



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 "Sogi, Sogi North Extension, and Sogi North west Extension Reserve Forest of" Hadagali Taluk, Vijayanagara District.*

Ref:

- 1 7th Oversight Authority meeting Dated: 02.02.2023.
- 2 KMERC office letter No. KMERC/CEPMIZ/HO/Forest/24/2022-23/1822, Dated: 21.02.2023
- 3 Principal Chief Conservator of Forests (HOFF) Letter E-office File No. KFD/HOFF/A5-4(GEL)/7/2023-FC Dated: 06.09.2023
- 4 Additional Chief Secretary, Forest, Ecology and Environment department, Letter No: ಅಷ್ಟೇ 107 ಎಷ್ಟೇ ದಿನಾಂಕ: 08.09.2023
- 5 KMERC Project Appraisal Committee Meeting dated: 15.11.2023
- 6 DCF Vijayanagara Letter No: ಸಂಖ್ಯೆ: ೮೫೪೪೦: / ಕೆ.ಎ.ಇ.ಆರ್.ಸಿ/ ಹಿನ್ನೆ/ ಪ್ರ/ಸಿಆರ್-2024-25 ದಿನಾಂಕ: 20.07.2024
- 7 CCF Ballary Letter No: ಸಂಖ್ಯೆ:೧ / ಬಜೆಟ್/ ಕೆ.ಎ.ಇ.ಆರ್.ಸಿ / ಡಿಲಿಆರ್/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 "Sogi, Sogi North Extension, and Sogi North West Extension Reserve Forest of" Hadagali Taluk, Vijayanagara District* under Comprehensive Environmental Plan for Mining Impact Zone (CEPMIZ) as

ameliorative and mitigative measures to be implemented in the district of Vijayanagara 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:

SINo (as per OA Approv ed list)	District	Sector	Sub- Sector	Project	Project Cost (In Lakhs)
09	Vijayanagara	Eco- restoration	Forestry	<i>"Eco-Restoration of Mining affected "Eco-Restoration of Mining affected "Sogi, Sogi North Extension, and Sogi North West Extension Reserve Forest of" Hadagali Taluk, Vijayanagara District.</i>	862.09
Total Rs. in Lakhs					862.09

Principal Chief Conservator of Forests (HOFF) after technical scrutiny by Chief Conservator of Forests, Ballari Circle for "*Eco-Restoration of Mining affected "Sogi, Sogi North Extension, and Sogi North West Extension Reserve Forest of" Hadagali Taluk, Vijayanagara District*" has requested Administrative approval for an amount of Rs 861.419 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 with regard to the output and outcomes for which the project was approved by the Oversight Authority and made few 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.

SI 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 "Eco-Restoration of Mining affected "Sogi, Sogi North Extension, and Sogi North West Extension Reserve Forest of" Hadagali Taluk, Vijayanagara District.</i>	862.09	861.419	861.419	861.419

**ADMINISTRATIVE APPROVAL ORDER No. CEPMIZ /2024-25/01/KFD/V/
KMERC/00489, 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 "Eco-Restoration of Mining affected "Sogi, Sogi North Extension, and Sogi North West Extension Reserve Forest of" Hadagali Taluk, Vijayanagara District. For Rs. 861.419 Lakhs. (Rupees Eight hundred sixty one lakhs and forty one thousand nine hundred 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 CEPMIZ Project.
12. The CEPMIZ 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:-

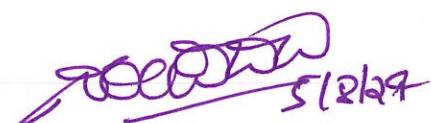
28. Works should be carried out in conformity with the prescriptions of Working Plan prescribed for the Forest area and on watershed basis.
29. Works in violation of provisions of Forest Conservation Act 1980, should not be undertaken.
30. Implementing agency should strictly follow the instructions given 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 license 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 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.
41. 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.



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, Vijayanagara District.
5. Deputy Conservator of Forests, Vijayanagara 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, KMERCC, Bengaluru.
3. PS to Secretary to the Govt. (MSME & Mines) of Karnataka, Bengaluru.

Dated: 05.08.2024

Sogi, Sogi North Extension and Sogi North west Extension Reserve Forest restoration detailed project report

2.1 Project Glance:

Sector	Eco-restoration
Sub-Sector	Forestry
Standalone project or in convergence	Standalone
Project name	Eco-Restoration of Sogi, Sogi North Extension and Sogi North west Extension Reserve Forest
Project type: New/ Upgradation / Strengthening/ Rejuvenation	New
Proposal submitted by	Vijayanagara Forest Division
Govt. Implementing Agency	Karnataka Forest Department
Project Location/ Coverage	Sogi, Sogi North Extension and Sogi North west Extension Reserve Forest
Total Project Cost (INR)	8,61,42,0000/-
Project Duration (years)	2023-24 to 2029-30
Project Objectives	<ol style="list-style-type: none">1. To restore the Sogi, Sogi North Extension and Sogi North west Extension Reserve Forest ecosystem through consolidation of 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 bring about Eco development in fringe villages

Project Outputs list					Project Outcomes list				
Sl. no	Major Project Outputs	Units		Total Cost (Lakh Rs.)	Sl. N o	Major Envisaged Outcomes	Key Performance Indicator (KPI) for measuring the Outcome	Assumptions/ Risks in choice of KPI	
		Ha/K m	No						
1	Forest protection measures	Maintenance of fire lines	km	36	108.32	1	Effective forest protection, Improved forest productivity & regeneration	Incidences of forest fire, illicit felling, trespassing & encroachments	
		Multipurpose Watch tower	No	1				Quantifying fire incidences, illicit felling, trespassing & encroachment.	
		Engaging of fire watchers	No	8		2	Improved forest productivity & biodiversity, Increased vegetation cover, biomass	Diversity indices, no of stems/Ha, Basal area/Ha	
		Hiring of vehicle during fire season	No	1				Sampling plot method is used for analyzing and quantifying the KPI's	
2	Afforestation inside forest	ANR model-B	Ha	250	447.892	3	Quality planting materials	Nursery infrastructure, Quantity and Quality planting materials.	
3	Drainage line treatments & SMC works	Construction of check dams	Nos	2	83.571		Improved soil moisture regime and effective SMC structures	Time required to measure the quality of planting material is very long	
		Construction of Gully checks	Cumtr	1000					
		Desilting of tanks	Nos	6			Level of ground water table	Level of ground water table depends on many factors.	
		Construction of Nalabunds	Nos	4	4	Increased trees	Length (Km) of		
					Minimum of 80% survival of planted				

4	Afforestation works outside forest areas in and around fringe villages	Roadside Plantation	km	12	137.863
		Institutional Plantation	Ha	06	
		Seedlings distribution	Nos	12,000	
5	Joint Forest planning and management activities		No	17	44.294
6	Upgradation of existing nursery				26.000
Total Net Project Cost (Lakhs)					847.94
DPR Preparation charges					5.000
Administrative, Monitoring and Evaluation costs @ 1%					8.479
Gross Project Cost (Lakhs)					861.419

	outside forest areas (TOF)	plantation in roads and extent (Ha) of plantation in institutions	seedlings in roads and institutions.
5	Improved socio-economic status of the fringe villagers	Per capita income fringe villagers, reduced dependency on forest	Per capita income depends and influenced by various factors. Reduced dependency on forest can be measured through reduction in lopping, grazing, firewood collection etc.

ಸಂ/ಕೆಂಜಾರ್ಲಾ/ CEPMIZ/2024-25/01/KFD/V/KMERC/00489

ರೂಪಾಯ 861 = 419 ಲಕ್ಷ ರೂ ಯಾತ್ರೆ
(ಕಾ ಬಂಡುನ್ನರ್ವ ಬೆಳಕ್ಕಿಂತ ಅಂತರ್ಮತ್ವ ಸಂಪರ್ಕಿಸುವ ಕುಶಲ ನೀಂಬಂತ್ರಾರ್ಥ ಯಾತ್ರೆ)

ಆಡಳಿತಕ್ಕ ಮಂಜೂರಾತಿ ನೀಂಬಂತ್ರಾರ್ಥ
Karnataka Mining Environment

Restoration Corporation

ರೂಪಾಯ

ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು
ಕೆಂಜಾರ್ಲಾ, ಬೆಂಗಳೂರು



Chief Conservator of Forests,
Bellary Circle, Bellary.

ವಲಯ ಅರಣ್ಯಾಧಿಕಾರಿ
ಹಡಗಲಿ ವಲಯ.

T. Bhatia
Assistant Conservator of Forests
Hospet Sub-Division, Hospet.

Deputy Conservator of Forests
Vijayanagara Division, Hospet.

ರಕ್ಷಣೆ ಕಾರ್ಯದರ್ಶಿ
ಅರಣ್ಯ ಜೀವವರಣಿಕೆ ಮತ್ತು ಪರಿಸರ ವಿಭಾಗ
(ಅರಣ್ಯ-ವೆ)

Principal Chief Conservator of Forests
(Forest Conservation) & Nodal Officer,
Aranya Bhavan, Maleshwaram, 18th Cross,
Bangalore - 560 003

Table No. 2.2 Project Implementation and Expenditure Schedule

Abstract of budget requirement for Sogi, Sogi North Extension and Sogi North west Extension Reserve forest restoration and reclamation project

SL No.	Treatments	Budget (In lakhs)							Total
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	
1	Forest protection & boundary consolidation	10.374	21.311	12.553	13.808	15.189	16.707	18.378	108.320
2	Soil and moisture treatment activities	35.000	14.300	15.730	9.317	4.392	4.832	0.000	83.571
3	Afforestation activities inside forest area	52.900	124.685	85.470	55.814	45.667	50.215	33.142	447.892
4	Afforestation activities outside forest area	8.070	27.859	32.822	20.847	16.719	18.220	13.326	137.863
5	Skill development and awareness programs	4.000	6.600	7.260	7.986	8.785	9.663	0.000	44.294
6	Upgradation of Existing Nursery	23.000	3.000	0.000	0.000	0.000	0.000	0.000	26.000
Total Rs. Lakhs		133.344	197.755	153.835	107.772	90.751	99.637	64.846	847.940
7	DPR preparation charges								5.000
8	Monitoring, inspection, evaluation, Administrative expenses @1%								8.479
Grand Total									861.419

ಸರ್ಕಾರಿ ವರ್ಷ ವರ್ಷ
ಅರಣ್ಯ, ಜೀವಿಪರಿಸ್ಥಿತಿ ಮತ್ತು ಪರಿಸರ ಇಲಾಖೆ
(ಅರಣ್ಯ-೨)

ವಲಯ ಅರಣ್ಯಾಧಿಕಾರಿ
ಹಡಗಲ ವಲಯ್!

T. Bantla
Assistant Conservator of Forests
Hospet Sub-Division, Hospet.

Deputy Conservator of Forests
Vijayanagara Division, Hospet.

Principal Chief Conservator of Forests
(Forest Conservation) & Legal Officer,
Aranya Bhawan, Maleshwaram, 18th Cross,
Bangalore - 560 003

CHAPTER - 11
PROJECT IMPLEMENTATION CALENDAR

Table No.11.1 Ecological restoration measures of the project

SL No.	Treatments	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Total
1	Construction of Check dams(Nos)	2	0	0	0	0	0	0	2
2	Construction of Gully checks(Cumtr)	400	300	300	0	0	0	0	1000
3	Construction of Nala bunds(Nos)	1	1	1	1	0	0	0	4
4	Desilting of Existing Tanks (Nos)	1	1	1	1	1	1	0	6

Table 11.2 Forest protection activity year wise execution of the project

	Forest protection activities	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Total
1	Maintainance of fire lines (Km)	36	36	36	36	36	36	36	36
2	Construction of watch towers (Nos)	0	1	0	0	0	0	0	1
3	Engaging of 8 fire watchers during fire season @ 150 days per year (Nos)	8	8	8	8	8	8	8	8
4	Hiring of Vehicle during fire season (Nos)	1	1	1	1	1	1	1	1

Table No. 11.3 Afforestation schedule of the project

SL No.	Treatments	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Total
1	Assisted natural regeneration (Model-B) (Ha)	100	150	0	0	0	0	0	250
2	Roadside planting (Km)	6	6	0	0	0	0	0	12
3	Institutional planting (Ha)	3	3	0	0	0	0	0	6
4	Raising of seedlings for public distribution (Nos)	2000	2000	2000	2000	2000	2000	0	12000

CHAPTER – 12: EXPENDITURE SCHEDULE

Table No.12.1 Expenditure schedule of the project

SL No.	Treatments	Budget (In lakhs)							Total
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	
1	Forest protection & boundary consolidation	10.37	21.31	12.55	13.81	15.19	16.71	18.38	108.32
2	Soil and moisture treatment activities	35.00	14.30	15.73	9.32	4.39	4.83	0.00	83.57
3	Afforestation activities inside forest area	52.90	124.69	85.47	55.81	45.67	50.22	33.14	447.89
4	Afforestation activities outside forest area	8.07	27.86	32.82	20.85	16.72	18.22	13.33	137.86
5	Skill development and awareness programs	4.00	6.60	7.26	7.99	8.78	9.66	0.00	44.29
6	Upgradation of Existing Nursery	23.00	3.00	0.00	0.00	0.00	0.00	0.00	26.00
Total Rs. Lakhs		133.34	197.76	153.83	107.77	90.75	99.64	64.85	847.94
7	DPR preparation charges								5.00
8	Monitoring, inspection, evaluation, Administrative expenses @1%								8.48
Grand Total									861.42

Table No. 12.2 Afforestation wise and year wise budget requirement for the project

SL No.	Models	Budget (In lakhs)							Total (Rs. Lakhs)
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	
1	Assisted natural regeneration (Model-3)	52.900	124.685	85.470	55.814	45.667	50.215	33.142	447.892
3	Roadside planting	5.160	21.570	26.663	15.858	12.816	14.098	7.667	103.832
4	Institutional planting	2.520	5.052	4.068	1.839	0.288	0.337	0.185	14.289
5	Raising of seedlings for public distribution	0.390	1.237	2.091	3.150	3.615	3.786	5.474	19.742
Total Rs. Lakhs		60.970	152.544	118.292	76.661	62.386	68.435	46.468	585.755

Table 12.3 Forest Protection activity wise and year wise budget requirement for the project

SL No.	Models	Budget (In lakhs)							
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Total
1	Maintainance of fire lines	0.864	0.950	1.050	1.150	1.265	1.391	1.531	8.197
2	Construction of watch towers	0.00	9.900	0.00	0.00	0.00	0.00	0.00	9.900
3	Engaging of 8 fire watchers during fire season @ 150 days per year	7.760	8.540	9.390	10.330	11.360	12.500	13.750	73.620
4	Hiring of Vehicle during fire season	1.750	1.930	2.120	2.330	2.560	2.820	3.100	16.603
Grand total		10.374	21.311	12.553	13.808	15.189	16.707	18.378	108.320

Table no.12.4 Soil and moisture conservation year wise budget requirement for the project

SL No.	Models	Budget (In lakhs)							Total
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	
1	Construction of Check dams	20.000	0.000	0.000	0.000	0.000	0.000	0.000	20.000
2	Construction of Gully checks	8.000	6.600	7.260	0.000	0.000	0.000	0.000	21.860
3	Construction of Nala bunds	4.000	4.400	4.840	5.324	0.000	0.000	0.000	18.564
4	Desilting of existing tank	3.000	3.300	3.630	3.993	4.392	4.832	0.000	23.147
Total Rs. Lakhs		35.000	14.300	15.730	9.317	4.392	4.832	0.000	83.571

Table 12.5 Eco development activity expenditure schedule of the project

SL No.	Models	Budget (In lakhs)							Total (Rs. Lakhs)
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	
1	Skill development programs and awareness - 5 members per village	4.000	6.600	7.260	7.986	8.785	9.663	0.000	44.294
Total Rs. Lakhs		4.000	6.600	7.260	7.986	8.785	9.663	0.000	44.294

Table No. 12. 6 Upgradation of Nursery activity expenditure schedule of the project

SL No.	Models	Budget (In lakhs)							Total (Rs. Lakhs)
		2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	
1	Upgradation of existing Bennekallu nursery infrastructures	23.000	3.000	0.000	0.000	0.000	0.000	0.000	26.000
	Total Rs. Lakhs	23.000	3.000	0.000	0.000	0.000	0.000	0.000	26.000


పటియ అరణ్యాధికారి
కంగారు వారి.


Deputy Conservator of Forests
Vijayanagara Division, Hospet.

75°55'0"E 75°55'30"E 75°56'0"E 75°56'30"E 75°57'0"E 75°57'30"E 75°58'0"E 75°58'30"E 75°59'0"E 75°59'30"E 76°0'0"E 76°0'30"E

14°57'0"N

14°56'30"N

14°56'0"N

14°55'30"N

14°55'0"N

14°54'30"N

14°54'0"N

14°53'30"N

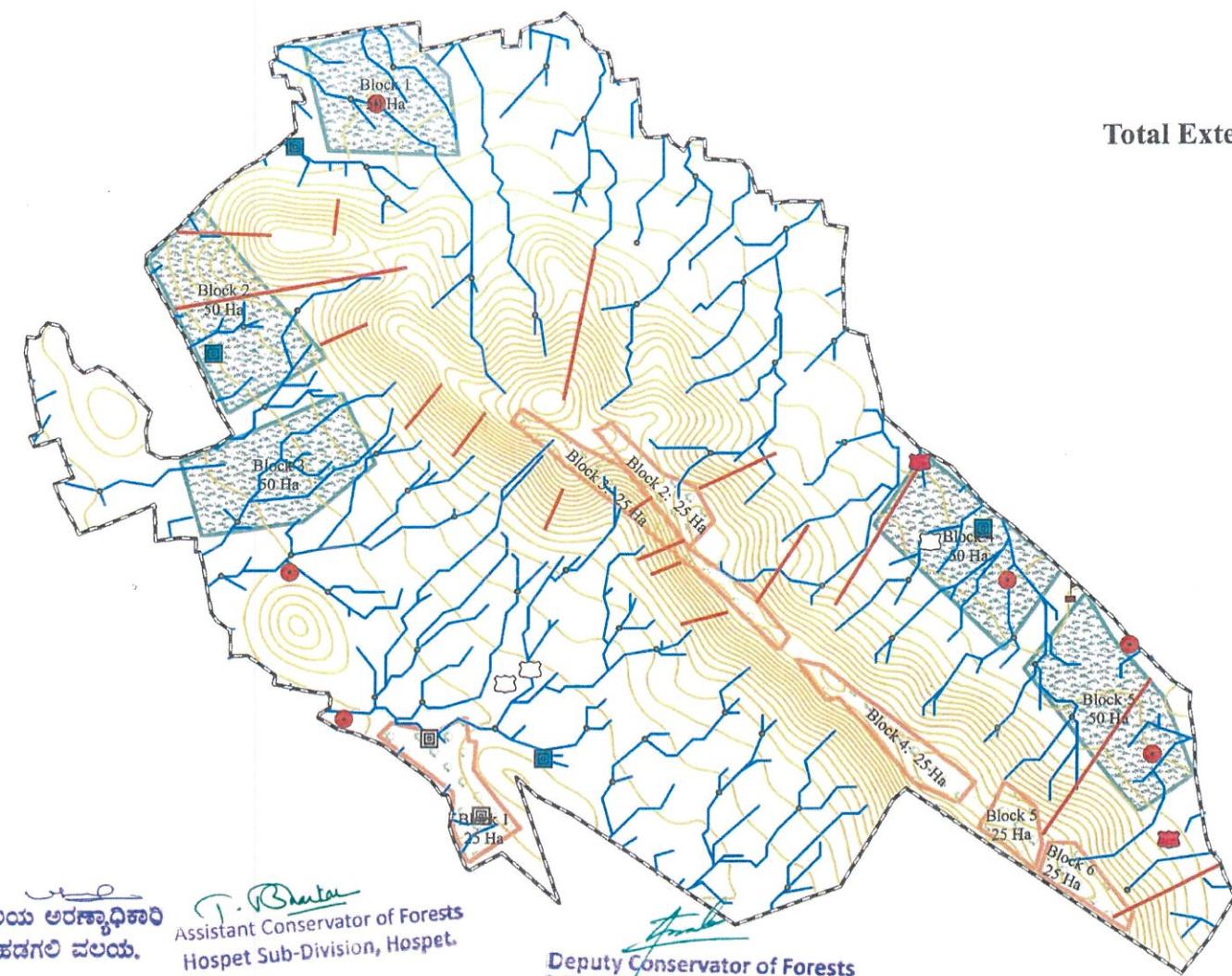


Proposed Reclamation and Restoration Treatments in Sogi Reserve Forest

Total Extent: 1996.06 Ha

Legend

- Proposed Gully checks
- Proposed Watch Tower
- Existing Check Dam
- Existing Nalabund
- Proposed Check Dam
- Proposed Desilting Tank
- Proposed Nalabund
- Existing CPT
- Existing Firelines
- Watershed/Drainage
- Contour
- Existing Plantations
- Proposed Plantations
- Sogi RF



0 0.4 0.8 1.6 Miles