



## KARNATAKA MINING ENVIRONMENT RESTORATION CORPORATION

(Govt of Karnataka Undertaking)

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No. KMERC/Watershed /100/2022-23

Date: 05.03.2024

**Sub:** Administrative approval for “**Eco- Restoration of Mining affected Belagallu-4D3C3D & Halakundi - 4D3C3F (13 Micro Watersheds, 05 Villages ) Sub Watershed in Ballari Taluka of Ballari District (Total Project Area: 5564.51 Ha, Total treatable Area: 4196.5 Ha)**

**Ref:**

- 1 7<sup>th</sup> Oversight Authority meeting Dated: 02.02.2023
- 2 KMERC office letter No. KMERC/CEPMIZ/HO/WS/10/2022-23/1819, Dated: 21.02.2023.
- 3 Secretary to Government Agriculture Department D.O. Letter No AGRI/CEPMIZ/Phase-1 TDPR/2023-24, Dated: 07.10.2023.
- 4 KMERC Project Appraisal Committee Meeting dated: 22.11.2023.
- 5 Communication of KMERC Project Appraisal Committee meeting proceedings No: KMERC/DPR/100/2022-23/115, Dated: 24.11.2023.
- 6 Secretary to Government Agriculture Department Letter No AGRI/16/AML/2024, Dated: 03.02.2024.
- 7 GO No: CI 215 MMM 2022 BENGALURU Dated: 13.03.2023.
- 8 Oversight Authority 13<sup>th</sup> Meeting Dated: 09.02.2024

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### **Preamble:**

The Karnataka Watershed Development Department Project for “**Eco- Restoration of Mining affected Belagallu-4D3C3D & Halakundi - 4D3C3F (13 Micro Watersheds, 05 Villages ) Sub Watershed in Ballari Taluka of Ballari District (Total Project Area: 5564.51 Ha, Total treatable Area: 4196.5 Ha)**” under Comprehensive Environmental Plan for Mining Impact Zone (CEPMIZ) as

ameliorative and mitigative measures to be implemented in the district of Ballari was approved by the Oversight Authority appointed by Hon'ble Supreme Court vide its order dated: 02.02.2023, 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 (Rs. In Lakhs)
01	Ballari	Agriculture and Allied Activities	Agriculture (Watershed)	<b>“Eco- Restoration of Mining affected Belagallu-4D3C3D &amp; Halakundi - 4D3C3F (13 Micro Watersheds, 05 Villages ) Sub Watershed in Ballari Taluka of Ballari District (Total Project Area: 5564.51 Ha, Total treatable Area: 4196.5 Ha)</b>	1645.73
<b>Total Project cost Rs in Lakhs</b>					<b>1645.73</b>

Secretary to Agriculture Department after technical scrutiny by competent authority vide ref (3) submitted the DPR for the Project for **“Eco- Restoration of Mining affected Belagallu-4D3C3D & Halakundi - 4D3C3F (13 Micro Watersheds, 05 Villages ) Sub Watershed in Ballari Taluka of Ballari District (Total Project Area: 5564.51 Ha, Total treatable Area: 4196.5 Ha)** and requested administrative approval for an amount of Rs **686.422** Lakhs.

The DPR is reviewed by the Appraisal Committee on 22.11.2023 vide reference (4) with regard to the output and outcomes for which the project was approved by the Oversight Authority and the committee has made some observations/suggestions and the minutes of the Appraisal Committee was communicated to the department vide ref. letter No (5) above. Commissioner

Watershed Development department has made some revision to the DPR based on the suggestions made by the Appraisal Committee and Guidelines of PMKSY-WCD 2.0 and re-submitted the revised DPR through Secretary Agriculture vide ref. letter (6) above. Variations in the Project Area, Treatment area, Project Cost and outputs were approved/ratified by the Oversight Authority vide ref (8).

SI No	Name of the project	Cost approved in 7 <sup>th</sup> OA (Rs in Lakhs)	Cost Recommended by HOD (Rs in Lakhs)	Cost Recommended by Appraisal Committee of KMERC (Rs in Lakhs)
1	<b>“Eco- Restoration of Mining affected Belagallu-4D3C3D &amp; Halakundi - 4D3C3F (13 Micro Watersheds, 05 Villages ) Sub Watershed in Ballari Taluka of Ballari District (Total Project Area: 5564.51 Ha, Total treatable Area: 4196.5 Ha)</b>	1645.73	686.422	686.422

**ADMINISTRATIVE APPROVAL ORDER No. CEPMIZ /2023-24/02/**  
**WDD/B/KMERC/00398, Dated: 05.03.2024**

As explained in the preamble, and as per approval of the Appraisal Committee vide ref. (4), compliance report by Commissioner, Watershed Development Department through Secretary, Agriculture Department vide ref. letter No (6), and as per GO vide ref. (7) above, the administrative approval of the above project, as per enclosed Annexure, is hereby accorded.

**“Eco- Restoration of Mining affected Belagallu-4D3C3D & Halakundi - 4D3C3F (13 Micro Watersheds, 05 Villages) Sub Watershed in Ballari Taluka of Ballari District (Total Project Area: 5564.51 Ha, Total treatable Area: 4196.5 Ha) For Rs 686.422 Lakhs. (Rupees Six Hundred Eighty Six Lakhs Forty Two Thousand Two 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. The Implementing Agency should ensure that the works approved by KMERC are not executed under any other Schemes/ Department, including DMF Funds.
3. 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.
4. 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 and the permission of Karnataka Forest department should be obtained.
5. 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.
6. 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.

7. 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.
8. 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.
9. The department shall maintain Asset register for all the assets created under the CEPMZ Project.
10. The CEPMZ asset created shall not be disposed off, encumbered or utilized for purpose other than for which funds have been provided by KMERC.
11. Prior approval from KMERC shall necessarily be taken for any change in the cost, scope or location of the project work approved hereunder.
12. 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.
13. 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.
14. 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.
15. Success stories of the implemented projects are to be prepared and provided to KMERC by the executing agencies after completion of the projects.

16. 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.
17. Utilization Certificates should be submitted after utilization of funds released.
18. Concerned department shall ensure internal Audit of the CEPMZ project expenditure, annually and submit the report to the KMERC, along with Action Taken Report.
19. 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.
20. The Implementing Agency shall also carry out concurrent monitoring and 3<sup>rd</sup> party evaluation of the project and shall share reports to KMERC and on its portal.
21. 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.
22. The Implementing Department/Agency shall be responsible for all payments made or recommended by it to be made on account of the project.
23. 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.
24. The proposed project must be site specific with Geo-tagged photos, short videos and success stories of the implemented projects are to be prepared

and provided to KMERC by the executing agencies after completion of the projects.

**B: Project specific conditions: -**

25. The total fund allocation should be as per existing departmental norms Guideline. The DPR preparation cost will be within 1% of allocated provision. Correction should be made restricting DPR preparation cost to 1% while preparing DPR through Net planning with detailed survey. However, it will be restricted up to 1% or to the actuals whichever is less while making the payment.
26. The Total administrative cost should be restricted up to or within 13% of the project cost (1% DPR preparation cost, 2% ME & LD cost, 10% Administrative cost).
27. The Forest Area and the Non-Treatable areas should be excluded from treatment and certificate has to be provided in the final DPR which will be submitted after Net planning exercise.
28. It is suggested and should be ensured that Agro Forestry should not be taken up by Forest Department in watershed areas. Road side plantations and urban/institutional planting which needs technical skill can be carried out by Forest department.
29. The work expenditure bills of completed works should be examined and recommended by the Controlling officer of the implementing agency in the department to KMERC for release of funds.
30. Payments for DPR Preparation cost should be made as per actuals keeping in mind the cost of the project.
31. It is suggested to construct all Check dams with RCC structures, keeping in mind its longevity.
32. The assets created in common land can be identified and maintenance can be provided. This must be entrusted to dedicated institution/user groups to look after for long term sustenance, to safe guard and protect such assets

33. Arecanut should not be promoted in any watershed development project, being water intensive crop. But activities such as making Arecanut plates and Arecanut processing etc. can be taken up under Production system or Livelihood activities.
34. The livelihood item to be taken up under the project should not be overlapping with NRLM or other programme.
35. The LRI should be done through some expert institutions to obtain complete information about Soil, Water and Nutrient content and same to be used in planning and execution of the project.
36. While choosing beneficiaries for distribution/issuance of benefits emphasis should be given to vulnerable household, unemployed youths, women and poor people under the project.
37. Detailed DPR which will be prepared next by the Department through net planning should have Survey Number wise, location wise, beneficiary wise details. Global co-ordinates of the structures and other activities should be provided which will help in avoiding overlapping of the project components. This information should be made available in public domain.
38. Detailed estimates for each works and structures should be duly prepared, countersigned and scrutinized by the competent authorities and submitted as Technical DPRs/addendum/Annexures along with final project DPRs. On approval of this only funds will be released.
39. Forest Department at the local level can be consulted and DPRs can be exchanged to avoid the overlapping of the activities.
40. The tree saplings (Perennial trees) can be planted between the bund and mound for sustainability of Agro-forestry. To achieve better survival rate, saplings planted should be watered during summer months. While choosing the species Silviculture knowledge, economic viability, usefulness to farmers should be considered.
41. Existing Kalyani wells, step wells and traditional water harvesting structures in the watershed should be compulsorily identified and proposed for their rejuvenation.

42. Maps showing present land use viz project land, Agriculture land, Forest land, etc. are to be provided along with the detailed DPRs.
43. All the projects must have a measurable outcome, against which it should be possible to be evaluated.



Managing Director  
KMERC

**To:**

1. Secretary to Government, Agriculture Department, Bengaluru.
2. Commissioner Watershed Development Department, Bengaluru.
3. Deputy Commissioner, Ballari District.
4. Joint Director of Agriculture, Ballari District.
5. 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-1 : Project at a Glance / Executive Summary Format**

Sector	Agriculture & Allied Activities		Sub-Sector	Watershed Management		Standalone Project or in convergence			Standalone Project						
Project Name	Comprehensive Environment Plan For Mining Impact Zone (CEPMIZ)				Project Type: New/Up gradation/ Strengthening/Rejuvenation				New						
Proposal submitted by	Assistant Director of Agriculture, Ballari			Implementing Agency			Agriculture Department/Watershed Department								
Project Location/Coverage	Belagallu-Halakundi		Total Project Cost (INR Lakhs)		Rs. 686.422 Lakhs	Project Duration		5 Years							
Project Objective/Benefits	1) Improve Productive potential of rainfed/degraded land 2) Strengthen community based local institute for promotion of Livelihood & watershed sustainability				3) Improve the efficiency of watershed projects through cross learning and incentive mechanism.										
Project Outputs/Activities					Project Outcomes / Benefits										
Sl.No.	Major Project Outputs/Activities	Measuring Unit Ha/No/ Rmt	Qty. /Nos	Unit Cost (in Rs.)	Total Cost (Lakh Rs.)	Sl. No.	Major Envisaged Outcomes (Measurable Benefits)	Parameter for measuring the Benefit	Pre Project	Assumption / Risks in choice of parameter					
1	Trench Cum Bunding	ha	430	14496	70.506	1	Recharging of the ground water table (Rise in Water table )	Meter	167 to 190	11% to 12%					
2	Check Dam	No	9	750000	79.365	2	Non-cultivable /fallow land brought under cultivation	ha	365	20 to 25%					
3	Nalabund	No	3	700000	23.870	3	Area expansion by adapting Horticulture & Forestry activities	ha	280	165.92%					
4	Gokatte (Including EPA Work)	No	12	600000	83.932	4	Rain Water Harvesting (Area under protective irrigation & No. of benefited farmers)	ha	87	112.64%					
5	Percolation Tank	No	1	700000	7.700	5	Provide sustainable livelihood to the asset less people of the project area (Income status & no. of beneficiaries)	Rs./Month	7000	28.6%					
6	Rubble Check	No	18	25000	4.700	6	Multi cropping and introduction of diverse agro-based activities (Cropping intensity)	ha	6.00	500 %					
7	Boulder Check	No	19	16000	3.200										
8	Nala revetment	Rmt	94	2160	2.037	7	Monitoring soil erosion through silt monitoring	Mt/ha/year	5.00	60 %					
9	Agro Forestry	ha	106.87	-	23.512										
10	Dryland Horticulture	ha	335.65	-	73.844										
11	Fodder Development	ha/No	827	-	4.078										

Project Implementation & Expenditure Schedule (Year - Wise Scheduling)								
Name of the Taluk: Ballari		Name of the Project: Belagallu - Halakundi Sub Watershed						
Total Geographical Area : 5564.51 Ha (7314.36 Ha)			Total Approved Project cost: (Rs in lakhs) :-			1645.731	No. of Villages	5
Treatable Area: 4196.5		Total proposed Project Cost: (Rs in lakhs)			686.422	No. of Families		12858
Sl. No	Major Project Component	% Allocation	2023-24	2024-25	2025-26	2026-27	2027-28	Total Amount (Lakh Rs.)
1	Administrative cost	10.0	23.128	22.935	5.226	7.292	7.292	65.874
2	Monitoring and Evaluation	2.0	2.500	4.500	2.675	2.000	1.500	13.175
3	Entry Point Activities	2.0	13.180	0.000	0.000	0.000	0.000	13.180
4	Detail Project Report	1.0	6.587	0.000	0.000	0.000	0.000	6.587
5	Institution and capacity building	3.0	6.973	11.277	0.808	0.692	0.000	19.750
6	Soil and water conservation	40.7	33.721	118.850	64.186	51.372	0.000	268.130
7	Afforestation	3.6	3.843	10.815	6.382	1.652	0.819	23.512
8	Dry land Horticulture	11.2	12.839	15.117	16.629	18.292	10.966	73.844
9	Fodder Development	0.6	0.000	1.474	1.806	0.799	0.000	4.078
10	Production system	11.7	0.000	35.338	35.169	6.863	0.000	77.370
11	Natural Resource Management and Governance	1.0	0.000	1.500	1.500	1.500	2.100	6.600

Sl. No	Major Project Component	% Allocation	2023-24	2024-25	2025-26	2026-27	2027-28	Total Amount (Lakh Rs.)
12	Livelihood activities for assestless persons, micro enterprises and business development	12.1	0.000	21.500	58.400	0.000	0.000	79.900
13	Consolidation and withdrawal phase activities	1.0	0.000	0.000	0.000	0.000	6.600	6.600
	<b>Grand Total</b>	<b>100.0</b>	<b>102.772</b>	<b>243.306</b>	<b>192.781</b>	<b>90.463</b>	<b>29.278</b>	<b>658.599</b>
14	<b>LRI Cost</b>							<b>27.823</b>
	<b>Approximate Total Cost of Project</b>		<b>102.772</b>	<b>243.306</b>	<b>192.781</b>	<b>90.463</b>	<b>29.278</b>	<b>686.422</b>

  
Joint Director of Agriculture  
Ballari

  
Joint Director of Agriculture  
(Soil Conservation)

  
Director  
Watershed Development  
Dept

  
Commissioner  
Watershed Development  
Dept

  
Secretary to GoK  
Agriculture

ಸಂ/ಕೆಂಜಾರ್ಸಿ/ CEPMIZ/2023-24/02/ WDD/B/KMERC/100378  
ರೂಪಾಯಿ 686.422 ಲಕ್ಷ ರೂ. (ಈ ಕ್ರಿಯೆ ಬಂಧತ್ವಾರ್ಥಕ ಸಲಹೆಗೊಳಿಸಿದ  
ಬೆಳ್ತುಸೂಕ್ಷ್ಮ ವರ್ತಿ) ಮಾತ್ರಗೆ  
ಅಡಳಿತಾತ್ಮಕ ಮುಂಚಾರಾತಿ ನೀಡಲಾಗಿದೆ  
  
ವ್ಯವಸ್ಥಾಪಕ ನೀಡುತ್ತಿರುವ  
ಕೆಂಜಾರ್ಸಿ, ಬೆಂಗಳೂರು