhs (Rupees one thousand and forty six lakhs and ninety three thousand only)

While implementing/executing the Project, the concerned Implementing Agency should strictly adhere to following conditions:

A. General conditions: -

1. The approved Project should be taken up as per the prevailing norms / rules of the Implementing Department.
2. All Works and procurements should be carried out strictly following KTPP act duly calling tenders in E-procurement portal. For any violation concerned implementing authority shall be responsible.
3. The Implementing Agency should ensure that the works approved by KMERC are not executed under any other Schemes/ Department including DMF Funds.
4. The funds earmarked and approved for the proposed category/categories/location(s) of works, must be utilized exclusively for

the respective category/categories/location(s) of works only, and cannot be diverted for other categories/location(s) of works. Prior approval from KMERC should be taken for the expenditure to be made against the lump sum provisions in the DPR.

5. The concerned Administrative Department/ Implementing Agency may not entrust the implementation of the approved work(s) to another Administrative Department/ Implementing Government Agency without the permission of KMERC.
6. The projects are to be taken up only on undisputed Govt. land/ community land with the prior approval of the concerned revenue authority to avoid any legal complications. The concerned Administrative Department/ Implementing Agency shall be solely responsible for ensuring compliance to all related obligations/legal requirements including but not limited to Environmental/Forest Clearances, queries under RTI, Social Audits or any stakeholder consultations, as may be required for implementation of works approved by KMERC. The activities to be taken up within the forest areas shall necessarily conform to the Approved Working Plans of the Karnataka Forest Department
7. A Board depicting Project details be erected at a conspicuous place mentioning the details of the scheme / year of execution/ project cost/ Executing Department & Agency/ date of commencement & completion/Defect liability period etc., in both Kannada and English language, as provided in the KMERC Website.
8. The works shall be carried out as per the standard specification of items in the sanctioned estimate. Mandatory quality check(s) should be conducted by designated qualified staff at different levels, as per the approved norms of the concerned Administrative Department/ Implementing Government Agency. Inspection & Quality control register shall invariably be maintained for each work of the project and the quantity of works shall also be duly checked and verified and should be made accessible to KMERC during Inspection and provide copies, whenever sought.

9. Progress report of the project shall be periodically (monthly/quarterly/annually/project-end) uploaded on the KMERC portal & Digital copies of the same should be sent to KMERC, along with photos with geo-coordinates and small-sized videos at every stage of project-implementation.
10. On completion of the approved project, a consolidated report of the work done, and assets created (if any) shall be submitted to KMERC. Details of completed project should be incorporated in Google Earth and the duly verified Kmz/Kml file be sent to KMERC for record.
11. The department shall maintain Asset register for all the assets created under the CEPMZ Project.
12. The CEPMZ asset created shall not be disposed off, encumbered or utilized for purpose other than for which funds have been provided by KMERC.
13. Prior approval from KMERC shall necessarily be taken for any change in the cost, scope or location of the project work approved hereunder.
14. Funds for the project are readily available and will be released based on progress. No additional funds, over and above the amount sanctioned hereby are provided, due to Tender premium, delay in execution or any other reason.
15. Administrative costs including amount required for project implementation, Supervision, Monitoring at District level & HQ level, Documentation Evaluation, and other contingencies shall be limited to 1% of the project cost, which would be as per actuals. The approval of KMERC would be obtained for incurring the expenditure under this Head.
16. The cost of DPR preparation shall be reimbursed /provided as per the actual requirement, which could be based on the guidelines/ norms of the kind of works and arrived as per KTPP Act.

17. The executing agency shall prepare the list of the Villages/beneficiaries (wherever applicable) who are to benefit from the projects and provide to KMERC & upload in the KMERC portal.
18. Success stories of the implemented projects are to be prepared and provided to KMERC by the executing agencies after completion of the projects.
19. Separate account/cash book are to be maintained at the executing agency level for the scheme. The books of Accounts of the Implementing Government Agency may be scrutinized periodically by the Internal Auditor of KMERC, as well as annually by Accountant General.
20. Utilization Certificates should be submitted after utilization of funds released.
21. Concerned department shall ensure internal Audit of the CEPMIZ project expenditure, annually and submit the report to the KMERC, along with Action Taken Report.
22. The concerned Administrative Department/ Implementing Government Agency shall ensure the post-project sustainability in terms of the Operations and Maintenance (O&M) aspects of the project works, as agreed during submission of the proposal.
23. The Department shall prepare a detailed statement of expenditure periodically (monthly/quarterly/annually) and submit hard copy and upload it in the KMERC portal.
24. The Implementing Agency shall also carry out concurrent monitoring and 3rd party evaluation of the project and shall share reports to KMERC and on its portal.
25. Funds will be released based on the monthly/ milestone based physical progress. The Implementing Agency should submit the details of child account, IFSC Code, Bank names etc., for transfer of funds by KMERC.

26. The Implementing Department/Agency shall be responsible for all payments made or recommended by it to be made on account of the project.
27. The prescriptions/directions/instructions given in the financial management guidelines and the project implementation manual prepared and published in the KMERC Website should be followed, where ever applicable. All registers, formats, documents, records should be maintained as said in the guidelines.

B: Project specific conditions: -

28. Works should be carried out in conformity with the prescriptions of Working Plan prescribed for the Forest area and on watershed basis.
29. Works in violation of provisions of Forest Conservation Act 1980, should not be undertaken.
30. Implementing agency should strictly follow the instructions given in the circular of Principal Chief Conservator of Forests (Development) in his letter No: KFD/DEV/B1AB/KMERC/1/2022 E-758294 Dated: 02.03.2023 as updated from time to time. Works not permitted therein will not be considered for payment.
31. Implementing Agency should lay required Number of demarcated sample plots in the project area for monitoring the changes /Outcomes.
32. Before execution of activities, Site specific plans need to be prepared and approved by concerned officers at circle level.
33. CCF/CF of the concerned forest circle should examine and recommend the work expenditure bills of completed works to KMERC for release of funds.
34. Payments for DPR Preparation cost should be made as per actuals keeping in mind the cost of the project.
35. Activities outside the Forest area may be got done/executed through Social Forestry wing and Survey and Demarcation works through working

plan wing of the department and the fund release is only through DCF Territorial as agreed by PCCF (Development) during the Project Appraisal Committee meeting held on 20.05.2023.

36. Suggested to construct all Check dams with RCC structures, keeping in mind the longevity of the structure.
37. Not to take up raising of seedlings for public distribution for farm forestry work in the areas, covered by watershed development project, to avoid the overlapping /duplication of work.
38. Regarding skill development to fringe village community, activities like providing driving licence for unemployed youth, Home appliance trainings like mobiles and electrical repairs, computer skills training etc. which are not the domain of the department may be avoided. Instead, forestry-based skill development activities like processing, value addition of NTFP Products, timber related works like handicrafts making (Toys, Showpiece etc) using small timbers, could be undertaken. Even skill training on agriculture and allied sector, viz. pickle making, papad making, agarabathi manufacturing, apiculture, arecanut or butea etc. plates manufacturing, nursery development, etc. can also be undertaken. If the village is covered under watershed project, such activities need to be verified whether it is planned by the Department under Livelihood component of the Watershed Project or not before implementation.
39. If there are any areas of abandoned mine leases within the project area, mines department to be consulted as to how much area out of the abandoned leased area is having reserves of ore and will be proposed for future mining and such areas need to be excluded from treatment. If the area is exhausted of the mineral reserve and no more mining are to be granted in future, such areas should be taken up for treatment.
40. The works scheduled to be carried out each year in the project implementation calendar should be shifted to the succeeding year/subsequent year since the calendar year 2023-24 has progressed before issue of administrative approval and so is the expenditure schedule. The cost should be limited to Administrative approval cost sanctioned for the project.

41. The barbed wire fencing or Chain link mesh fencing undertaken newly should not require maintenance for first three years and maintenance expenditure should not be incurred during this period.



SL/2/29

Managing Director
KMERC

To,

1. Additional Chief Secretary to Government, Forest, Ecology and Environment Department, Bengaluru.
2. Principal Chief Conservator of Forests (Head of Forest Force), Bengaluru.
3. Chief Conservator of Forests, Ballari.
4. Deputy Commissioner, Chitradurga District
5. Deputy Conservator of Forests, Chitradurga Division
6. Chief Finance Officer, KMERC, Bengaluru.

Copy for Kind Information,

1. PS to Hon'ble Minister for Mines, Govt. of Karnataka, Bengaluru.
2. PS to Additional Chief Secretary to Government & Development Commissioner & Chairman, KMERC, Bengaluru.
3. PS to Secretary to the Govt. (MSME & Mines) of Karnataka, Bengaluru

Annexure to Administrative Approval order no: CEPMIZ/2024-25/011 KFD | C1ICMERC

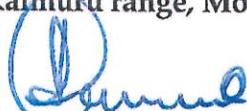
2.1 Project Glance: 00285 Dated: 05.08.2024

Sector	Eco-restoration
Sub-Sector	Forestry
Standalone project or in convergence	Standalone project
Project name	ECO-RESTORATION OF MINING IMPACTED BANDRAVI STATE FOREST BLOCK IN MOLAKALMURU RANGE
Project type:	New
New/ Upgradation / Strengthening/ Rejuvenation	
Proposal submitted by	Chitradurga Forest Division
Govt. Implementing Agency	Karnataka Forest Department
Project Location/ Coverage	BANDRAVI SF- 1306.87 MOLAKALMURU Taluk, Chitradurga District
Total Project Cost (INR in Lakh)	1046.930
Project Duration (years)	2023 - 2031
Project Objectives	<ol style="list-style-type: none">1. To restore the Bandravi State Forest ecosystem through consolidation of boundary and peripheral protection measures.2. To improve forest productivity, vegetative cover, growing stock and biological diversity of the project area.3. To improve the soil moisture regime, ground water table through effective drainage line treatments4. To increase tree cover outside forest5. To improve livelihood of local people

Project Outcomes List

Sl. No	Major Envisaged Outcomes	Key Performance Indicator (KPI) for measuring the Outcome	Assumptions/ Risks in choice of KPI
1	Enhanced forest and boundary preservation Augmented forest productivity and rejuvenation	Incidences of forest fire, illicit felling, trespassing & encroachments	Measuring occurrences of forest fires, illegal logging, unauthorized access, and land encroachment.
2	Improved forest productivity & biodiversity, Increased vegetation cover, biomass	Diversity indices, no of stems/Ha, Basal area/Ha	The sampling plot method is utilized to analyze and quantify the KPIs.
3	Enhanced soil moisture regime and efficient Soil Moisture Conservation (SMC) structures.	Level of ground water table	The groundwater table level is influenced by various factors.
4	Increased trees outside forest areas (TOF)	Length (Km) of plantation in roads and extent (Ha) of plantation in institutions	A minimum of 80% survival rate is required for the seedlings planted along roads and in institutional areas.
5	Improved eco- tourism activities	Number of visitors, revenue.	The number of visitors varies depending on the season and other influencing factors.
6	Improved socio- economic status of the fringe villagers	Per capita income fringe villagers, reduced dependency on forest	The per capita income is influenced by various factors. The level of dependence on the forest can be assessed by quantifying the reduction in activities such as lopping, grazing, and firewood collection.


Range forest Officer
Molakalmuru range, Molakalmuru


Chief Conservator of forests,
Bellary Circle, Bellary


Assistant conservator of forests,
Chitradurga sub division, chitradurga


Principal Chief Conservator of
Forests (FC), Bengaluru


Deputy Conservator of forests,
Chitradurga division, chitradurga


Managing Director,
KMERC, Bengaluru

ಸರ್ಕಾರದ ಅಧಿಕ್ಷೇತ ಕಾರ್ಯದರ್ಶಿ
ಅರಣ್ಯ, ಜೀವಪರಿಸ್ಥಿತಿ ಮತ್ತು ಪರಿಸರ ಇಲಾಖೆ
(ಅರಣ್ಯ-೨)

Project Outputs List					
Sl. no		Major Project Outputs	Measuring Unit (Ha/ Km/ any other)		Total Cost (Lakh Rs.)
			Ha/Km	No	
1	Forest protection & boundary consolidation measures	Barbed Wire Fencing with RCC Pillar	Km	30	558.854
		Maintenance of Barbed Wire Fencing	Km/Per year 30 Km	180	
		Construction of Forest Protection Camp	Nos.	2	
		Engaging Forest Protection Camp Watchers	Nos.	42	
		Construction of Check post	Nos.	1	
		Engaging Check post watchers	Nos.	28	
2	Protection of Forest from Fire	Fire Line Maintenance (50 Kms/ Year)	Km	350	94.153
		Providing Fire Watchers @ 554.8/Day for 151 Days	Nos	42	
		Hiring of Vehicle during Fire Season for 5 Months	Nos	7	
		Construction of Watch Towers	Nos	3	
3	Water conservation	Rejuvenation of Old Tank, Ponds and Fixing Name Boards	Nos	3	82.216
		Creation of New Tanks	Cum	1	
		Construction of Check Dams	Cum	5	
		Excavation of Staggered Trenches (4*0.5*0.5) (Cum)	Cum	2000	
4	Model-B : Assisted Natural Regeneration Plantation 75 Ha	Advance Work	Ha	75	135.745
		Raising & Maintenance of Plantation	Ha	75	
		1st Year Maintenance	Ha	75	
		2nd Year Maintenance	Ha	75	
		3rd Year Maintenance	Ha	75	
		4th Year Maintenance	Ha	75	
		5th Year Maintenance	Ha	75	
5	Other activities	Purchase of Drones	Nos	1	151.046

	Purchase of Cameras	Nos	1
	Purchase of Camera Traps	Nos	3
	Upgradation of View point	Nos	1
	Creation of Ticket counter	Nos	1
	Purchase of kids outdoor Play equipment's at View Point	Nos	10
	Skill Development Programs		
	1. Providing Driving Licence For Unemployed Youths	Nos	210
	2. Home Appliance Trainings like Mobiles and Electrical Repairs	Nos	210
	3. Computer Skills training	Nos	210
	4. Tailoring Training to the women with Providing of sewing machine @ 50% subsidy	Nos	210
	5. Nursery Development training	Nos	210
	6. Local raw material products development skills training like : Pickle making, Agarbathi manufacturing, Apiculture, Arecanut Plates manufacturing	Nos	210
6	Model G : Farm Forestry	Raising Seedlings for Public Distribution as KAPY Model (8"x12")	Nos
		Incentives to the farmers- 1st Year	Nos
		Incentives to the farmers- 2nd Year	Nos
		Incentives to the farmers- 3rd Year	Nos
7	Administrative Cost including Tender Notification Charges Office Expenses @ 0.5% of the Project Cost		
8	Monitoring and Evaluation @ 0.5% of the Project Cost		
9	Preparation of DPR		
	Grand Total Includes Administrative Cost and Cost of DPR		
			1046.930

Table No. 2.2 Project Implementation and Expenditure Schedule

Abstract of budget requirement for Bandravi State Forest restoration and reclamation project									
SL No.	Treatments	Budget (In lakhs)							Total Rs. Lakhs
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	
1	Forest protection & boundary consolidation	363.840	25.275	27.803	30.583	33.641	37.005	40.706	558.854
2	Protection of Forest from Fire	28.711	8.482	9.330	10.263	11.289	12.418	13.660	94.153
3	Water conservation	82.216							82.216
4	Model-B: Assisted Natural Regeneration Plantation	39.675	27.720	16.925	11.081	12.189	13.407	14.748	135.745
5	Other activities	49.200	13.200	14.520	15.972	17.569	19.326	21.259	151.046
6	Model G Farm Forestry	1.250	1.375	1.400	2.800	2.775			9.600
7	Administrative Cost @ 0.5% of the Project Cost								5.158
8	Monitoring and Evaluation @ 0.5% of the Project Cost								5.158
9	Preparation of DPR								5.00
Grand Total Rs. Lakhs								1046.930	

CEPMIZ / 2024-25 / 01 | KFD | C | KMERCI 00285

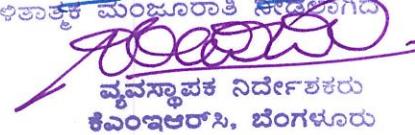
ಸಂಸ್ಥಾನಾಧಿಕಾರಿ/

ರಾಜಾಯ 1046.93 ಲಕ್ಷ ರೂ ಯಾತ್ರೆ.

ಅಧಿಕಾರಿಕ ಮಂಜೂರಾತ್ಮಕ ಸಾರ್ಥಕ

ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು
ಕೆಂಪಳ್ಳಾರ್, ಬೆಂಗಳೂರು

(ಈ ಖಾತೆ ಸಂಖ್ಯೆ ಸಲಹಾಕ್ರಿಯ ಲಕ್ಷ್ಯ ಮತ್ತು ಕ್ರಿಯೋಕ್ತ್ವಾತ್ಮಕ ಸಾಂಕೇತಿಕ ಯಾತ್ರೆ).



Sl.	Particulars of Works	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Physical Quantity
	Type of Work	Phy [Ha/Nos...]							
Boundary Consolidation Works									
1	Barbed Wire Fening with RCC Pillar	30							30
2	Maintenance of Barbed Wire Fencing		30	30	30	30	30	30	180
3	Construction of Forest Protection Camp	2							2
4	Engaging FPC Watchers	6	6	6	6	6	6	6	42
5	Construction of Check post	2							2
6	Engaging Check post watchers	8	8	8	8	8	8	8	56
Protection of Forest from Fire									
1	Fire Line Maintenance (50 Kms/ Year)	50	50	50	50	50	50	50	350
2	Providing Fire Watchers @ 554.8/Day for 151 Days	6	6	6	6	6	6	6	42
3	Hirling of Vehicle during Fire Season for 5 Months	1	1	1	1	1	1	1	7
4	Construction of Watch Towers	3							3
Water Conservation									
1	Rejuvenation of Old Tank, Ponds and Fixing Name Boards	3							3
2	Creation of New Tanks	1							1
3	Construciton of Check Dams	5							5
4	Excavation of Staggered Trenches	2000							2000

	(4*0.5*0.5) (Cum)								
Model-B : Assisted Natural Regeneration Plantation in 75 Ha									
1	Advance Work	75 Rs 39.675 Lakhs							75
2	Raising & Maintenance of Plantation		75 Rs 27.720 Lakhs						75
3	1st Year Maintenance			75 Rs 16.925 Lakhs					75
4	2nd Year Maintenance				75 Rs 11.081 Lakhs				75
5	3rd Year Maintenance					75 Rs 12.189 Lakhs			75
6	4th Year Maintenance						75 Rs 13.407 Lakhs		75
7	5th Year Maintenance							75 Rs 14.748 Lakhs	75
Other Activities									
1	Purchase of Drones	1							1
2	Purchase of Cameras	1							1
3	Purchase of Camera Traps	3							3
4	Upgradation of View point	1							1
5	Creation of Ticket counter	1							1
6	Purchase of kids outdoor Play equipments at View Point	10							10
7	Skill Development Programs 1. Providing Driving Licence For Unemployed Youths	30	30	30	30	30	30	30	210
8	2. Home Appliances	30	30	30	30	30	30	30	210

	Traings like Mobles and Electrical Repairs								
9	3. Computer Skills training	30	30	30	30	30	30	30	210
10	4. Tailoring Training to the women with Providing of sewing machine @ 50% subsidy	30	30	30	30	30	30	30	210
11	5. Nursery Development training	30	30	30	30	30	30	30	210
12	6. Local raw material products development skills training like Pickle making, Agarbathi manufacturing, Epiculture, Arcanet Plates manufacturing	30	30	30	30	30	30	30	210

41

Model- G : Farm Forestry

1	Raising Seedlings for Public Distribution as KAPY Model (8"x12")	5000	5000						10000
2	Incentives to the farmers- 1st Year			35	35				
3	Incentives to the farmers- 2nd Year				40	40			
4	Incentives to the farmers- 3rd Year					50			

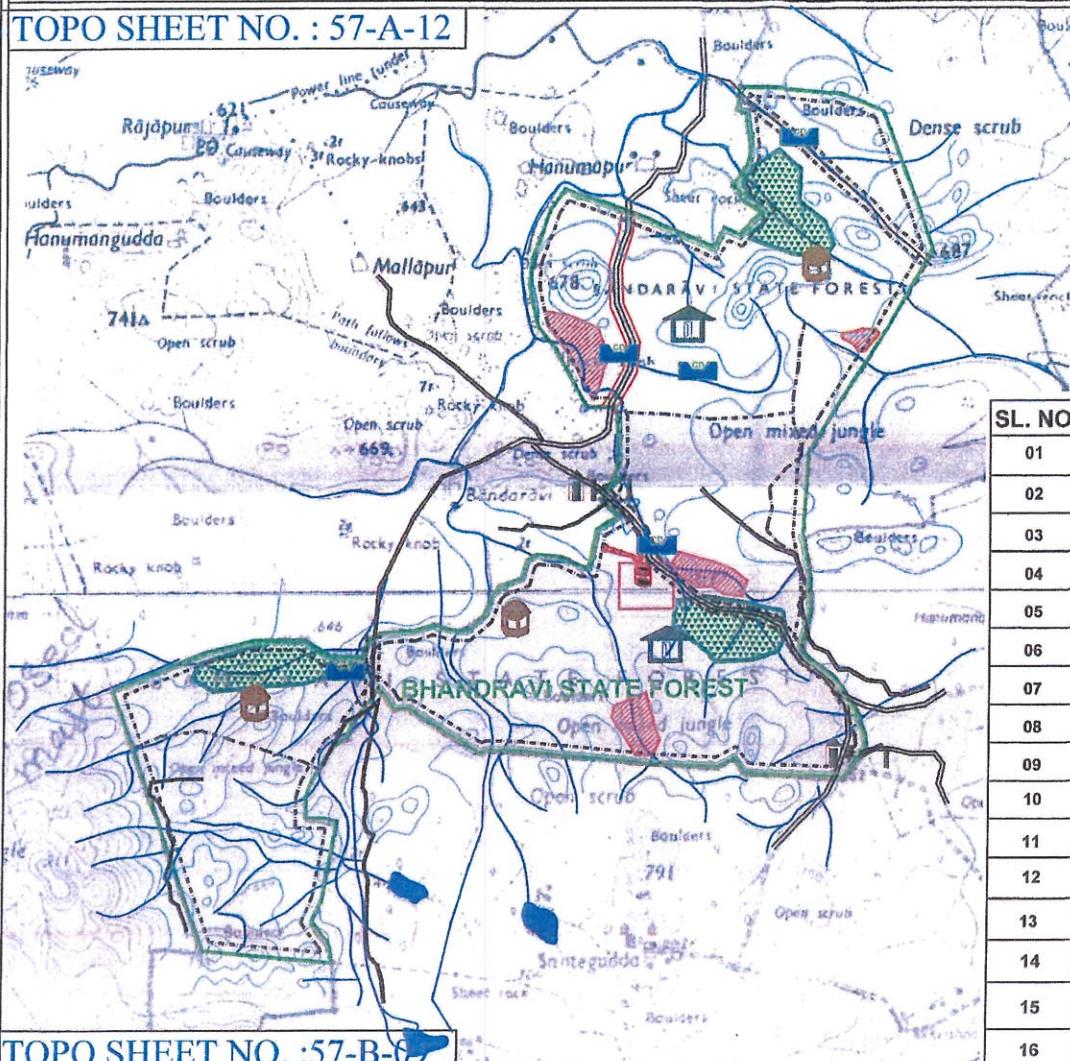
CHAPTER - 12

EXPENDITURE SCHEDULE (VIS A-VIS IMPLEMENTATION CALENDAR)

(Abstract of budget requirement for Bandarvi Reserve Forest restoration and reclamation project)									
SL No.	Treatments	Budget (In lakhs)							Total Rs. Lakhs
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	
1	Forest protection & boundary consolidation	386.940	34.185	34.485	34.815	35.178	35.578	36.017	597.199
2	Protection of Forest from Fire	28.711	8.482	9.330	10.263	11.289	12.418	13.660	4.153
3	Water conservation	82.216							82.216
4	Model-B: Assisted Natural Regeneration Plantation	39.675	27.720	16.925	11.081	12.189	13.407	14.748	135.745
5	Other activities	49.200	13.200	14.520	15.972	17.569	19.326	21.259	119.046
6	Model G Farm Forestry	1.250	1.375	1.400	2.800	2.725			9.600
7	Administrative Cost @ 0.5% of the Project Cost	2.94	0.42	0.38	0.37	0.40	0.40	0.43	5.350
8	Monitoring and Evaluation @ 0.5% of the Project Cost	2.94	0.42	0.38	0.37	0.40	0.40	0.43	5.350
9	Preparation of DPR								5.00
Grand Total Rs. Lakhs									1085.659

GENERAL MAP OF BHANDRAVI STATE FOREST

TOPO SHEET NO. : 57-A-12



SCALE :- 1 : 7920



INDEX

SL. NO.	DESCRIPTION	SYMBOL
01	FOREST BOUNDARY LINE	
02	EXISTING TANK REJIVATION	
03	STREAMS / NALA	
04	ROAD / CART TRACK	
05	PROPOSED TANK	
06	ANR PLANTATION AREA	
07	CONTOURS	
08	EXISTING TANKS	
09	PROPOSED CHECK DAMS	
10	WATCH TOWER	
11	BARBED WIRE FENCING	
12	PROPOSED FIRE LINE	
13	FOREST PROTECTION CAMP	
14	FOREST CHECK POST	
15	UP GRADATION OF FOREST VIEW POINT	
16	CHILDREN PARK AREA	

TOPO SHEET NO. : 57-B-6

Range Forest Officer
Molakalmuru Range
Molakalmuru.

Assistant Conservator of Forests And
Technical Assistant to
Deputy Conservator of Forests
Chitradurga Sub-Division, Chitradurga.

Deputy Conservator of Forests
Chitradurga Division, Chitradurga

Chief Conservator of Forests,
Bellary Circle, Bellary.

Managing Director
Karnataka Mining Environment
Restoration Corporation