



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: 1856 /SEIAA/2022

Date: 20/10/22

To,  
Director,  
M/s Piyanshu Chemicals Pvt. Ltd, 53A,  
Tiljala Road, Mescab Centre, 4th Floor,  
Kolkata, W.B. - 700046

**Sub: Case No. 9290/2022:** Prior Environment Clearance for Expansion in production capacity from 8320 MT/Year to 48,000 MT/Year for Manufacturing of Resins, Driers, Paint Additives Products at Plot No. 684, 652, Industrial Area-3, Pithampur, Dist. Dhar, MP by Director, M/s Piyanshu Chemicals Pvt. Ltd, 53A, Tiljala Road, Mescab Centre, 4th Floor, Kolkata, W.B. - 700046 Consultant: M/s. Creative Enviro Services, Bhopal(MP) - Prescribing of TOR.

**Ref:** - Online Proposal No. SIA/MP/IND3/82986/2022 registered in MPSEIAA on 02.09.2022  
This is in reference to the proposal submitted in the SEIAA office to prescribe the Terms of Reference (TOR) for undertaking detailed EIA study for the purpose of obtaining Environmental Clearance in accordance with the provisions of the EIA Notification, 2006. For this purpose, the proponent had submitted online information in the prescribed format (Form-1) along with a Pre-feasibility Report and all supporting documents as per EIA Notification & its amendments.

1. यह औद्योगिक परियोजना रजिन, ड्रयार, पेंट एडिटिव उत्पादों के विस्तार हेतु प्रस्तावित है। परियोजना क्षेत्र Plant प्लॉट नं - 684, 652 इंडस्ट्रियल एरिया-3, पीथमपुर जिला धार में स्थित है।
2. वर्तमान में ईकाई की उत्पादन क्षमता 8320 MT/Year है जिसके संचालन की सहमति (CTO) म.प्र. प्रदूषण बोर्ड प्रदान की गई है।
3. परियोजना प्रस्तावक द्वारा ईकाई के विस्तार (Expansion) हेतु प्रस्ताव आवेदन किया गया है जिसमें उत्पादन क्षमता 8320 MT/Year से 48,000 MT/Year किया जाना प्रस्तावित है।
4. प्रस्तावित परियोजना ईआईए अधिसूचना, 2006 में निर्धारित "सिंथेटिक ऑर्गेनिक केमिकल इंडस्ट्रीज" की अनुसूची के 5 (एफ) की श्रेणी में आता है जिसे "बी" के तहत वर्गीकृत किया गया है।
5. राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की 594वीं बैठक दिनांक 21.09.2022 में उक्त प्रकरण में मानक एवं अन्य शर्तों सहित ToR जारी किये जाने हेतु अनुशंसा की गई है। जिसका विवरण उक्त बैठक के कार्यवाही विवरण के पृ.क्र. 07 से 09 पर अंकित है।
6. प्रस्तावित उत्पादन की क्षमता निम्नानुसार है -:

SNo.	Products	Quantity MTPA
1	Amino Resin	3600
2	Synthetic Resin	28800
3	Driers	3600
4	Paint Additives	12000
	Total	48000

7. परियोजना का कुल भूखंड क्षेत्र 12281वर्ग मी. है। प्रस्तावित लैंड यूज ब्रेकअप निम्नानुसार है -:

S. No.	Description	Total Area in Sq. Mt.
1	Total Land	12281
1.1	Green Belt	4100
1.2	Parking	25
1.3	Production block	1111
1.4	Raw material warehouse	1705
1.5	Storage tank area	409
1.6	Solvent tank area	513
1.7	Utilities	555
1.8	ETP & STP	83.05
1.9	Solid waste collection area	30.79
1.10	Open area	2415
1.11	Roads	1155
1.12	Administration Block	137
1.13	Security	29.16
1.14	Lunch Room	13

8. कुल परियोजना लागत 24 करोड़ है (रु. 12.36 करोड़ मौजूदा है और रु. 11.64 करोड़ प्रस्तावित लागत है)

The application was forwarded to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. The case was presented by the PP and their consultant in the SEAC- 594<sup>th</sup> meeting dated 21.09.2022. 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 751<sup>st</sup> SEIAA meeting dtd.14.10.2022 and decided to approve the ToR as recommended by SEAC in 594<sup>th</sup> meeting held on 21.09.2022 and standard TOR prescribed by the MoEF & CC for conducting the EIA along with following additional TOR's and general conditions:-

1. Justify in EIA report how 08 times expansion is feasible with available space and submit details of additional plant and machinery on layout which shall be superimposed on the existing layout.
2. No existing green area shall be reduced and PP shall explore the possibility of expanding green area also by 08 times either within the plant premises or land available nearby the proposed expansion.
3. PP should provide entire product mix with mass balance in the EIA report.
4. PP shall explore the possibility of re-utilizing H<sub>2</sub>O.
5. Carbon foot print analysis shall be carried out and discussed in the EIA report.
6. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
7. Details of solvents and their recovery plan should be discussed in the EIA report and VOC monitoring shall also be carried out.
8. All MSDS should be provided with the EIA report.
9. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
10. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
11. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
12. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
13. PP should explore possibility of using Biofuel / clean fuel based technology in boilers.

14. The EIA report should clearly mention activity wise EMP and CSR 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 CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
15. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
16. 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.
17. 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.
18. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

**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) परियोजना स्थल के आस-पास स्थित अन्य ईकाईयों का विवरण एवं परियोजना के कारण उस पर पड़ने वाले प्रभावों का आकलन।
- b) ईकाई के संचालन के कारण ग्लोबल वार्मिंग एवं कार्बन फुट प्रिंट पर पड़ने वाले प्रतिकूल प्रभाव का अध्ययन एवं शमन हेतु प्रस्तावित उपायों का विस्तृत विवरण EIA Report में सम्मिलित करें।
- c) ईकाई में गैर पारंपरिक ऊर्जा के अधिक से अधिक उपयोग का नियोजन किया जावे और उसका विस्तृत रूपरेखा प्रतिवेदन में उल्लेख करें, साथ ही ईकाई के निर्माण एवं संचालन दोनों स्थितियों में ऊर्जा संरक्षण योजना के तहत सोलर लाईट एल.ई.डी एवं सोलर पावर को भी लगाने का प्रस्ताव प्रतिवेदन में सम्मिलित करें।
- d) ईकाई परिसर के वर्षा जल प्रबंधन पर विस्तृत योजना बनाये एवं प्रतिवेदन में सम्मिलित करें।
- e) पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार द्वारा जारी परिपत्र दिनांक 08 जून, 2022 के अनुसार एमपीपीसीबी की नवीनतम निगरानी रिपोर्ट (Monitoring Report) की एक प्रमाणित प्रति, मौजूदा संचालन के लिए प्राप्त सहमति (CTO) में निहित शर्तों के अनुपालन की प्रमाणित प्रति ईआईए- ईएमपी के साथ संलग्न करें।
- f) प्रस्तावित इकाई का लेआउट प्लान जिसमें वर्तमान के मौजूद घटकों का भी विवरण हो ईआईए के साथ प्रस्तुत करें।
- g) आसपास के वातावरण पर कच्चे माल और अंतिम उत्पादों के परिवहन के प्रभाव का आकलन और उसके निराकरण के उपायों का विवरण।
- h) परियोजना के Expansion हेतु अपनाये जाने वाली New Technology एवं पुरानी पद्धति में किये जा रहे परिवर्तन (Upgradation) का विस्तृत विवरण EIA Report में प्रस्तुत करें।
- i) ईआईए प्रतिवेदन के साथ वर्तमान एवं प्रस्तावित भू-उपयोग के परिवर्तन का अध्ययन भी शामिल करें।

**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 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. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.

25. 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.
26. 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.
27. LPG gas shall be provided for camping labour under "Ujjwala Yojna".
28. 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).
29. 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.
30. 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 & CC (Gol), 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 unit 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 13/10/2026.

Copy to:- 1857

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, Distt- Dhar - M.P.
4. Managing Director, M.P. Audyogik Kendra Vikas Nigam (Indore) Limited, Free Press House First Floor, 3/54 Press Complex, Agra-Mumbai Highway Indore(M.P).
5. The Principal Chief Conservator of Forest, Ground floor Satpuda Bhawan, Bhopal (M.P)
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.

  
(Shriman Shukla)  
Member Secretary

20/10/22

  
(Alok Nayak)  
Officer-In-Charge