



State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment, Forest & Climate Change)

Environmental Planning Coordination Organization
Paryavaran Parisar, E-5. Arera Colony
Bhopal-4620 16

Visit us <http://www.mpseiaa.nic.in>

Tel: 0755-2466970, 2466859

Fax : 0755-2462136

No: 2649 /SEIAA/2023

Date: 30/1/23

To,
Executive Engineer,
Water Resources Division
Chhindwara (MP)-480001

Sub: Case No. 9471/2020: Prior Environment Clearance for Ramghat Dam (Chhindwara Irrigation Complex Scheme), Ramghat Dam is proposed to be constructed in the Kanhan Sub basin across Kanhan River, Chhindwara District to Irrigate 65,000 Ha CCA in Sausar and Pandurna tehsils of Chhindwara District, Madhya Pradesh by Office of the Executive Engineer, Water Resources Division Chhindwara (MP)-480001 Email: ee.wrdn.cdw@mp.gov.in Category: 1(c) River Valley Project. Env.Consultant: M/s. R.S. Envirolink Technologies Pvt. Ltd., Gurgaon - **Prescribing of TOR.**

Ref:- Online Proposal No. SIA/MP/RIV/404487/2022 registered in MPSEIAA on 01.12.2022

1. उक्त परियोजना रामघाट बांध छिंदवाड़ा सिंचाई परिसर योजना के अंतर्गत पूर्व पर्यावरण स्वीकृति का प्रकरण है, जिसे छिंदवाड़ा जिले के सौसर और पांडुरना तहसीलों में 65,000 हेक्टेयर सीसीए की सिंचाई के लिए कान्हान नदी के कान्हा उप बेसिन में बनाने हेतु प्रस्तावित किया गया है।
2. प्रस्तावित रामघाट बांध की क्षमता 200 एमसीएम है, बांध की अनुमानित लंबाई 2190 मीटर है। परियोजना में नवीनतम तकनीक टर्बाइन का उपयोग कर लगभग 25 मेगावाट जलविद्युत का उत्पादन किया जाना प्रस्तावित है।
3. रामघाट बांध का कुल डूब क्षेत्र 1470 हेक्टेयर है जिसमें से 1050 हेक्टेयर forest land, 298 हेक्टेयर सरकारी भूमि और 122 हेक्टेयर निजी भूमि है। छिंदवाड़ा जिले की सौसर तहसील के तीन ग्रामो छिंदबोह, जोबनी एवं खापा की निजी भूमि डूब क्षेत्र के अंतर्गत है।
4. कमांड एरिया में पानी उठाने के लिए दो पंप हाउस का निर्माण किया जाना प्रस्तावित है, पहला पंप हाउस से 3.63 क्यूमेक्स पानी लिफ्ट करने वाले पंपों को चलाने में 7.58 मेगावाट की खपत होगी इसमें छिंदवाड़ा जिले के पांडुरना तहसील, 13 गांवों का 11000 हेक्टेयर एरिया शामिल है। दूसरा पंप हाउस से 17.82 क्यूमेक्स पानी लिफ्ट करने वाले पंपों को चलाने के लिए 56.00 मेगावाट बिजली की खपत होगी जिसमें छिंदवाड़ा जिले के सौसर तहसील में 125 गांवों को कवर करते हुए 54000 हेक्टेयर एरिया शामिल होगा।
5. निकटतम संरक्षित क्षेत्र अर्थात पंच राष्ट्रीय उद्यान की दूरी 31.85 किमी है जो कि है 10 किमी से अधिक, इस प्रकार, इस परियोजना के लिए वन्यजीव संरक्षण अधिनियम लागू नहीं है एवं परियोजना general conditions से परे है।

6. संपूर्ण प्रस्तावित बांध और कमान क्षेत्र के विकास की लागत 1230 करोड़ रुपये अनुमानित है।
7. उक्त प्रकरण को राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक 614वीं दिनांक 23.12.2022 में ToR स्वीकृति हेतु अनुशंसित किया गया, उक्त बैठक की कार्यवाही विवरण पृष्ठ क्र. 04 से 06 तक अंकित है।

The application was forwarded to SEAC for scoping so as to determine TOR to carry out EIA. The case was presented by the PP and their consultant in the SEAC- 614th meeting dated 23.12.2022. After presentation, committee decided to recommend standard TOR prescribed by MoEF & CC with additional TOR. After the recommendation of SEAC the case was considered in 766th SEIAA meeting dtd.11.01.2023 and decided to approve the ToR as recommended by SEAC in 614th meeting held on 23.12.2022 and standard TOR prescribed by the MoEF & CC for conducting the EIA along with following additional TOR's and general conditions:-

1. Project involves forest land of approx. 1050.0 Ha., thus FC stage to be clarified with supporting documents alongwith catchment area improvement and natural drainage protection plan shall be discussed in the EIA report.
2. Study and estimate economical & wild life value of the forest area involved in this project which shall include tangible & intangible values in quantitative terms and same shall be discussed in the EIA report.
3. In EIA report details about existing and proposed National Parks and their wild life management plan shall be discussed with bifurcation of RF and PF details (if any).
4. The private land of 03 villages Chhundboh, Jobani and Khapa of sausar Tehsil are falling under submergence hence, if any issue involved to temporary R&R, shall be discussed in the EIA report with proper provisions issued by various State /Central Government orders/ notifications etc.
5. Details of temporary or permanent R&R (if any) shall be discussed in the EIA report.
6. A detail of the source (quantum of water available, other potential users etc.) from where water is envisaged to be lifted shall be furnished.
7. Places where diversions of nallah/natural drains are proposed should be detailed out in the EIA report (if any).
8. Economic viability and cost benefit analysis be conducted and presented in the EIA report and should also take into consideration environmental/ecological factors.
9. Management plan for dug-out material generated during construction of dam / structures shall be discussed in the EIA report.
10. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
11. An inventory of flora & fauna based on actual ground survey shall be presented.
12. EIA report should cover impact of anticipated change in cropping pattern and associated activities like horticulture, animal husbandry etc.
13. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.

The authority approve the ToR as recommended by SEAC and decided to issue additional TOR by incorporating following conditions for preparation of EIA report:

- a) माननीय सुप्रीम कोर्ट, हाई कोर्ट एवं नेशनल ग्रीन ट्रिब्यूनल द्वारा eco sensitive area, forest area से संबंधित समय-समय पर जारी दिशा निर्देशों के अनुसार की जाने वाली व्यवस्था का उल्लेख EIA में करे।

- b) परियोजना प्रस्तावक द्वारा जहां तक संभव हो गैर परंपरागत ऊर्जा स्रोतों का अधिक से अधिक उपयोग हेतु योजना तैयार कर इसे रिपोर्ट में सम्मिलित की जाये ।
- c) site specific mangement plan का विस्तृत अध्यन कर EIA में उल्लेख करे ।
- d) sand की कमी को देखते हुए sand के पुर्नउपयोग का प्रावधान को EIA में उल्लेख करे ।
- e) प्रारंभिक पम्पिंग स्टेशनों से अंतिम वितरण बिंदु तक पानी के नुकसान का विवरण ईआईए रिपोर्ट में करे ।

General Conditions

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing(if applicable) with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.



18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
25. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
26. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
27. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
28. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and

guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.

- ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
- ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.
- ✓ Adequate provisions of water for irrigating plantation shall be made by PP.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

1. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
2. Detailed analysis of availability and quality of the drinking water resources available in the block.
3. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
4. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.

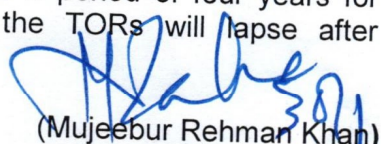
Documents to be submitted:

Environmental Consultant / PP

- I. A certificate from the Consultant shall be submitted that they have been accredited by MoEF (GoI), as per their OM.
- II. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
- III. Location of National Parks, Sanctuaries, biosphere Reserves, Wildlife corridors, Tiger reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated. A location map duly authenticated by Chief Wild life Warden and recommendation/ comments of Chief Wildlife Warden of concerned district should also be provided in this regard. DFO letter indicating the distances of nearest forest boundary from the boundary of the proposed site.
- IV. Land documents of the proposed site with clarity of landownership.
- V. NOC from Gram Sabha if located in scheduled notified area.


Validity –

- I. The TORs prescribed for the project will be valid for a period of four years for submission of EIA and EMP report accordingly, the TORs will lapse after 10/01/2028.


(Mujeebur Rehman Khan)
Member Secretary

Copy to:-

1. Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
2. Member Secretary, Madhya Pradesh Pollution Control Board, E-5 Paryavaran Parisar, Arera Colony Bhopal (M.P.) -462016.
3. The Collector Dist. Chhindwada, MP
4. The Principal Chief Conservator of Forest, Ground floor Satpuda Bhawan, Bhopal (M.P)
5. Chief Engineer, Wainganga Basin, Water Resources, Deptt. Seoni for information.
6. Regional Officer, Regional Office (WZ), Ministry of Environment & Forests, Kendriya Paryavaran Bhawan, Link Road No.-3, E-5, Arera Colony, Bhopal (M.P.) - 462016.
7. Guard File.


(Alok Nayak)
Officer-In-Charge

