

## APPENDIX I

(See paragraph-6)

### FORM 1

#### (I) Basic Information

Sr. No.	Item	Details									
1	Name of the Project/s	Proposed Synthetic Resin Production Plant (PF Resin & MUF Resin) by M/s East India Greenwood Trading Agency at Village – Khalaigram; P.O – Tengramari, P.S – Dhupguri, Dist. - Jalpaiguri; West Bengal; PIN - 735210									
2	S. No. in the Schedule	5(f)									
3	Proposed capacity/area/length/tonne to be handled/command area/lease area/number of wells to be drilled	<p><b>Products:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">No.</th> <th style="text-align: center;">Product</th> <th style="text-align: center;">Total Quantity</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Phenol-Formaldehyde Resin</td> <td style="text-align: center;">50 T/month</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Melamine-Urea-Formaldehyde Resin</td> <td style="text-align: center;">210 T/month</td> </tr> </tbody> </table> <p><b>Total Plot area: 462.695 Sq.m (0.11 Acres)</b></p>	No.	Product	Total Quantity	1	Phenol-Formaldehyde Resin	50 T/month	2	Melamine-Urea-Formaldehyde Resin	210 T/month
No.	Product	Total Quantity									
1	Phenol-Formaldehyde Resin	50 T/month									
2	Melamine-Urea-Formaldehyde Resin	210 T/month									
4	New/Expansion/Modernization	New									
5	Existing capacity/Area etc.	Not Applicable									
6	Category of Project i.e. 'A' or 'B'	'B' Category									
7	Does it attract the general condition? If Yes please Specify.	No									
8	Does it attract the specific condition? If yes please specify.	No									
9	Location	Mouza – Khalaigram, Village – Khalaigram, P.O – Tengramari, P.S – Dhupguri, Dist. - Jalpaiguri; West Bengal									
	Plot/Survey/Khasra No	L.R. Plot No 1666, 1667 & 1664									
	Village	Khalaigram									
	Tehsil	Khalaigram									
	District	Jalpaiguri									
	State	West Bengal									
10	Nearest railway station/airport along with distance in kms.	<p><b>Railway:</b> Kolaigram Railway Station Aerial distance : 0.2 km, north Road distance : 1.6 km</p> <p><b>Airport:</b> Bagdogra International Airport, Bagdogra, Siliguri Aerial distance : 73 km, WNW Road distance : 90 km</p>									
11	Nearest town, city, District Headquarters along with distance in	<p><b>Nearest Town:</b> Dhupguri: 5.5 km, NW</p> <p><b>District Headquarter :</b></p>									

Sr. No.	Item	Details
		Jalpaiguri : 32 Km, W
12	Village panchyats, Zilla Parishad, municipal corporation, Local body (Complete postal addresses with telephone nos. to be given)	<b>Village:</b> Khalaigram <b>Gram Panchyat:</b> Gadong
13	Name of the applicant	<b>M/s East India Greenwood Trading Agency</b>
14	Registered Address	Village – Khalaigram; P.O – Tengramari, P.S – Dhupguri, Dist. - Jalpaiguri; West Bengal; PIN - 735210.
15	Address for correspondence:	Village – Khalaigram; P.O – Tengramari, P.S – Dhupguri, Dist. - Jalpaiguri; West Bengal; PIN - 735210.
16	Name	Shyamal Roy
	Designation(Owner/Partner/CEO)	Partner
	Address	Village – Khalaigram; P.O – Tengramari, P.S – Dhupguri, Dist. - Jalpaiguri; West Bengal;
	Pin Code	735204
	Fax No.	--
	E-Mail	eastindiaresin@gmail.com
	Telephone No.	6294258101
17	Details of Alternatives sites examined, if any location of these sites should be shown on a topo sheet	Not Applicable
18	Interlinked Project	Not Applicable
19	Whether separate application of interlinked project has been submitted?	Not Applicable
20	If Yes, dates of submission	Not Applicable
21	If no reason	Not Applicable
22	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given. (a)The Forest (Conservation) Act 1980? (b)The Wildlife (Protection) Act, 1972? (c)The C.R.Z Notification, 1991?	No
23	Whether there is any Government order/policy relevant/relating to the site?	No
24	Forest land involved (hectares)	No
25	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a)Name of the Court. (b)Case No. (c) Orders /Directions of the court, if any and its relevance with the proposed Project.	No

- Capacity corresponding to sectoral activity (Such as production capacity for manufacturing , mining lease area and production capacity for mineral production, area for mineral exploration ,length for linear transport infrastructure, generation capacity for power generation etc.)

## (II) Activity

### 1. Construction, operation or decommissioning of the project involving actions, which will cause physical changes in the locality (Topography, land use, changes in water bodies, etc.)

Sr. No	Information/ checklist confirmation	Yes/ No	Wherever possible) with source of information data. Details thereof (with approximate quantities/ rates,
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use( with respect to local land use plan)	No	<b>Land Use:</b> There will be no change in land use of the project site. The land is already industrial. <b>Topography:</b> The site is currently flat and will remain same.
1.2	Clearance of existing land, vegetation and buildings?	No	--
1.3	Creation of new land uses?	No	--
1.4	Pre- construction investigations e.g. bore houses, soil testing?	Yes	Soil Investigation has been done prior to construction of proposed production unit.
1.5	Construction works?	Yes	Construction of the main factory shed and installation of machinery has been done.
1.6	Demolition works?	No	Not Applicable
1.7	Temporary sites used for construction works or housing of construction workers?	No	Only local labours will be hired. Hence, no housing colony is envisaged for construction phase.
1.8	Above ground buildings, structure or earthworks including linear structures, cut and fill or excavations.	Yes	Construction of the main factory shed for the resin production unit has been done.
1.9	Underground works including mining or tunnelling?	No	No underground work is envisaged.
1.10	Reclamation works?	No	No reclamation work is envisaged.
1.11	Dredging?	No	No dredging has been done.
1.12	Offshore structures?	No	No offshore structures has been made
1.13	Production and manufacturing processes?	Yes	The unit will be producing 50 TPM PF Resin & 210 TPM MUF resin. Details of production and manufacturing process are mentioned in the Pre-Feasibility Report.
1.14	Facilities for storage of goods or materials?	Yes	Chemicals within the facility will be highly monitored and stored in proper ventilated and secured rooms Hazardous chemical storage rooms will be provided with adequate ventilation.

Sr. No	Information/ checklist confirmation	Yes/ No	Wherever possible) with source of information data. Details thereof (with approximate quantities/ rates,
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	<p>The non hazardous solid waste generated from the facility will be disposed off per local MSW rules and requirements.</p> <p>Hazardous Waste will be kept in suitable container for disposal to Common Hazardous Waste Treatment Storage and Disposal facility (CHWTSDF).</p> <p>Domestic effluent will be sent through septic tank and soak pit and there will be recycling of industrial effluent through softener ensuring Zero Liquid Discharge.</p>
1.16	Facilities for long term housing of operational workers?	No	Only local workers will be hired. Hence, no long term housing colony is envisaged for operational workers.
1.17	New road, rail or sea traffic during construction or operations?	No	No new road, rail or sea traffic during construction or operations will be constructed.
1.18	New road, rail, air waterborne or other transport infrastructures including new or altered routes and stations, ports, airports etc?	No	--
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	--
1.20	New or diverted transmission lines or pipelines?	No	--
1.21	Impoundments, damming, culverting, realignment or other changes to the hydrology of water courses or aquifers?	No	--
1.22	Stream crossings?	No	--
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	<p>Ground water will be utilized for industrial and domestic purpose and bore well will be constructed with necessary permission from appropriate authority.</p> <p>Total water requirement is 6.7 KLD, out of which 5.0 KLD fresh water will be required.</p>
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	--
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	<p>During construction phase - material of construction will be transported to site. Local workers will be employed.</p> <p>During operation stage - there will be transportation of raw materials and production goods loading and unloading at the site. Also, there will be movement of vehicles of occupiers &amp; visitors.</p>

<b>Sr. No</b>	<b>Information/ checklist confirmation</b>	<b>Yes/ No</b>	<b>Wherever possible) with source of information data. Details thereof (with approximate quantities/ rates,</b>
1.26	Long-term dismantling or decommissioning or restoration works?	<b>No</b>	--
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	<b>No</b>	--
1.28	Influx of people to an area in either temporarily or permanently?	<b>Yes</b>	Requirement of skilled and semi skilled labours shall be around 6 people
1.29	Introduction of alien species?	<b>No</b>	--
1.30	Loss of native species or genetic diversity?	<b>No</b>	--
1.31	Any other actions?	<b>No</b>	--

**2. Use of natural resources for construction or operation of the Project (Such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):**

<b>Sr. No</b>	<b>Information/ checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data.</b>
2.1	Land especially undeveloped or agricultural land(ha)	<b>No</b>	The land is already acquired by the proponent and it is industrial land.
2.2	Water (expected source & competing users) unit: KLD.	<b>Yes</b>	The total freshwater requirement will be around 5.0 KL per day, out of which 0.8 KL will be used for domestic purpose from where around 0.73 KL sewage water will be generated which will be flowed to septic tank followed by soak pit. For industrial use, around 3.9 KL water will be required out of which 2.0 KL will be used in production process, 0.5 KL will be used in boiler, 1 KL will be required for cooling water makeup and 0.4 KL will be used for kettle washing. Around 0.4 KL effluent from the kettle washing will be reused in the process and 1.3 KL waste water is expected to be generated from boiler blow down & cooling tower blow down which will be stored in a storage tank and will be reused for plantation & dust suppression.
2.3	Minerals ( MT)	<b>No</b>	--
2.4	Construction material- stone, aggregates, and/soil (expected source- MT)	<b>Yes</b>	Locally available Construction material like Cement, Sand, Grit, Bricks, Steel, etc. shall be purchased from the local vendors
2.5	Forests and timber ( source- MT)	<b>No</b>	--
2.6	Energy including electricity and fuels	<b>Yes</b>	<b>Power from:</b> WBSEDCL.

Sr. No	Information/ checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data.
	(source, competing users) UNIT: fuel ( MT), energy( MW)		<b>Power requirement:</b> 160 kVA <b>Additional Source:</b> DG set capacity 125 kVA (proposed) <b>Boiler Fuel:</b> Ply Scrap - 300 kg/day <b>HSD for DG:</b> 35 Lit/hr
2.7	Any other natural resources (use appropriate standard units)	No	--

**3. Use , storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.**

Sr. No.	Information/ checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
3.1	Use of substances or materials which are hazardous (as per MSIHC rules) to human health or the environment ( flora, fauna, and water supplies)	Yes	Hazardous chemicals like Formaldehyde, acids etc shall be located/ stored outside the production block in the specified Hazardous chemical storage room. These rooms will be provided with adequate ventilation.
3.2	Changes in occurrence of diseases or affect disease vectors (e.g. insect or water borne diseases)	No	--
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	The project shall require skilled and unskilled labourers which is available locally. Normally there are several teams of skilled labours who work on contractual basis and take care of the entire production. Unskilled labourers shall be employed on daily wages. Requirement of skilled and semi skilled labours shall be around 6 people.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	No	--
3.5	Any Other Causes.	No	--

**4. Production of solid wastes during construction or operation or decommissioning (MT/Month)**

Sr. No.	Information/ checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	--
4.2	Municipal waste (domestic and or commercial wastes)	Yes	Office sweepings, Packing waste, Garden trash to be disposed off as per MSW rules.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	Used Oil will be collected, stored and reused as lubricant in plant & machineries or sold to

<b>Sr. No.</b>	<b>Information/ checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
			registered recycler Discarded Containers will be sent to authorized recycler after decontamination. Resin Residue will be disposed to CHWTSDF site Plastic waste will be sold to register recycler Fly ash will be used for land filling.
4.4	Other industrial process wastes	<b>Yes</b>	Resin Residue - Collection, Storage and disposal at CHWTSDF
4.5	Surplus product	<b>No</b>	--
4.6	Sewage sludge or sludge from effluent treatment.	<b>Yes</b>	Domestic Sewage generated at the plant is treated in septic tank and disposed via soak pit.
4.7	Construction or demolition wastes	<b>No</b>	Only plant shed will be constructed. No demolition will be done. The amount of construction waste will be negligible.
4.8	Redundant machinery or equipment	<b>No</b>	--
4.9	Contaminated soils or other materials	<b>No</b>	--
4.10	Agricultural wastes	<b>No</b>	--
4.11	Other solid wastes	<b>No</b>	--

#### **5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)**

<b>Sr. No.</b>	<b>Information/ checklist confirmation.</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data.</b>
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources.	<b>Yes</b>	Boiler will be attached to Cyclone separator unit and emission will be released via 30 m stack connected with Boiler. DG Set Stack Height: 3 m above roof
5.2	Emissions from production processes.	<b>No</b>	Resin production will be done in Closed system inside Resin Reaction Kettle.
5.3	Emissions from materials handling including storage or transport	<b>Yes</b>	Vehicular Dust may arise during transportation of materials. The dust emissions shall be mitigated by water spraying on the roads within the premises.
5.4	Emissions from construction activities including plant and equipment.	<b>Yes</b>	The main and visible pollution during construction phase is fugitive dust generated during excavation and other earthmoving activities and during concreting work. Due to use of construction machinery mainly some NO <sub>x</sub> and little amount of SO <sub>2</sub> emission will be there. This is temporary and will be taken care of by good maintenance of the construction machinery Water sprinkling will be done at regular

			intervals to reduce control of dust generation.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste.	No	Dust mitigation will be taken care of. Waste generated as construction waste will be handled / disposed / recycled as per accepted practice. Domestic sewage will be disposed through septic tank followed by soak pit.
5.6	Emissions from incineration of waste	No	No waste incineration is envisaged
5.7	Emissions from burning of waste in open air ( e.g. slash materials, construction debris)	No	No open air waste burning shall be done.
5.8	Emissions from any other sources	No	--

#### 6. Generation of Noise and Vibration, and Emissions of Light and Heat:

Sr. No.	Information/ checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, boiler.	Yes	At the time of operation phase, manufacturing equipments, DG Sets shall be source of noise, vibration and heat. However, maximum noise levels expected will be less than permissible limit of 75 dB(A) in day time at plant boundary. Appropriate measures will be followed to keep noise and vibration in check.
6.2	From industrial or similar processes	Yes	As above
6.3	From construction or demolition	Yes	The construction phase activity is a source of occasional noise pollution. Different equipment used during construction, which are the sources of noise pollution, will have built-in type noise control / abatement system
6.4	From blasting or piling	No	--
6.5	From construction or operational traffic	Yes	Very less, The increased traffic due to transportation of limited quantity of raw material and end products shall not have any significant impact.
6.6	From lighting or cooling systems	No	--
6.7	From any other sources	No	--

#### 7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

Sr. No.	Information/ checklist confirmation	Yes/ No	Details thereof (with approximate Quantities / rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	Material handling will be done carefully to avoid contamination from handling, storage, use or spillage of hazardous materials.

			Hazardous materials will be transferred and stored in suitable containers.
7.2	From discharge of sewage or other effluents to water or the land. (expected mode an place of discharge)	No	No sewage will be discharged. The waste water shall be reused for gardening and dust suppression purpose. Domestic sewage will be treated in septic tank followed by soak pit
7.3	By deposition of pollutants emitted to air into the land or into water	No	Appropriate APC devices (bag filter for this project) will be installed to avoid such emissions
7.4	From any other sources	No	--
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	--

**8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment.**

Sr. No.	Information/ checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances.	Yes	No use of explosives permitted. Fire and explosions are accidental events. Fire fighting precautions and Insurance will be taken. Safety Measures shall be taken for Hazardous chemicals handling per regulatory requirements.
8.2	From any other causes	No	--
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	Yes	Natural disaster preparedness will be given importance. The proposed project is located in Seismic Zone IV and all designs will be as per IS Codes.

**9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality**

Sr. No.	Information/ checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data.
9.1	Lead to development of supporting. laities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> <li>• Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)</li> <li>• Housing development</li> <li>• Extractive industries</li> </ul>	Yes	It is most likely that implementation of this project will help to improve the social infrastructure of the surrounding area.  There will be some positive socio-economic impact on the local people. The proposed project will have the potential to create direct and indirect employment.  All these will also help to uplift the

Sr. No.	Information/ checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data.
	<ul style="list-style-type: none"> <li>Supply industries</li> <li>Other</li> </ul>		employment status of the locality
9.2	Lead to after-use of the site, which could have an impact on the environment	No	Not envisaged
9.3	Set a precedent for later developments	No	--
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	No other similar industry nearby.

### (III) Environmental Sensitivity

Sr. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary		
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	No	None within 15km		
2	Areas which are important or sensitive for ecological reasons- Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Yes	Gosairhat Forest – 9.6 km, NNW Jaldhaka River - 3.8 Km, SW		
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Yes	Gosairhat Forest – 9.6 km, NNW Jaldhaka River - 3.8 Km, SW		
4	Inland, coastal, marine or underground waters	Yes	Jaldhaka River - 3.8 Km, SW		
5	State, National boundaries	No	None within 15km		
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	None within 15km		
7	Defence installations	No	None within 10km		
8	Densely populated or built- up area	Yes	Dhupguri: Aerial Distance: 5.5 km, NW Road Distance: 8.8 Km,		
9	Areas occupied by sensitive man-made land uses ( hospitals, schools, places of worship, community facilities)	Yes	<b>Name</b>	<b>Distance</b>	<b>Direction</b>
			<b>Hospitals</b>		
			Dhupguri Gramin Hospital	4.8 Km	NW
			Ahmed seba medical	8.5 Km	NW
			<b>Schools &amp; Colleges</b>		
			Salbari High	2.5 Km	E

Sr. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary		
			School		
			Dhupguri Girls' college	1.8 Km	NNW
			<b>Places of Worship &amp; Others</b>		
			Shiv Temple	0.5 Km	SW
			Baba baidyanath dham	0.6 Km	W
			Maa Kali Mandir	0.5 Km	NE
10	Areas containing important, high quality or scarce resources <i>(ground water resources, surface resources, forestry, agricultural, fisheries, tourism, minerals)</i>	<b>Yes</b>	Jaldhaka River - 3.8 Km, SW		
11	Areas already subjected to pollution or environmental damage. <i>( Those where existing legal environmental standards are exceeded)</i>	<b>No</b>	None within 15km		
12	Areas susceptible to natural hazard which could cause the project to present environmental problems. <i>(earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)</i>	<b>Yes</b>	The proposed project is located in Seismic Zone IV and all designs will be as per IS Codes		

“I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.”

**Date:**  
**Place:**

**M/s. East India Greenwood Trading Agency**  
Village – Kholagram; P.O – Tengramari,  
P.S - Dhupguri, Dist. - Jalpaiguri;  
West Bengal; PIN - 735210

**Authorized Signatory**