



सत्यमेव जयते

File No: J-11011/194/2016-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 02/03/2026



To,

Shri. Ashok Kumar Ghosh,
M/s ADPLUS CHEMICALS AND POLYMERS PRIVATE LIMITED,
TOWER 1, BENGAL ECO INTELLIGENT PARK (TECHNA), BLOCK EM, 3RD FLOOR, SALT
LAKE, KOLKATA, 24 PARAGANAS NORTH, WEST BENGAL, 700091
ashok.ghosh@adplus.net.in

Subject: Proposed expansion of existing plant by increasing the production capacity of Phenol from 240 KTA to 400 KTA and Acetone from 147 KTA to 248 KTA at Tehsil Sutahata-I, Haldia, District: East Medinipur, West Bengal by M/s AdPlus Chemicals and Polymers Pvt. Ltd - Grant of prior Environmental Clearance (EC) - regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/WB/IND2/561314/2026 dated 13/01/2026 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25A2301WB5375593N
(ii) File No.	J-11011/194/2016-IA-II(I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(e) Petroleum products and petrochemical based processing such as production of carbon black and electrode grade graphite (processes other than cracking
(vi) Sector	Industrial Projects - 2
(vii) Name of Project	Proposed expansion of existing plant by increasing the production capacity of Phenol from 240 KTA to 400 KTA and Acetone from 147 KTA to 248 KTA.
(viii) Name of Company/Organization	ADPLUS CHEMICALS AND POLYMERS PRIVATE LIMITED

(ix) Location of Project (District, State)	MEDINIPUR EAST, WEST BENGAL
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The Ministry of Environment, Forest and Climate Change has examined the proposal for proposed expansion of existing plant by increasing the production capacity of Phenol from 240 KTA to 400 KTA and Acetone from 147 KTA to 248 KTA at Tehsil Sutahata-I, Haldia, District: East Medinipur, West Bengal by M/s AdPlus Chemicals and Polymers Pvt. Ltd.

4. The proposal was considered in EAC (Ind-2) meeting held on 14th November, 2025 and 05th February, 2026 wherein the project proponent and their accredited Consultant M/s Envirotech East Pvt. Ltd. (NABET certificate no. NABET/EIA/25-28/RA 0458 and validity 12th September, 2028) made a detailed presentation on the salient features of the project. The minutes of the meeting and all the Application and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on PARIVESH portal which can be accessed by scanning the QR Code available above.

5. This project falls under Sl. No. 5(e), Category "A" of the list of the projects of the schedule (i.e., (Petrochemical based processing) and are appraised at Central Level by Expert Appraisal Committee (EAC).

6. The details of products and capacity are enclosed at Annexure-2.

7. Ministry has issued Environmental Clearance to the existing capacity for manufacturing of Phenol and Acetone vide EC ID No. EC24A2101WB5101335S and File No. J-11011/194/2016-IA-II(I) dated 25.03.2025. Certified Compliance report of existing EC has been obtained from Integrated Regional Office, MoEFCC, Kolkata vide File no. - 102-721/25/EPE/317 dated 25.09.2025. As per the CCR submitted, the plant is still under erection and condition wise compliance status could not be ascertained.

8. Standard ToR has been issued by MoEF&CC, IA Division vide TOR Identification No. TO25A2301WB5345134N and File No. J-11011/194/2016-IA-II(I) dated 20th June, 2025. PP informed that no litigation is pending against the proposal. Public Hearing for the proposed project had been conducted by the West Bengal Pollution Control Board on 15th September 2025 at Haldia Municipality Hall (Ground Floor), Haldia, Dist. – Purba Medinipur in West Bengal chaired by Mr. Samiran Barik, WBCS (Exe), District Planning Officer, Dist. Purba Medinipur. The main issues raised during the public hearing and their action plan is listed at Annexure 04.

9. No additional land shall be required for the proposed expansion project as it will be set up on the available land within the existing plant area comprising of total 18 Hectares (44.4 Acres). As approved by the MoEF&CC vide EC Id No. EC24A2101WB5101335S and File No. J-11011/194/2016-IA-II(I) dated 25.03.2025, a greenbelt of 26.7% (4.85 Hectares/11.9 Acres) has been provided surrounding the AdPlus complex within existing manufacturing complex besides providing a greenbelt on 2.0 Hectares outside the plant premises, making overall greenbelt coverage as 37.7% of total AdPlus Complex area. The estimated project cost is Rs. 800 Crores. Capital cost of EMP would be Rs. 28.7 Crores and recurring cost for EMP would be Rs. 7.2 Crores per annum (2026 onwards) & Rs. 12.0 Crores per annum (2030 Onwards). Industry proposes to allocate Rs. 4 Crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 175 persons (Direct: 135 and Contractual: 40).

10. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger / Elephant Reserves, Wildlife Corridors etc. within 10 km distance. No Schedule-1 species have been recorded in the study area. Hooghly River is passing about 2.0 km distance in south direction from the project site. Haldi River is passing about 9.0 km distance in west direction from the project site.

11. Ambient air quality monitoring was carried out at 8 locations during 1st March, 2025 – 31st May, 2025 and the baseline data indicates the ranges of concentrations as: PM10: 48 - 91 µg/m³, PM2.5 : 18 - 47 µg/m³, SO₂ : 4 - 18 µg/m³, and NO₂: 18 - 45 µg/m³. AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed expansion project would be PM: 0.058 µg/m³ (1.0 km in NE), SO₂ : 0.542 µg/m³ (1.0 km in NE), NO_x : 2.714 µg/m³ (1.0 km in NE). AAQ modelling study for point source emissions indicates that the maximum overall

concentration of PM, SO₂ & NO_x after adding the total contribution from the project will be 91.058 µg/m³, 18.542 µg/m³ & 47.714 µg/m³ respectively. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

12. Total daily make up water requirement after expansion will be 13,502 KLD (Existing: 8,865 KLD and Incremental Proposed: 4,637 KLD) which will be met from HDA through HPL Water supply system. MoU has been made between HPL and Adplus Chemicals & Polymers Pvt. Ltd. on 4th Decemebr, 2025. Total daily wastewater generation after expansion will be 2467 KLD (Existing: 1801 KLD and Incremental Proposed: 666 KLD). 627 KLD process effluent shall be treated in the new ETP of capacity 720 KLD. Cooling Tower Blowdown & DM regeneration effluent along with treated process effluent would be used for effluent recycling and reuse. The plant will achieve 50% recycling by December 2026 and ZLD by 2030.

13. Total Daily power requirement after expansion - 24.1 MW (Existing: 14.425 MW and Proposed: 9.675 MW) which will be sourced from Existing Captive Power Plant of HPL. Industry has 2000 KVA DG set which will be used as standby during power failure and stack height (30 m) will be provided as per CPCB norms to the proposed DG sets.

Proposed Stack Details:

Sl. No.	Unit	Source	Number of Stack	Stack Height (m)	Stack Diameter (m)
1.	OCT reactor Feed heater	OCU	1	36	1.15
2.	Regeneration Gas Heater	OCU	1	30	0.85
3.	Regenerative thermal Oxidiser	CPU	1	30	1.3
4.	Flare Stack	Off site	1	100	1.51
5.	DG Set (Emergency use)	Off site	1	30	0.45

14. Details of Process emissions generation and its management:

- The potential pollutants emitted from point and fugitive sources during normal operations in the overall project include Particular Matter (PM), Sulfur dioxides, Oxides of Nitrogen, Carbon Monoxide and other Volatile Organic Compounds.
- The major sources of continuous emission from the project will be from Olefin Conversion Unit (OCU) and Cumene-Phenol Unit.
- The major source of continuous emission from the overall project will be from total 3 process heaters, out of which one attached to OCT reactor Feed Heater, one attached to Regeneration Gas Heater and rest one, attached to Regeneration Thermal Oxidiser (RTO).
- Besides, one stack will be attached with flare system and one stack with DG Sets.
- Residual Fuel Gas, an internally generated sulfur- free fuel (mixture of methane and hydrogen) being supplied by HPL, will be used for combustion process.
- All hydrocarbon containing vent gases and the gases released from pressure relief valves of processes will be discharged via blowdown vessel to flare stack for combustion and safe disposal.

Management of Process emissions:

- Use of sulfur free fuel gas (mixture of CH₄+H₂) as a fuel in heaters. Due to C/H ratio of the fuel gas, particulate emissions also negligible.
- Use of low NO_x burners.
- Nitrogen padding will be provided to prevent emissions during material in/out to the tanks.
- Oxygen Analyzers and Calorific Value Analyzers in furnaces to ensure that sufficient oxygen is available for complete combustion of fuel. Calorific Value analyzers help to adjust the fuel flow.
- Routing of all process vents to Flare Header.
- Placement of Gas Analyzers at strategic locations.
- Design of flare stack for a load up to 900 TPH to take care of any abnormal load.
- Flare monitoring for identifying abnormal flaring and to take preventive action.
- Leak Detection and Repair (LDAR) program for all process plants and hydrocarbon storage and handling area.
- Monitoring of all air pollutants at source, work zone and ambient air (as per CPCB guidelines) and modelling to estimate the impact on environment.

15. Details of solid waste/Hazardous waste generation and its management:

- All Non-hazardous waste shall be segregated at source and sold to local waste recyclers.
- All “other” wastes under H&OWM Rules 2016 covered under the EPR guidelines for “bulk consumer” shall be disposed to recyclers registered with CPCB or as appropriately stipulated in specific notifications / OMs. Ex: Batteries, Tyres, Non-ferrous metals, etc.,
- All spent catalyst shall be segregated and disposed off through Authorized re-processor.
- Adsorbents / spent resins etc. would be disposed off following H&OWM Rules 2016 with 3rd party TSDF.
- All energy containing hazardous wastes would be preferably disposed to Pre-processing for Co-processing / Co-incineration in cement plants or to 3rd party incinerators.
- Solid waste of domestic/ commercial origin generated in the plant will be disposed of suitably in consultation with the concerned Civic body.

No additional land shall be required for the proposed expansion project. The proposed expansion project will be set up on the available land within the existing plant area comprising of total 18 Hectares (44.4 Acres) land.

16. During deliberations, EAC discussed following issues:

- The PP informed that the earlier proposed greenbelt, envisaged through an MoU and located approximately 18 km from the proposed site, could not be materialised. Accordingly, a new agreement has been executed with the District Administration of Purba Medinipur for a total char land area of 78.99 hectares for development of a greenbelt, out of which about 50 hectares are free from inundation and suitable for greenbelt development. In this regard, it was informed that approximately 2 hectares have been allocated to M/s AdPlus, and the remaining area shall be earmarked for greenbelt development by HPL.
- Upon examination of the KML file, it was noted that the proposed char area is suitable for mangrove development. However, based on observations from Google Earth imagery, the area appears to be receding away from the shoreline, which poses challenges for greenbelt development. In this regard, the Committee emphasized the need for ecological restoration and mangrove development and advised engagement of a reputed agency for implementation of the greenbelt development. It was also suggested to ensure proper riverine restoration along with embankments for effective mangrove development.
- The Committee instructed the PP to submit a comprehensive ecological restoration plan incorporating mangrove plantation measures.
- The plant shall achieve 50% water recycling by December 2026 and Zero Liquid Discharge (ZLD) by 2030.

The committee was satisfied with the response provided by PP on above information. Further, Committee desired to submit the above information in writing. Accordingly, PP has submitted the desired information and EAC found the information/commitments satisfactory.

17. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

18. The Committee noted that the EIA/EMP report is in compliance of Standard ToR applicable to the project activity reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data is within NAAQ standards. The Committee has deliberated the action plan proposed by the project proponent to arrest the incremental GLC due to the project. The Committee has also deliberated on the Extended EMP plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.

19. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification

2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

20. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project proposed expansion of existing plant by increasing the production capacity of Phenol from 240 KTA to 400 KTA and Acetone from 147 KTA to 248 KTA at Tehsil Sutahata-I, Haldia, District: East Medinipur, West Bengal by M/s AdPlus Chemicals and Polymers Pvt. Ltd, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions enclosed at Annexure-1.

21. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

23. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

24. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

25. This issues with the approval of the Competent Authority.

Copy To

1. The Principal Secretary, Department of Environment & Forest, 5th Floor, Pranisampad Bhawan, Block LB-II, Salt Lake, Sector III, Bidhannagar, Kolkata – 700 106
2. The Regional Officer, Ministry of Environment, Forest and Climate Change, Regional Office, Kolkata IB – 198, Sector-III, Salt Lake City, Kolkata - 700106
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32
4. The Member Secretary, West Bengal Pollution Control Board, Paribesh Bhawan 10A, Block-LA, Sector-III Bidhannagar, Kolkata - 700 106.
5. Compliance & Monitoring Division, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, JorBagh Road, New Delhi.
6. District Collector, East Medinipur, West Bengal.
7. Guard File/Monitoring File/ Parivesh Portal /Record File.

Annexure 1

Specific EC Conditions for (Petroleum Products And Petrochemical Based Processing Such As Production Of Carbon Black And Electrode Grade Graphite (Processes Other Than Cracking)

1. Petroleum Products And Petrochemical Based Processing Such As Production Of Carbon Black And Electrode Grade Graphite

S. No	EC Conditions
1.1	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented (Annexure - 03). As per Ministry's OM No. IA-J-11013/20/2025-IA-P dated 25th November, 2025 Industry shall obtain CTE from respective SPCB/UTPCC.
1.2	The project proponent shall prepare a site specific conservation plan and wildlife management plan in case of the presence of Schedule-1 species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.
1.3	The total fresh water requirement after expansion shall not exceed 13,502 KLD which will be met from HDA through HPL Water supply system. MoU has been made between HPL and Adplus Chemicals & Polymers Pvt. Ltd. on 4 th December, 2025. Total daily wastewater generation after expansion will be 2467 KLD (Existing: 1801 KLD and Incremental Proposed: 666 KLD). 627 KLD process effluent shall be treated in the new ETP of capacity 720 KLD. Cooling Tower Blowdown & DM regeneration effluent along with treated process effluent would be used for effluent recycling and reuse. As committed, the Industry shall achieve 50 % recycling by 2026 and achieve Zero Liquid Discharge (ZLD) system by 2030.
1.4	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
1.5	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer to be done through pumps.
1.6	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
1.7	Regular VOC monitoring shall be done at vulnerable points. A Leak Detection and Repair (LDAR) Standard Operating Procedure (SOP) shall be strictly enforced.
1.8	The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bio-remediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system.
1.9	Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises.
1.10	The company shall undertake waste minimization measures as below: (a) Metering and control of quantities of active ingredients to minimize waste. (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment cleaning etc. to reduce wastewater generation.
1.11	Greenbelt of 5-10 m greenbelt has been developed in an area of 26.7% (4.85 Hectares/11.9 Acres) within as per existing EC. As committed 2.0 Hectares green belt shall be provided outside the plant premises in the Char land area for mangrove development, making overall

S. No	EC Conditions
	greenbelt coverage as 37.7% of total AdPlus Complex area. As committed the Industry shall engaged institute of repute for the implementation of plantation in Charland (mangrove outside the complex). As Indigenous species shall only be planted as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall plant at least 20 variety of species as a part of greenbelt. Saplings 4-6 feet high shall be planted. Annual audit shall be conducted by the Industry for updating progress of the greenbelt developed outside the Industry which shall be submitted to Regional Office along with 6 monthly compliance reports. Greenbelt outside the project site shall be maintained for the lifetime of the Industry. Records of tree canopy shall be monitored through remote sensing technology. Trees shall be planted in the Green Belt under the campaign #Plant4Mother एक पेड़ माँ के नाम and uploaded on the MeriLiFE portal (https://merilife.nic.in/).
1.12	PP proposed to allocate Rs. 4.00 Crores towards extended EMP which shall be spent as submitted as per action plan submitted in consultation with District Administration. All the commitments made in Public Hearing shall be completed within the timeline as per action plan submitted (Annexure - 04). Further, additional extended EMP of Rs. 300.33 Lakhs shall be completed before the commissioning of the plant(Annexure - 05).
1.13	A separate Environmental Management Cell (having qualified person with Environmental Science/ Environmental Engineering/ specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
1.14	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.
1.15	All the existing and proposed stacks shall not exceed the emission limits prescribed in the tables mentioned in the EC. Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server.
1.16	Industry shall allocate at least Rs. 1.00 Crore as capital expenditure and Rs. 0.10 Crore per annum as operational expenditure for Occupational Health Safety for establishing occupational health Centre for surveillance of the worker's health within the plant on a regular basis. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
1.17	The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9 th November, 2012 as amended time to time shall be followed.
1.18	Recommendations of mitigation measures from possible accident shall be implemented based on advanced risk Assessment studies conducted for worst case scenarios using latest techniques.
1.19	The project proponent shall develop R&D facilities to develop their own technologies for propylene and polypropylene processing.
1.20	Company shall determine the distance of fire hydrant while finalizing its location from storage tanks of flammable substance or any other hazardous storage substance shall be based on

S. No	EC Conditions
	dispersion of Thermal Radiation so that during any unforeseen situation fire hydrant is always available to operate manually.
1.21	Company shall maintain an Emergency Response Decision support system in such a way so that identification of the detector's network for the leak source and the probable leaked quantity in real-time, followed by modelling of the dispersion of the plume and consequences as forecast is done in advance and thus, no leak accident may go unattended. Accordingly, a Risk Mitigation plan shall be in place and tested using the 3D CFD modelling.
1.22	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration and the data to be transmitted to the CPCB and SPCB server. PP shall ensure that the concentration of pollutants in the ambient air quality remain within the norms specified in NAAQS 2009. In case any exceedance of air quality parameters is observed, the unit shall take action to curtail its activities immediately, till such time the ambient air quality is restored within the norms and inform the status to RO, MoEF&CC.
1.23	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12 th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

2. General Conditions

S. No	EC Conditions
2.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
2.2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
2.3	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
2.4	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. Extended EMP activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
2.5	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as

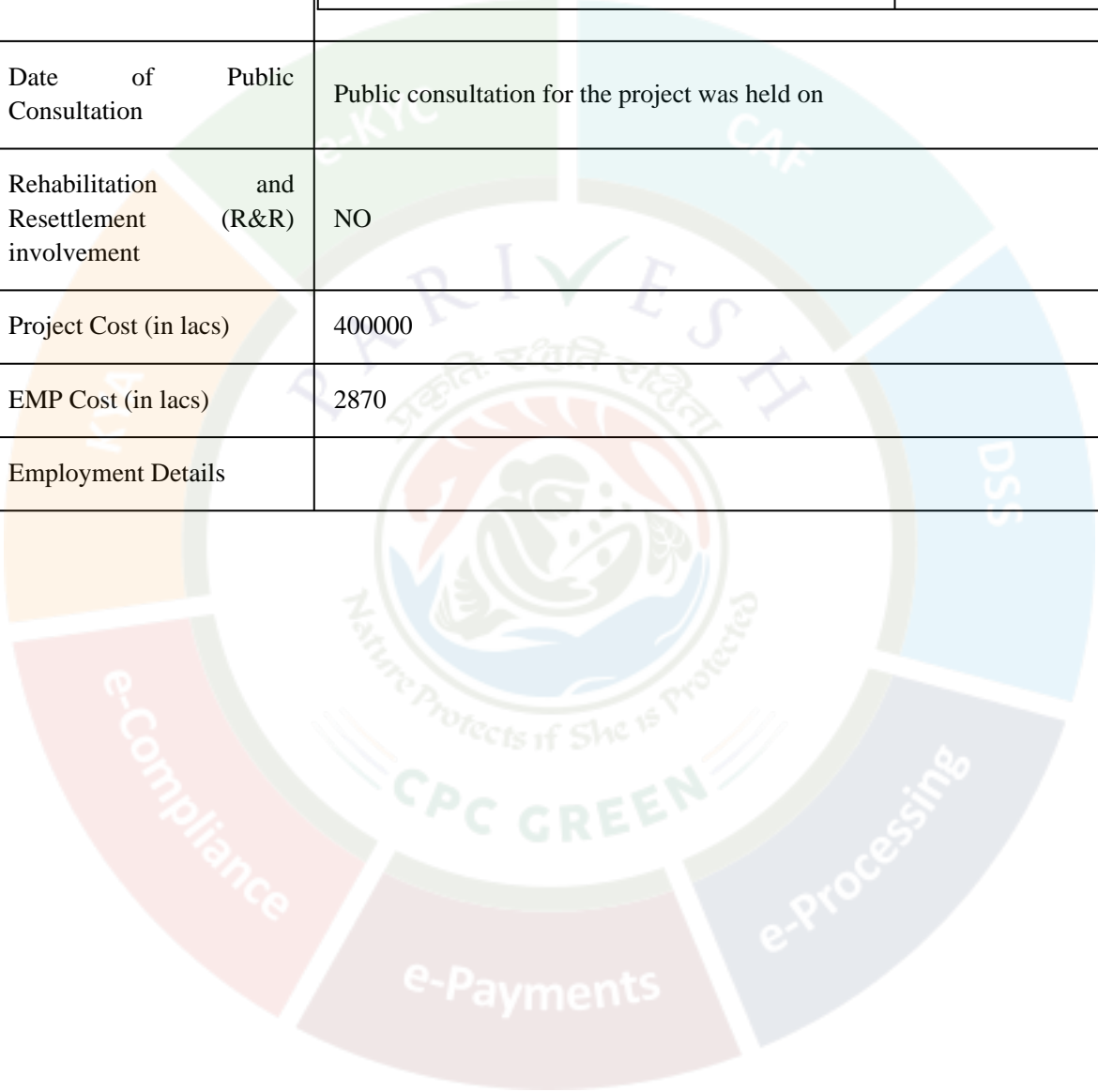
S. No	EC Conditions
	well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
2.6	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
2.7	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
2.8	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Environmental Clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
2.9	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
2.10	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
2.11	This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

Annexure 2

Details of the Project

S. No.	Particulars	Details
a.	Details of the Project	Proposed expansion of existing plant by increasing the production capacity of Phenol from 240 KTA to 400 KTA and Acetone from 147 KTA to 248 KTA.
b.	Latitude and Longitude of the project site	22.07105320123883,88.11740896954576 22.07500731766014,88.12244052317476

S. No.	Particulars	Details	
		Nature of Land involved	Area in Ha
c.	Land Requirement (in Ha) of the project or activity	Non-Forest Land (A)	18
		Forest Land (B)	0
		Total Land (A+B)	18.0
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement involvement (R&R)	NO	
f.	Project Cost (in lacs)	400000	
g.	EMP Cost (in lacs)	2870	
h.	Employment Details		



Details of Products & By-products

Sl. No.	Unit	Capacity as per EC Dt. 25.03.2025 (Under Implementation)	Proposed Additional Capacity	Total Capacity After Expansion	Remarks
1	Olefin Conversion Unit (OCU)	117 KTA	-	117 KTA	No Change
2	Cumene-Phenol Unit	240 KTA	160 KTA	400 KTA	Capacity Increase

Details of Products Manufactured from the Proposed Project

Sl. No.	Unit	Capacity as per EC Dt. 25.03.2025 (Under Implementation)	Proposed Additional Capacity	Total Capacity after Expansion
Final Products:				
1	Phenol	240 KTA	160 KTA	400 KTA
2	Acetone	147 KTA	101 KTA	248 KTA
Intermediate Products for conversion to Final Product:				
1	Cumene	319 KTA	213 KTA	532 KTA
2	Propylene	75 KTA	42 KTA	117 KTA

Annexure-3

Details of capital and recurring cost of EMP:

Capital Cost of Environmental Management Plan

Items	Cost (in Crores)
Air Pollution Control & Monitoring	16
Wastewater Management & Pollution Control (ETP)	9.1
Rainwater Harvesting (roof-top)	0.3
Solid & Hazardous Waste Management (Integrated Hazardous Waste Yard)	1.0
Leak Detection and Repair Programme	0.1
Occupational Health & Safety Management	1
Statutory Clearance (CTE/PH/Advt/PESO/FIRE/ Others)	1.2
GRAND TOTAL	28.70

Recurring Cost of Environmental Management Plan

Items	Cost (in Crores)	
	Year 2026 onwards *	Year 2030 onwards *
Air Pollution Control & Monitoring	1.60	1.60
Wastewater Management & Pollution Control (ETP)	5.1	9.9
Rainwater Harvesting	0.03	0.03
Solid & Hazardous Waste Management	0.1	0.1
Leak Detection/Environmental Statutory & Process Monitoring /DW etc.	0.1	0.1
Occupational Health & Safety Management	0.1	0.1
Statutory Clearance (CTO/HWA/PESO/FIRE/Others)	0.1	0.1
Environmental Training & Awareness Programme	0.1	0.1
GRAND TOTAL	7.2	12.0

Note: * As per commitments made to MoEF&CC, HPL and AdPlus together would ensure 50% of Recycling and Reuse by the year 2026 and 100% Recycling/Reuse by the year 2030.

Annexure-4

Details of Extended EMP with proposed activities and budgetary allocation:

Sl. No.	Proposed activities	Implementation of Extended EMP for social and infrastructure development on the basis of physical targets			Total budget allocated
		1 – 6 Months	7 – 12 Months	13 – 18 Months	
Public Hearing Related:					
1	Skill Development	Rs. 12 Lakhs	Rs. 13 Lakhs	Rs. 15 Lakhs	Rs. 40 Lakhs
		Skill Training cum Livelihood enhancement Project on Two and Three-wheeler Repairing & Maintenance for underprivileged	Skill Training cum Livelihood Enhancement Project on Manufacture & Marketing of Diversified Products	Upskilling rural women as community health workers.	

		youth of the Haldia Area.	crafted out of Jute and Water Hyacinth		
2	Health Checkup Camps for the community. Construction of Burn ward / Intensive Care Unit in consultation with the local hospital authorities.	Rs. 5 Lakhs Health check-up camps in regular intervals for the local community. 1. Vasudevpur 2. Sovarampur 3. Khudiram Nagar 4. Sutahata	Rs. 5 Lakhs Health check-up camps in regular intervals for the local community 1. Debhog 2. Hatiberia 3. Barghasipur 4. Mahishadal	Rs. 90 Lakhs Construction of Burn Ward / Intensive Care Unit at Haldia.	Rs. 100 Lakhs
Need Based:					
3	Educational infrastructure Development	Rs. 10 Lakhs Set up a Smart Classroom at: 1. Doro Sovarampur Maktab Primary School 2. Hatiberia Narendranath Milan Pry School 3. Basudevpur Paschim Palli Pry School	Rs. 10 Lakhs Promote sanitation, hygiene, and sustainability in schools. 1. Kismat Sibrum Nagar 2 No Prathamik Vidyalaya 2. Raghunathpur Prathamik Vidyalaya	Rs. 10 Lakhs Promote sanitation, hygiene, and sustainability in schools. 1. Muralikhali Atyaik Prathamik Vidyalaya	Rs. 30 Lakhs
4	Health Care Development	Rs. 10 Lakhs Infrastructure and medical equipment at Haldia Sub-Divisional / District Hospital.	Rs. 20 Lakhs Enhance healthcare access for surrounding communities. 1. Ramkrishna Seba Sadan 2. Ramkrishna Mission Chaitanyapur Eye Hospital		Rs. 30 Lakhs

5	Environmental & sustainability projects	Rs. 50 Lakhs 1. Common industrial Canal cleaning activity in Haldia	Rs. 50 Lakhs 1. Solid waste management projects in municipality. 2. Environmental awareness programs in Haldia	Rs. 100 Lakhs 1. Solar street lighting in surrounding villages and industrial area 2. Energy-efficient LED lighting in public infrastructure 3. Solar rooftop systems for schools, health canters, and community halls in Haldia	Rs. 200 Lakhs
Total					Rs. 400 Lakhs

Annexure-5

Sl. No.	Activity	Revised Budget (INR Lacs)
1	a. School Building & Repair b. Setting-up Science Laboratory & Bood Distribution c. Installation of Drinking Water Facility	40
2	a. Infrastructure & Facility Development in Healthcare Centers and Hospitals b. Mobile Clinical Van c. Patient rehabilitation – Physiotherapy Care Equipment	36
3	Skill & Livelihood Development by Imparting Training to Rural Woman to Craft diversified jute products	20
4	a. Community Forest & Mangrove Plantations in Sajnekhali (Sunderban) b. Distribution of Fruit Bearing Plants to Local Community	120
5	a. Water Purifier for District Police Force b. Computers for Coaching Center & Schools	20
6	Desilting of Ponds (in and around Haldia & Sundarban area)	53.35
7	Installing solar streetlights (in and around Haldia & Sundarban area)	10.98
Total		300.33
