Agenda of 203rd Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 203rd (Day-3) **Meeting Date** August 11, 2021

Subject: Environment Clearance for Proposed Capacity Expansion of Integrated Paint Manufacturing Facility at Lote Parshuram Industrial Area, MIDC, Tal: Khed, Dist.: Ratnagiri, Maharashtra

Is a Violation Case: No

1.Name of Project	Proposed Capacity Expansion of Integrated Paint Manufacturing Facility at Lote Parshuram Industrial Area, MIDC, Tal: Khed, Dist.: Ratnagiri, Maharashtra
2.Type of institution	Private
3.Name of Project Proponent	Mr. Abhijit Natoo
4.Name of Consultant	Kadam Environmental Consultants, Vadodara, Gujarat
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, EC for Existing project is vide EC letter no.J-11011/296/2007-IA II (I) dated 25th October, 2007
8.Location of the project	F-1/2, F-2, F-3
9.Taluka	Khed
10.Village	Awashi
Correspondence Name:	Mr. Abhijit Natoo
Room Number:	10
Floor:	3rd Floor
Building Name:	Nerolac House
Road/Street Name:	Ganapatrao Kadam Marg
Locality:	Lower Parel
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Other Area- Industrial Estate
12.IOD/IOA/Concession/Plan Approval Number	MIDC, Lote Parshuram
	IOD/IOA/Concession/Plan Approval Number: MIDC/ ... / D-III/ L/Lote/4280; MIDC/LTP/F-3/PART/8406;
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	77347 m2
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 05-11-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	50000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Not applicable
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Water based Paint	1000 KLPM	1083 KLPM	2083.33 KLPM
2	Paints	1900 MTPM	1016.66 MTPM	2916.66 MTPM
3	Resin	1500 MTPM	583.33 MTPM	2083.33 MTPM
4	Thinner	275 KLPM	391.66 KLPM	666.66 KLPM
5	Thermosetting Powder	650 MTPM	350 MTPM	1000 MTPM

32.Total Water Requirement

Dry season:	**Source of water**	MIDC, Lote Parshuram
	Fresh water (CMD):	315
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	37.5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	416
	Fire fighting - Underground water tank(CMD):	1200 KL
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	63
Wet season:	**Source of water**	MIDC, Lote Parshuram
	Fresh water (CMD):	315
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	37.5
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	416
	Fire fighting - Underground water tank(CMD):	1200 KL
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	63
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	47	3	50	12	0.5	12	35	2.5	38
Industrial Process	100	90	190	71	63	134	29	27	56
Cooling tower & thermopack	75	46	121	63	43	112	6	3	9
Gardening	52	2.5	54.5	52	2.5	54.5	0	0	0

Fresh water requirement	205	110	315	135	77.5	212.5	70	32.5	102.5

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	It ranges from 15 to 20 m bgl
	Size and no of RWH tank(s) and Quantity:	It ranges from 15 to 20 m bgl
	Location of the RWH tank(s):	location is on layout map
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	18 Lakh
	Budgetary allocation (O & M cost) :	0.5Lakh
	Details of UGT tanks if any :	U/G storage tank: 2 nos. , 1200KL & 30 KL
35.Storm water drainage	**Natural water drainage pattern:**	towards SW direction
	Quantity of storm water:	91,559.53 m3
	Size of SWD:	1 m depth x 0.8 width
Sewage and Waste water	**Sewage generation in KLD:**	38 KLD after proposed expansion
	STP technology:	MBBR technology
	Capacity of STP (CMD):	1 no.; capacity:50KLD
	Location & area of the STP:	Near ETP, area: 40 m2
	Budgetary allocation (Capital cost):	20 Lakh
	Budgetary allocation (O & M cost):	12000/- per month

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	No construction activities are involved hence such waste generation is not envisaged
	Disposal of the construction waste debris:	No construction activities are involved hence generation and disposal of such wastes is not envisaged
Waste generation in the operation Phase:	**Dry waste:**	Wooden Scrap: 9.84 MTPM; Plastic bags: 0.74 MTPM; Paper bag:4.87 MTPM; MS Scrap: 22.15 MTPM; Misc Garbage: 27.73 MTPM; Gunny bag: 8.06 MTPM
	Wet waste:	Not Applicable
	Hazardous waste:	ETP sludge:5.65MTPM; Waste oil from ETP trap: 0.5 MTPM; Used/spent oil: 0.4 MTPM; solvent recovery residue/distillation sludge: 28 MTPM; Process waste & residue: 40.25 MTPM; Filter residue: 0.62 MTPM; cotton waste/ contaminated liner: 1 MTPM; MEE Salt: 1MTPM; Spent solvent: 17 MTPM; Discarded container/drum : 22 MTPM
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	75 Kg/day

Mode of Disposal of waste:	**Dry waste:**	sale to scrap dealer
	Wet waste:	Not Applicable
	Hazardous waste:	Sent to to CHWTSDF for landfilling & Sale to Authorised recycler
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	as manure for gardening
	Others if any:	Boiler Ash - Sale to cement/ brick manufacturing
Area requirement:	**Location(s):**	Total Plot Area: 77347 m2
	Area for the storage of waste & other material:	6024 m2
	Area for machinery:	Processing Area: 17581 m2
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	INR 250000
	O & M cost:	INR 1237943

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	6.6	7.3	5.5 - 9.0
2	Oil & Grease	mg/l	10	<0.1	10 max
3	BOD	mg/l	1117	14	100 max
4	TDS	mg/l	1130	260	2100 max
5	Suspended Solid	mg/l	572	11	100 max
6	COD	mg/l	3192	40	250 max
7	Chlorides	mg/l	15	11.8	600 max

Amount of effluent generation (CMD):	65 CMD
Capacity of the ETP:	ETP-1 : 85 CMD & ETP-2: 20 CMD
Amount of treated effluent recycled :	101 CMD
Amount of water send to the CETP:	Nil
Membership of CETP (if require):	Not required as zero liquid discharge
Note on ETP technology to be used	Note of ETP is given in Annexure of form 1 and Section 6.8 of Pre-feasibility report
Disposal of the ETP sludge	packed in bags and sent to CHW-TSDF Site at MIDC, Taloja.

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP sludge	35.3	MT per Month	1.65	4	5.65	CHWTSDF
2	Waste oil from ETP trap (skimming residue)	34.4	MT per Month	0.15	0.35	0.5	CHWTSDF
3	Used/spent oil	5.1	MT per Month	0.1	0.3	0.4	Sale to Authorised recycler
4	Solvent recovery residue/distillation sludge	36.4	MT per Month	0.75	27.25	28	CHWTSDF

5	Process waste & residue	21.1	MT per Month	0.25	40	40.25	CHWTSDF
6	Filter residue	21.2	MT per Month	0.02	0.6	0.62	CHWTSDF
7	Cotton waste/ contaminated liner	33.1	MT per Month	0.73	0.27	1	CHWTSDF
8	MEE Salt	-	MT per Month	-	1	1	to CHWTSDF for landfilling
9	Spent solvent	20.1	MT per Month	-	17	17	Sale to Authorised recycler
10	Discarded container/drum	33.2	MT per Month	-	22	22	Sale to Authorised recycler

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler	HSD, 34 Liter/hr	3	30	0.356	139 deg C
2	Boiler	HSD, 49 Liter/hr	2	30	0.356	134 deg C
3	Thermopac	HSD, 18 Liter/hr	2	30	0.356	144 deg C
4	Thermopac	HSD, 36 Liter/hr	1	30	0.356	146 deg C
5	Thermopac	Biofuel, 55 Ltr./hr	1	30	0.356	138 deg C
6	Thermopac	Biofuel, 91Ltr./hr	1	30	0.356	143 deg C
7	Thermopac	Briquette, 600 kg/hr	1	30	0.356	143 deg C
8	DG Set- 10 KVA	HSD, 1.8 Ltr./hr	1	3.6	0.051	225 deg C
9	DG Set- 250 KVA	HSD, 31 Ltr./hr	1	3.2	0.152	252 deg C
10	DG Set - 320 KVA	HSD, 40 Ltr./hr	1	3.6	0.102	334 deg C
11	DG Set - 500 KVA	HSD, 70 Ltr./hr	2	4.5	0.203	254 deg C
12	DG Set - 750 KVA	HSD, 100 Ltr./hr	3	8	0.254	249 deg C
13	Boiler (Additional), Capacity: 350 kg/hr	HSD, 21 Ltr./hr	3	30	0.25	134 deg C
14	Boiler (Additional), Capacity: 900 kg/hr	HSD, 50 Ltr./hr	1	30	0.35	134 deg C
15	stack attached to Resin scrubber	-	1	8	0.152	Ambient Temp
16	stack attached to Monomer scrubber	-	1	4.5	0.457	25 deg C
17	stack attached to Reactor vent	-	8	9	0.102; 0.202	35 deg C
18	stack attached to Fume extraction system in resin filtration area	-	2	2.3	0.076	Ambient Temp
19	stack attached to AMC in PC section	-	7	9, 12.5	0.203	Ambient Temp
20	stack attached to HSD, TSD	-	3	2, 10	0.152	Ambient Temp
21	stack attached to Ball mill powder charging	-	1	2.5	0.152	Ambient Temp

22	stack attached to Fume extraction system attached to mixer, solvent station, filling, etc.	-	21	2.5, 9	0.559	Ambient Temp

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD for Boilers (Lit/hr)	83	71	154
2	HSD for DG Sets (Lit/hr)	242.8	-	242.8
3	HSD for Thermopac (Lit/hr)	54	-	54
4	Biofuel for Thermopac (Lit/hr)	146	-	146
5	Briquette for Thermopac (kg/hr)	600	-	600

41.Source of Fuel	HSD:HPCL, Miraj Depot; Biofuel: Fine Agrochem, Solapur.; Briquette: Narmada Biofuels, Kolhapur
42.Mode of Transportation of fuel to site	by road tankers, trucks

43.Green Belt Development	**Total RG area :**	22285 m2
	No of trees to be cut :	NIL
	Number of trees to be planted :	NIL
	List of proposed native trees :	NIL
	Timeline for completion of plantation :	NIL

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NA	NA	NA	NA
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra Electricity Supply Board (MESB)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	8910 KW
	During Operation phase (Demand load):	2900 KVA
	Transformer:	1000 KVA (2 nos) ; 750 KVA (2 nos)
	DG set as Power back-up during operation phase:	The DG sets (1500 KVA -2 nos., 520 KVA-3 nos., 500 KVA- 1 no., and 320 KVA-2 nos.) are available in plant as a backup source in case of power failure
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NO

48.Energy saving by non-conventional method:

Solar tube, LED lighting, Thermic fluid steam generator, Solar plant .
Saving: 5%

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar tube, LED lighting, Thermic fluid steam generator, Solar plant	5%

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Wet scrubber, Carbon filter, Dust collector, Stack with adequate height	Existing APC are adequate
Water	80 KLD ETP, 20 KLD ETP & 50 KLD STP	Adequate size of ETP and STP for additional pollution load
Noise	Acaustic Enclosours with DG sets	No additional DG set proposed
Solid Waste	Membership with CHW-TSDF , Taloja	same Membership with CHW-TSDF , Taloja

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	1.75 crore
	O & M cost:	installed recently

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not Applicable	Not Applicable	Not Applicable

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Installation of two new stacks of height 30 m for boilers	30	2
2	Air Pollution Control	Installation of Existing air pollution equipment	85	2.5
3	Air Pollution Control	Existing flue gas and process stacks	100	2.66
4	Water Pollution Control	existing ETP & STP	365	27.71
5	Noise Pollution Control	Acoustic Enclosures	-	0.7
6	Environment Monitoring and Management	air, noise, water quality monitoring	10	2.66
7	Occupational Health	Maintenace of OHC, Ambulance, medical check up	15	22.55
8	Green Belt	Tree plantation and maintenance	7.5	4.06
9	Solid Waste Management	Collection & storage area; membership Fees with CHW-TSDF & other authorised vendors / recyclers	2.5	12.38
10	CSR Activity	Activities undertaken as CSR; periodical Health/medical camps arrangement	32.5	3.25

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Ammonia	Liquid	R.M.storage within plant premises	Carboys (30 kg): 50 nos.	1.5	2	supplier from various part of India	truck
Additive	Solid / Liquid	R.M.storage within plant premises	Barrels (200 kg) 6000 nos.	1200	2400	supplier from various part of India	truck
Biocides	Liquid	R.M.storage within plant premises	Carboys / Barrels (30 kg): 350 nos.	10.5	19	supplier from various part of India	truck
Solvent	Liquid	R.M.storage within plant premises	"U/g tanks: 15 Kl: 12 nos. Barrels: 200 liter: 400 nos. "	680	2350	supplier from various part of India	tanker
Monomer	Liquid	R.M.storage within plant premises	Barrels:(200 ltr) 400 nos.	80	160	supplier from various part of India	tanker

Pigment	Solid	R.M.storage within plant premises	bags: 25 kg: 17360 nos.	434	1100	supplier from various part of India	truck
TiO2 Powder	Solid	R.M.storage within plant premises	bags: 25 kg : 12800 nos.	320	810	supplier from various part of India	truck
Resin	Liquid	Resin storage area in plant	ST: 5T: 68 Nos. ST: 30T: 10 Nos. ST: 60T: 03 No.	820	2100	In-house production of captive consumption	through pipeline
Chemical	Liquid	R.M.storage within plant premises	drum/carboy: 30 Kg : 12000 Nos. Barrels: 200 Kg: 5000 Nos.	1360	2690	supplier from various part of India	truck
Vegetable Oils	Liquid	Oil Storage tank farm, block N	Tank: 30 KL : 4 Nos. Tank: 60 KL: 5 Nos.	420	1100	supplier from various part of India	tanker
Emulsion	Liquid	Emulsion storage tankfarm	ST: 30 KL: 7 Nos. Barrel: 200 kg: 750 Nos.	280	650	supplier from various part of India	tanker
Intermediate	Liquid	R.M.storage within plant premises	Drums: 25 Kg: 400 Nos. Barrel: 200 Kg: 250 nos.	60	200	supplier from various part of India	truck

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	as per MIDC norms, 112 m2,
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	8 meter
	CRZ/ RRZ clearance obtain, if any:	Not applicable

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	Schedule Activity 5 (h) & Category 'B'
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP proposes Zero Liquid Discharge Effluent Treatment Plant.
Drainage pattern of the project	PP considered contour levels during design of storm water drains.
Ground water parameters	As per data submitted by PP ground water parameters are within the prescribed limits.
Solid Waste Management	PP committed to dispose the hazardous waste at Common Hazardous Waste Treatment, Storage, and Disposal Facility and sale to Authorized vendors. Details are given at Sr. No. 38 of the Consolidated Statement.
Air Quality & Noise Level issues	As per data submitted by PP Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The power will be supplied by MSEDCL
Traffic circulation system and risk assessment	PP proposes internal roads with minimum six meter width and nine meters of turning radius for smooth circulation of traffic.
Landscape Plan	PP proposes to provide 33% green belt
Disaster management system and risk assessment	PP carried out HAZOP and Risk Assessment and submitted DMP.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes Rs. 656.65 Lakhs as capital cost and Rs. 82.23 Lakhs as recurring EMP cost for the maintenance of environmental parameters during operation phase.
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Kadam Environment Consultants.

History:

PP submitted their proposal for the grant of prior Environmental Clearance and was first considered in the 158th B meeting of SEAC-1 held on 02.01.2019 wherein ToR was granted to the PP.

Now, PP submitted EIA/EMP report for appraisal.

The proposal was appraised based on the documents submitted and presented by the PP and their accredited Environmental Consultant.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to recommend the proposal to the SEIAA for prior Environmental Clearance subject to the following specific conditions and submission of recent certified EC compliance report from the Regional Office, MoEF&CC, Nagpur.-

Specific Conditions by SEAC:

1) PP to provide Zero Liquid Discharge Effluent Treatment Plant as agreed.
2) PP to explore possibility to assess techno-economic feasibility of using technology for MEE such as low temperature/mechanical vapour compressor etc. so s to reduce operation cost and use of natural resources.
3) PP has obtained earlier EC vide No. J-11011/296/2007-IA.II (I) dated 25.10.2017. PP submitted certified compliance of earlier EC obtained from the Regional Office of MoEF&CC vide letter dated 21.12.2018 wherein no non-compliances were observed by the authority.
4) PP to prepare year wise plan to implement the suggestion of Life Cycle Analysis. PP to make it a part of EMP for regular monitoring.
5) PP to submit copies of MoU executed with the brick manufacturer for reuse/disposal of boiler ash.
6) PP to ensure to utilize entire CER fund before commissioning of the manufacturing activity in consultation with the District Collector.
7) PP to complete green belt development with the provision of drip irrigation before commissioning of the manufacturing activity.
8) PP to provide Online Continuous Monitoring System connected to the servers of CPCB/ and MPCB.
9) PP to complete rain water harvesting facility before commissioning of the manufacturing activity.
10) PP to include carbon and water foot print monitoring in the Environmental Management Plan.
11) PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Agenda of 203rd Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 203rd (Day-3) **Meeting Date** August 11, 2021

Subject: Environment Clearance for Mining of Mineral (Open cast)

Is a Violation Case: No

1.Name of Project	Satuk Manganese Mine
2.Type of institution	Semi Government
3.Name of Project Proponent	M/s MOIL Limited
4.Name of Consultant	Wolkem India Limited ,Udaipur ,Rajasthan
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Topo sheet No 55 O/7
9.Taluka	Parseoni
10.Village	Satuk
Correspondence Name:	Mr. Dipanker Shome
Room Number:	NA
Floor:	NA
Building Name:	MOIL Bhawan
Road/Street Name:	1-A ,Katol Road,
Locality:	Katol Road
City:	Nagpur
11.Whether in Corporation / Municipal / other area	Not applicable
12.IOD/IOA/Concession/Plan Approval Number	Approved Mining plan with PMCP
	IOD/IOA/Concession/Plan Approval Number: Mining Plan and Progressive Mining Closure Plan under Rule 16 (1) of MCR, 2016 and Rule 23 B of MCDR 1988 in respect of an area over 5.62 ha in village Satuk is approved by Regional Controller, Nagpur Region, IBM vide letter no. NGP/MN/MPLN-1172/NGP-2016 on dated 9.08.2016.
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	The LOI for Mining Lease has been granted to MOIL over an area of 5.62 ha in village Satuk, Tah.: Parseoni of Dist: Nagpur of Maharashtra State by Government of Maharashtra vide letter number MMN-0216/L. No. 21/Industry-9, Mumbai dated 06.04.2016.
15.Total Plot Area (sq. m.)	5.62 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	31300000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Not applicable
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Manganese Ore	0	642 (7700 TPA)	642 (7700 TPA)

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	5
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	5
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Fresh water requirement	0	5	5	0	0	0	0	0	0
Domestic	0	2	2	0	0	0	0	0	0
Gardening	0	1	1	0	0	0	0	0	0
Domestic	0	5	5	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Static water level during winter is about 6 mts from ground surface ans about 8 mts during summer .
	Size and no of RWH tank(s) and Quantity:	Proposed
	Location of the RWH tank(s):	Proposed
	Quantity of recharge pits:	Proposed
	Size of recharge pits :	1.29 Ha area will be left for rain water storage
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	-
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	Not applicable
	STP technology:	Not applicable
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	Not applicable
	Budgetary allocation (O & M cost):	Not applicable
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	3553 MT Mineral reject as Over burden
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	Not applicable
	Wet waste:	Not applicable
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

Mode of Disposal of waste:	**Dry waste:**	Over burden will be dumped in the mining lease area
	Wet waste:	Not applicable
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	**Location(s):**	Not applicable
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0	As per requirement	As per requirement
41.Source of Fuel		Provide by Authorized person		
42.Mode of Transportation of fuel to site		Trucks		

43.Green Belt Development	**Total RG area :**	3.785 Ha will be planted
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	3785
	List of proposed native trees :	Neem, Shisham, Amaltas ,Mango ,Karanj,Pipal ,Sagwan ,Bel ,Siras
	Timeline for completion of plantation :	5 years

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	500	Pollution tolerant & Medicinal
2	Dalbargia Sisso	Shisham	300	Pollution tolerant & Medicinal
3	Cassia fistula	Amaltas	400	Pollution tolerant & Medicinal
4	Mangifera Indica	Mango	600	Pollution tolerant & Medicinal
5	Pongamia Pinnata	Karanj	400	Pollution tolerant
6	Ficus religious	Pipal	400	Pollution tolerant & Medicinal
7	Tectona grandis	Sagwan	300	Pollution tolerant & Medicinal
8	Aegel marmelos	Bel	400	Pollution tolerant & Medicinal
9	Albizzia Sp.	Siras	400	Pollution tolerant
10	NA	NA	NA	NA

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Not applicable	Not applicable	Not applicable

47.Energy

Power requirement:	**Source of power supply :**	M.S.E.B. 11 KV Line is provided up to village Satuk and near manganese deposit of Satuk area.
	During Construction Phase: (Demand Load)	Not applicable
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	Not applicable
	During Operation phase (Demand load):	Not applicable
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	Not applicable
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Not applicable	Not applicable

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Mining ,Loading and unloading .transportation of Minerals	NIL	All Environmental mitigation measures will be done as per MPCB.

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not applicable	Not applicable	Not applicable

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Pollution Control	Garland Drain, Water sprinkler, retaining walls)	5.0	1.0

2	Pollution Monitoring	Air, soil, Water, Noise	3.0	0.5
3	Occupational Health	Medical check	2.0	0.5
4	Green Belt	Plantation	3.0	1.5
5	Miscellaneous (fencing, Hydrogeology studies, Risk analysis etc.)	Fencing, Hydro-geology studies, Risk analysis etc.)	2.0	1.5

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable
Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Not applicable
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Not applicable
	CRZ/ RRZ clearance obtain, if any:	Not applicable

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	Category B-1, Project activity -1(a)
	Court cases pending if any	NO
	Other Relevant Informations	The proposed Manganese mining area of 5.62 Hectare (ha) in Village: Satuk, Tahsil: Parseoni, Distt; Nagpur- Maharashtra State has been granted lease to M/s. MOIL Limited., for a period of 50 years approved by Regional Controller, Nagpur Region, IBM vide letter no. NGP/MN/MPLN-1172/NGP-2016 on dated 9.08.2016. The proposed manganese ore production is 7700 Tonnes (TPA) ROM. The mining is Opencast mining. The region has good deposits of Manganese and has major demand in Steel Industry. The location advantage of the mine makes it possible to dispatch the Manganese in all the directions giving easy accessibility to the market.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits at site.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	Not Applicable
Drainage pattern of the project	During rainy season, PP to provide adequate storm water drains to prevent entry of the rain water in the mine pit.
Ground water parameters	As per data submitted by PP ground water parameters are within the prescribed limits at project site.
Solid Waste Management	Top soil will be used for plantation and waste materials will be dumped on site in non mineral area which will be biologically stabilized.
Air Quality & Noise Level issues	As per data submitted by PP Air Quality and noise parameters are within the prescribed limits at project site.
Energy Management	Not Applicable
Traffic circulation system and risk assessment	PP provided internal roads of six meters width for smooth circulation of traffic.
Landscape Plan	The proposed mine area will be converted into green belt after completion of mining activity as per approved closure plan..
Disaster management system and risk assessment	PP carried out HAZOP and Risk Assessment and submitted DMP
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.

Environmental Management Plan	PP prepared EMP cost of Rs 15 Lakh as capital cost and Rs,4.5 Lakh as O & M cost to maintain environmental parameters
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 1(a)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in the 149th meeting of SEAC-1 held on 06.04.2018 where in ToR was granted to the PP for the preparation of EIA/EMP reprot alogn with following additiona conditions,

1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles and memorandum of association.

2. PP to submit lay out plan showing entry/exit gates, internal roads with minimum width of six meters and turning radius of nine meters,location of storage of over burden and top soil, location of mining pits, approach road to the site etc. PP to obtain permission from competent authority to draw ground water.

3. PP to submit copy of approved mining plan. PP also to submit approved mine closure plan from competent authority

4. PP submit record of rights document for proposed mining area.

5. PP to include safety measures proposed to prevent any unforeseen accident.

6. PP to obtain permission from competent authority for removal of trees if necessary. PP to use transplantation technique instead of cutting the trees.

7. PP to submit contour plan of the mining area and surrounding area.

8. PP to submit Socio Economic survey report and include its recommendations in the EIA reprot.

9. PP to plan CSR in consultation with the District Authority along with implementation schedule. PP to maintain separate account for CSR funds.

Now PP submitted EIA/EMP report for appraisal.

History:

MOIL Schedule – A, Miniratna Category - I, Central Public Sector Enterprise (CPSE) company, under the administrative control of the Ministry of Steel, Government of India.

MOIL is a listed Company, presently equity holding % is as below:

• Government of India – 53.84 %

• Government of Maharashtra – 5.11%

• Government of Madhya Pradesh – 5.40 %

• Public – 35.65%

PP submitted consent letter from the owner to sale the said land to the PP. The details as given by the PP are as under,

Sr. No.	Name of land owner owner	Khasra No.	Total area in Ha.
1	Mahagu Tanu Bhute	294, 295	0.27
2	Savaji Tanu Bhute	295	0.13
3	Vijay Dhondabaji Mahajan	296	0.36
4	Vijay Dhondabaji Mahajan	297	0.34
5	Ashok Potbhare	292/2	0.41
6	Kartiban Pille	292/2	0.40
7	Prashant Pille	292/2	0.40
8	Ramakant Shravankar	292/2	0.81
9	Pranita Baldev Kumbhalkar	292/1	0.41
10	Ramakant Shravankar	292/1	1.63
11	Ramakant Shravankar	340, 341, 342	0.46
	TOTAL		**5.62**

Govt. of Maharashtra vide letter no. PLV-N-1678/2011/2673 dated 3.12.2013 has granted Prospecting License for Manganese ore over an area of 5.62 ha.

The LOI granted to MOIL Limited by Government of Maharashtra vide letter Number MMN-0216/L vide no. 21/Industry-9, Mumbai dated 06.04.2016 over an area of 5.62 ha at village Satuk, Tehsil- Parseoni, Dist. - Nagpur (Maharashtra).

Mining Plan and PMCP plan under Rule 16 (1) of MCR, 2016 and Rule 23B of MCDR 1988 in respect of over an area of 5.62 ha in village Satuk is approved by Regional Controller, Nagpur Region, IBM vide letter no. NGP/MN/MPLN-1172/NGP-2016 on dated 09.08.2016.

METHOD OF MINING

- Mining will be done with Open Cast Mechanized method of mining.
- This is a virgin area and manganese ore is found at Block A below 10m from the surface up to 20m depth. In Block B & C below 5m up to the depth of 45m.
- Deposit is located at shallow depth. Hence, opencast mining will be carried out.
- Box cut of 10m wide shall be commenced from hang wall side and exposed up to footwall in Block A. Road from footwall side will be made for disposal of ROM and Overburden and topsoil in lease area. Development and ramps will be prepared in Block A.
- After development of Block A, box cut will be developed at Block-B & C from hang wall side and exposed up to footwall and the box hole will be connected to the travelling road made in the lease area for Block-A. Preparation of ramp and development of benches will be carried out in Block B & C in such a way by leaving safe distance of 50m from the nallah located in eastern side of Block B & C.
- Topsoil will be stacked separately in footwall side as marked as topsoil dump in surface plan and overburden will be stacked separately as marked as OB dump in surface plan.
- Barrier pillar of 7.5m wide will be kept near boundary of the lease as marked in the plan at Block B & C and in Block-A.

Salient feature of the proposed open cast mining method of mining:

- The parameters of open cast development is as below:
- Height of Benches: 6.0m
- Width of benches: Not less than Height – 10m
- Development to be done in horizontal plane
- Development extends from 297m RL to 268m RL in vertical plane
- Bench alignment –Parallel to the strike of ore body i.e. E-W
- The ultimate pit slope angle – Not more than 30°
- Direction of face advance- Across the strike of ore body

Drilling will be done by DTH drill machine of 100 mm dia.

Depth - 6.5 mtrs.

Spacing - 2 x 2 mtrs.

Burden - 2.5m x 2.5 m.

Blasting details,

Controlled blasting with shock tubes & slurry explosives will be used.

The production will be 3188 Tons/Tear

The life on mine will be 5 years.

PP submitted application for prior Environmental Clearance. The proposal was earlier considered in the 149th meeting held on 06.04.2018.

The Public Hearing was conducted on 13.06.2019. PP submitted copy of Public Hearing minutes.

PP submitted EIA/EMP report during 174th meeting held on 03.10.2020 wherein the proposal was deferred sue to inadequate information.

Representative of PP was present during the meeting through their accredited Environmental consultant M/s. Wolkem India Limited.

The presentation is prepared based on the documents submitted and presented by the PP and their accredited Environmental Consultant.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to recommend the proposal to SEIAA for prior Environmental Clearance subject to the following specific EC conditions -

Specific Conditions by SEAC:

1) PP to ensure to purchase the land from the owners before taking any effective steps on site. PP also to ensure to follow the stipulations mentioned in the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Settlement (Maharashtra) 2018 as amended from time to time.
2) PP to plant minimum 2650 nos. of indigenous trees in the 7.5 m wide periphery with the provision of drip irrigation.
3) In case of on-site labour camp during construction phase, PP to provide all necessary facilities like bio toilets, fuel for cooking, safe drinking water, shelter etc. to the labourers.
4) PP to get proposed mine area and 7.5 meter wide safety zone demarcated in presence of DMO before taking any effective steps on site.
5) PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident. PP to plant trees along the road.
6) PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
7) PP to provide First Aid facility at the proposed mining site.
8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
9) The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
10) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
11) PP to ensure that no mining shall be done below the depth as approved in the mining plan.
12) PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.
13) PP to ensure no water stream is diverted/altered due to proposed quarrying activity.
14) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.
15) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
16) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
17) PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.
18) PP to ensure that public roads are not used for parking purpose. Parking shall be on pre decided place only.
19) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
20) PP to provide solar energy, Gents/Ladies sanitation, safe drinking water facility in the Z.P. School in nearby villages from their CER funds of Rs. 6.5 Lakhs in consultation with the District Authority.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Agenda of 203rd Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 203rd (Day-3) **Meeting Date** August 11, 2021

Subject: Environment Clearance for Establishment of Proposed Synthetic Organic Chemicals Manufacturing Facility By Vinati Organics Limited at Plot No. L-2/1, L-2/2, Additional MIDC Mahad, Dist: Raigad, Maharashtra

Is a Violation Case: No

1.Name of Project	Establishment of Proposed Synthetic Organic Chemicals Manufacturing Facility By Vinati Organics Limited at Plot No. L-2/1, L-2/2, Additional MIDC Mahad, Dist: Raigad, Maharashtra
2.Type of institution	Private
3.Name of Project Proponent	Vinati Organics Limited
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Industrial project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot No. L-2/1, L-2/2, Additional MIDC Mahad, Dist: Raigad, Maharashtra
9.Taluka	Mahad
10.Village	Kalij village
Correspondence Name:	Mr. Jayesh Ashar
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	--
City:	--
11.Whether in Corporation / Municipal / other area	In Additional Mahad MIDC
12.IOD/IOA/Concession/Plan Approval Number	Plot possession letter
	IOD/IOA/Concession/Plan Approval Number: Plot possession letter
	Approved Built-up Area: 29810
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plot possession letter
15.Total Plot Area (sq. m.)	100054
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 29810
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 08-05-2018
19.Total ground coverage (m2)	43655
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	5540000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	as per MIDC norms
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	as per MIDC norms
29.Existing structure (s) if any	Not applicable. Proposed project is new establishment.
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Para Amino Phenol	--	36000 TPA	36000 TPA
2	Nitrobenzene	--	40000 TPA	40000 TPA
3	Hydrogen	--	3200 Nm3/hr	3200 Nm3/hr
4	Cogen plant	--	14 MW	14 MW
5	Ammonium Sulphate (By- product)	--	33000 TPA	33000 TPA
6	Aniline (By- product)	--	3500 TPA	3500 TPA
7	Ortho amino phenol (By- product)	--	900 TPA	900 TPA

32.Total Water Requirement

Dry season:	**Source of water**	MIDC
	Fresh water (CMD):	4025 cmd
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4795 cmd
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Recycle water- 770 cmd
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	--	15	15	--	3	3	--	12	12
Industrial Process	--	45	45	--	25	25	--	20 + reaction water 119	20 + reaction water 119
Cooling tower & thermopack	--	4652	4652	--	4004	4004	--	648	648
Gardening	--	83	83	--	83	83	--	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	--
	Size and no of RWH tank(s) and Quantity:	2 x 300 cu.m
	Location of the RWH tank(s):	within plot
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	--
35.Storm water drainage	**Natural water drainage pattern:**	--
	Quantity of storm water:	--
	Size of SWD:	--
Sewage and Waste water	**Sewage generation in KLD:**	12 cmd
	STP technology:	Not applicable
	Capacity of STP (CMD):	--
	Location & area of the STP:	--
	Budgetary allocation (Capital cost):	--
	Budgetary allocation (O & M cost):	--

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Minor quantity of construction waste will be generate.
	Disposal of the construction waste debris:	Construction waste will be disposed off as per norms.
Waste generation in the operation Phase:	**Dry waste:**	Fly Ash: 134 TPD, Rubber, Hand gloves, PVC shoes, Tarpaulin, Hose pipes: 2 TPA, Insulating material, cladding: 1 TPA, Iron scrap, Glass, Paper, Plastic bottles etc: 5 TPA
	Wet waste:	--
	Hazardous waste:	Used/ Spent Oil: 1 KLPA, Exhaust Air or Gas cleaning residue: 2 TPA, Chemical sludge from waste water treatment and MEE salts: 2700 TPA, Discarded Drums, carboys etc: 1000 Nos/ annum, Process wastes, residues and sludge (Paint cans, brush etc): 1 TPA
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	--
	Others if any:	--

Mode of Disposal of waste:	**Dry waste:**	Non Hazardous waste will be disposed off as per norms.
	Wet waste:	--
	Hazardous waste:	Hazardous waste will be disposed off as per Hazardous waste rule 2016.
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	--
	Others if any:	--
Area requirement:	**Location(s):**	within plot
	Area for the storage of waste & other material:	--
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	--
	O & M cost:	--

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	6 to 9	6 to 9	6 to 9
2	COD	mg/lit	25000 to 27000	250	< 250
3	BOD	mg/lit	7000 to 8000	100	< 100
4	TDS	mg/lit	1000 to 1500	2100	< 2100
5	TSS	mg/lit	100 to 200	100	< 100
6	Oil & Grease	mg/lit	15 to 20	10	< 10

Amount of effluent generation (CMD):	799 cmd
Capacity of the ETP:	Adequate sized ETP capacity will be provided during detailing
Amount of treated effluent recycled :	770 cmd
Amount of water send to the CETP:	29 cmd
Membership of CETP (if require):	--
Note on ETP technology to be used	High COD & TDS > Equalization tank > Neutralization tank > MEE > ATFD > Permeate to ETP, Low COD & TDS > Equalization tank > Neutralization tank > Pri. Clarifier > Aeration tank > Sec. clarifier > Disinfection tank > Pressure sand filter > Activated carbon adsorber > Ultrafiltration > Reverse osmosis
Disposal of the ETP sludge	ETP sludge will be sent to CHWTSDF.

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used/ Spent Oil	5.1	KLPA	--	1	1	CHWTSDF/ Sale to Authorized party approved by MPCB
2	Exhaust Air or Gas cleaning residue	35.1	TPA	--	2	2	To CHWTSDF
3	Chemical sludge from waste water treatment and MEE salts	35.3	TPA	--	2700	2700	To CHWTSDF
4	Discarded Drums, carboys etc	33.1	Nos/ annum	--	1000	1000	Authorized MPCB Drum Recycler

5	Process wastes, residues and sludge (Paint cans, brush etc)	21.1	TPA	--	1	1	To CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	96 TPH Boiler	Coal: 17455 Kg/ Hr	1	76	3	140
2	15 Lac kcal/ Hr Thermic fluid heater	Coal: 564 Kg/ Hr	2	30	0.55	150
3	15 Lac kcal/ Hr Thermic fluid heater	Coal: 564 Kg/ Hr	3	30	0.55	150
4	750 KVA DG set	HSD: 150 Lit/ Hr	4	5 m above building	--	--
5	750 KVA DG set	HSD: 150 Lit/ Hr	5	5 m above building	--	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	--	446 TPD	446 TPD
2	HSD	--	300 Lit/ Hr	300 Lit/ Hr
41.Source of Fuel		from nearby source		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	**Total RG area :**	Green belt area: 33,072 sq.m.
	No of trees to be cut :	--
	Number of trees to be planted :	--
	List of proposed native trees :	--
	Timeline for completion of plantation :	As per project development phase

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	--	--	--	--
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	--	--	--

47.Energy

Power requirement:	**Source of power supply :**	From MSEDCL
	During Construction Phase: (Demand Load)	--
	DG set as Power back-up during construction phase	2 nos. of 750 KVA DG set
	During Operation phase (Connected load):	5000 KVA
	During Operation phase (Demand load):	5000 KVA
	Transformer:	--
	DG set as Power back-up during operation phase:	2 nos. of 750 KVA DG set
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	--

48.Energy saving by non-conventional method:

--

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	--	--

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air pollution	--	For Boiler (Lime treatment, ESP, Stack), For TFH (Cyclone followed by Bag filter, stack)
Water pollution	--	ETP, RO, UF, MEE, ATFD
Hazardous waste	--	To CHWTSDF/ Disposal to Authorized parties
Noise pollution	--	Acoustic enclosure, Silencer, PPE

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	--
	O & M cost:	--

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	--	--	--

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution control	Installation of ESP, Lime treatment, bag filters, scrubber system for process emissions, odor control, etc	2500	250
2	Water pollution control	Construction of STP, ETP, RO, MEE	500	100
3	Environment Monitoring & Management	Installation of online monitoring, analytical facilities,	50	15
4	Occupational Health & Safety	Construction of OHC and its facilities	25	10
5	Green Belt enhancement & maintenance	Plantation, irrigation, fertilizers, pesticides	20	5
6	Solid waste management	Construction of storage area for wastes, equipment's for collection and transport	5	10
7	Green initiative	Installation of LED	10	2
8	Green initiative	Installation solar lights along road, Solar bulbs	25	5
9	Green initiative	Rain water harvesting (Development of paved area, Channeling of storm water drain, Construction of ground water recharge pit, Construction of RWH tanks)	50	5

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Benzene	2 nos. each	Within plot	800 KL each	800 KL each	35,500 TPA	From nearby source	By road
Methanol	2 nos. each	Within plot	600 KL each	600 KL each	17,500 TPA	From nearby source	By road
Toluene	2 nos. each	Within plot	100 KL each	100 KL each	500 TPA	From nearby source	By road
Anhydrous ammonia	2 nos. each	Within plot	180 KL each	180 KL each	11,300 TPA	From nearby source	By road

Solvent	1 nos. each	Within plot	30 KL each	30 KL each	As per requirement	From nearby source	By road
Sulphuric acid	1 nos. each	Within plot	600 KL each	600 KL each	33,000 TPA	From nearby source	By road
Nitric acid	2 nos. each	Within plot	600 KL each	600 KL each	21,000 TPA	From nearby source	By road
Caustic Lye (49%)	1 nos. each	Within plot	10 KL each	10 KL each	As per requirement	From nearby source	By road

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	--
Parking details:	**Number and area of basement:**	--
	Number and area of podia:	--
	Total Parking area:	8,063 sq.m
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	--
	Number of 4-Wheelers as approved by competent authority:	--
	Public Transport:	--
	Width of all Internal roads (m):	as per MIDC norms
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5 (f)- B
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	22-04-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP proposes Effluent Treatment Plant and Zero Liquid Discharge. PP proposes to recycle 770 KLD treated effluent and 29 CMD effluent will be discharged to the CETP
Drainage pattern of the project	PP considered contour levels while designing the drains on site
Ground water parameters	As per data submitted by PP ground water parameters are within the prescribed limits at project site.
Solid Waste Management	PP committed to dispose the hazardous waste at Common Hazardous Waste Treatment, Storage, and Disposal Facility and sale to Authorized vendors. Details are given at Sr. No. 38 of the Consolidated Statement.
Air Quality & Noise Level issues	As per data submitted by PP Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The power will be supplied by MSEDCL
Traffic circulation system and risk assessment	PP has indicated in the lay out plan that internal roads will be of six meter width along with nine meters of turning radius for smooth circulation of traffic
Landscape Plan	PP provided 33% green belt
Disaster management system and risk assessment	PP carried out HAZOP and Risk Assessment and submitted DMP
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP prepared EMP cost of Rs. 3250.00 Lakh as capital cost and Rs,. 417.00 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP granted ToR in 131st meeting of SEAC-1 held on 15 & 16th July, 2016 for manufacturing of oraganic chemcials and 10 MW Co-gen plant.

Now PP submitted the EIA report in which they are proposing 14 MW Co-gen plant. Considering the same activity for Co-gen plant, SEAC decided to allow PP to establish 14 MW Cogen plant.

PP to submit Form -II as per OM issued by MoEF&CC dated 20.04.2018.

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Aditya Environmental Services Pvt. Ltd.

History:

PP submitted their proposal for the grant of prior Environmental Clearance and was first considered in the 152nd meeting of SEAC-1 held on 13.06.2018 wherein ToR was granted to the PP.

Now, PP submitted EIA/EMP report for appraisal.

The proposal was appraised based on the documents submitted and presented by the PP and their accredited Environmental Consultant.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to recommend the proposal to the SEIAA for prior Environmental Clearance subject to the following specific EC conditions,

Specific Conditions by SEAC:

1) PP to achieve the standard parameters stipulated for Bulk Drugs and Formulation (Pharmaceuticals) sector in the Environment (Protection) Second Amendment Rule, 2021 dated 6th August 2021 published by MoEF&CC.
2) PP has agreed to recycle 770 KLD of effluent and 29 KLD to discharge to the CETP.
3) PP to implement all recommendations of HAZOP/Risk Assessment studies and include the cost of implementation in the existing EMP budget of Rs. 3185 Lakhs as operational EMP cost and Rs. 402 Lakhs of recurring EMP cost.
4) In case of on-site labour camp during construction phase, PP to provide all necessary facilities like bio toilets, fuel for cooking, safe drinking water, shelter etc. to the labourers.
5) PP to submit copies of MoU executed with the brick manufacturer for reuse/disposal of boiler ash.
6) PP to ensure to utilize entire CER fund before commissioning of the manufacturing activity in consultation with the District Collector.
7) PP to complete green belt development with the provision of drip irrigation before commissioning of the manufacturing activity.
8) PP to provide Online Continuous Monitoring System connected to the servers of CPCB/ and MPCB.
9) PP to complete rain water harvesting facility before commissioning of the manufacturing activity.
10) PP to include carbon and water foot print monitoring in the Environmental Management Plan.
11) PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Agenda of 203rd Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 203rd (Day-3) **Meeting Date** August 11, 2021

Subject: Environment Clearance for Installation of Sponge Iron Pant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron ore Beneficiation Plant.

Is a Violation Case: No

1.Name of Project	Installation of Sponge Iron Pant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron ore Beneficiation Plant.
2.Type of institution	Private
3.Name of Project Proponent	Lloyds Metals and Energy Limited
4.Name of Consultant	Pollution and Ecology Control Services
5.Type of project	Industrial Estate
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	MIDC Konsari
9.Taluka	Chamorshi
10.Village	Konsari
Correspondence Name:	Lloyds Metals and Energy Limited
Room Number:	Plot No. A-1,A-2,
Floor:	NA
Building Name:	NA
Road/Street Name:	MIDC Industrial Area, Ghugus
Locality:	Ghugus
City:	Ghugus
11.Whether in Corporation / Municipal / other area	MIDC Konsari.
12.IOD/IOA/Concession/Plan Approval Number	The land has been leased out by MIDC to M/s Lloyds Metals and Energy Limited
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 20000
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC will approve the plan
15.Total Plot Area (sq. m.)	113 Acre. 30 acre will be utilized for present proposal.
16.Deductions	as per MIDC rule
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 20000
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	1500000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sponge Iron with WHRB Shed, Beneficiation Shed	2	15

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	60 no. direct employment and 40 indirect employment
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	20 m.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 6 m.
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sponge Iron	Nil	4750	4750
2	WHRB Based Power	Nil	50 MW	50 MW
3	Iron ore beneficiation	Nil	7500	7500

32.Total Water Requirement

Dry season:	**Source of water**	MIDC
	Fresh water (CMD):	257
	Recycled water - Flushing (CMD):	2
	Recycled water - Gardening (CMD):	4
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	257
	Fire fighting - Underground water tank(CMD):	25
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	MIDC
	Fresh water (CMD):	257
	Recycled water - Flushing (CMD):	2
	Recycled water - Gardening (CMD):	4
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	257
	Fire fighting - Underground water tank(CMD):	25
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	10	10	0	2	2	0	8	8
Industrial Process	0	247	247	0	220	220	0	27	27
Gardening	0	4	4	0	4	4	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	NA
	Size and no of RWH tank(s) and Quantity:	Will be elaborated in final EIA report
	Location of the RWH tank(s):	Will be elaborated in final EIA report
	Quantity of recharge pits:	5 nos
	Size of recharge pits :	3m X 3m X 3m Depth
	Budgetary allocation (Capital cost) :	Rs.150000/-
	Budgetary allocation (O & M cost) :	Rs. 10000/- per annum
	Details of UGT tanks if any :	Under ground water tank will be provided for fire fighting as per norms
35.Storm water drainage	**Natural water drainage pattern:**	Storm water drain will be constructed around the plant area
	Quantity of storm water:	Will be elaborated in final EIA report
	Size of SWD:	Will be elaborated in final EIA report
Sewage and Waste water	**Sewage generation in KLD:**	8 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 No. Packaged type STP of 12 KLD Capacity
	Location & area of the STP:	With in the Plot Area
	Budgetary allocation (Capital cost):	Rs. 25 Lacs
	Budgetary allocation (O & M cost):	Rs. 2.0 Lacs/ Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Construction waste debris
	Disposal of the construction waste debris:	Will be utilized in making of internal road
Waste generation in the operation Phase:	**Dry waste:**	Dolachar , Tailing & Fly Ash
	Wet waste:	NA
	Hazardous waste:	Used Oil
	Biomedical waste (If applicable):	Na
	STP Sludge (Dry sludge):	Yes
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Tailing generated from Iron Ore beneficiation plant shall be sold to bricks/tiles manufacturer. Dolachar generated from sponge iron plant will be sold to power plant. Fly ash will be sold to brick manufacturers.
	Wet waste:	NA
	Hazardous waste:	Used oil will be sold to MPCB Authorized vendor.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	NA
Area requirement:	**Location(s):**	With in the plant
	Area for the storage of waste & other material:	About 2000 sq. m. will be reserved for storing slag, tail cutting and fly ash
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA

Amount of effluent generation (CMD):	27
Capacity of the ETP:	30
Amount of treated effluent recycled :	27
Amount of water send to the CETP:	Nil
Membership of CETP (if require):	NA
Note on ETP technology to be used	Thickner followed by Filter press
Disposal of the ETP sludge	Blend with the final product

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil	NA	NA	NA	NA	NA	Secondary use and sale to recycler

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Rotary Kiln	Coal , 228 TPD	1	65	2.0	50°C
2	Coal Crusher	--	1	22	--	--
3	Product House	--	1	20	--	--
4	Iron Ore Crusher	--	1	22	--	--
5	Day bin Product Junction House	--	1	22	--	--
6	Cooler Discharge	--	1	22	--	--
7	Junction House	--	1	22	--	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	Nil	228 TPD	228 TPD
41.Source of Fuel		WCL Mines and open market		
42.Mode of Transportation of fuel to site		Coal by tarpaulin covered trucks		

43.Green Belt Development	**Total RG area :**	33 % of 30 acres
	No of trees to be cut :	None
	Number of trees to be planted :	1400
	List of proposed native trees :	Ashoka, Neem, Nandruk, Palash, Gulmohar, Mango.
	Timeline for completion of plantation :	NA

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saraca Asoca	Ashoka	200	Shady tree , deciduous
2	Azardirachta indica	Neem	300	Large tree, good for roadside plantation
3	Ficus retusas	Nandruk	200	Shady green, good for roadside plantation.
4	Mangifera indica	Mango	200	Large fruit bearing tree, long-lived tree.
5	Butea monosperma	Palash	300	Medium sized deciduous tree. beautiful flowers tree
6	Delonix regia	Gulmohar	200	Deciduous, large tree with beautiful flowers
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	Electricity from State Electricity Board
	During Construction Phase: (Demand Load)	Maximum 100 KVA
	DG set as Power back-up during construction phase	Nil
	During Operation phase (Connected load):	4 MW
	During Operation phase (Demand load):	3 MW
	Transformer:	Yes
	DG set as Power back-up during operation phase:	Nil
	Fuel used:	Coal and Electricity in entire process coal is main fuel.
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

For Energy Saving Measures Solar Panel will be installed in internal road

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Rotary Kiln	None	ESP, Bagfilter

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 500000/-
	O & M cost:	Rs. 50000/-

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution Control	PM	Rs.5.0 Lacs

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	ESP, Bag filters	Rs.1000 Lacs	Rs.100 Lacs
2	Water Pollution Control	STP & ETP	Rs.25 lac and Rs.100 Lac	Rs.2 lac and Rs.10 Lac
3	Solid Waste Management	Handling and Disposing	Rs.10 lac	Rs.3 lac

4	Green Belt	Plantation	Rs.5 Lac	Rs.0.5 Lac
5	Environmental Monitoring	Air quality , Water and wastewater quality; Noise levels; Soil quality	Rs.100 Lac	Rs.5.0 Lac

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The said plot is in MIDC area. The width of front of MIDC road is 20 Mtr
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	2000 Sq. M.
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	25 to 30 trucks/day will be operated after commission of proposed unit for transportation of raw material and finished product
	Width of all Internal roads (m):	9 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA

	Category as per schedule of EIA Notification sheet	3(a)
	Court cases pending if any	No
	Other Relevant Informations	Application for TOR
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP proposes ETP for the treatment of waste water. The treated waste water will be reused for sprinkling on roads, dust separation and sprinkling on coal within the premises. No waste water will be released outside the plot.
Drainage pattern of the project	PP considered the contour levels while designing the drainage.
Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits.
Solid Waste Management	PP proposes to sale hazardous waste to the Authorized recycler and waste slag will be used for road construction after crushing.
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	PP proposes waste heat recovery based power plant.
Traffic circulation system and risk assessment	PP proposes to provide six meter wide internal roads with nine meter wide turning radius
Landscape Plan	PP proposes 33% green belt within the premises.
Disaster management system and risk assessment	PP prepared On site emergency plan to handle the emergency situations.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP prepared EMP cost of Rs. 5.00 Lakh during construction phase and 1315.00 Lakh as capital cost and Rs. 145.00 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	Not Applicable as application is for TOR

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 3(a)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

Public Hearing is applicable.

ToR was granted to the PP in 149th meeting of SEAC-1 held on 03.04.2018.

Now PP submitted EIA/EMP report for appraisal.

The Public Hearing was conducted on 20.08.2019; PP submitted copy of minutes of Public Hearing.

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Pollution & Ecology Control.

The proposal was appraised based on the documents submitted and presented by the PP and their accredited Environmental Consultant.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to recommend the proposal to SEIAA for prior Environmental Clearance subject to following specific EC conditions -

Specific Conditions by SEAC:

1) PP proposes to install waste heat recovery based power plant of capacity 4 MW at site.
2) PP to provide Zero Liquid Discharge Effluent Treatment Plant.
3) PP to ensure that, the tailings generated from iron ore beneficiation are sold to brick manufacturer/ tiles manufacturer and Dolchar generated from sponge iron plant be sold to power plant.
4) PP to carry out detailed bio diversity survey and if any schedule – I species are observed; PP to prepare wild life conservation plan and submit approved copy of the same.
5) PP proposes to provide 33.7 acre of green belt within the premises. PP to complete green belt development with the provision of drip irrigation before commissioning of the manufacturing activity
6) PP to ensure to utilize entire CER fund before commissioning of the manufacturing activity in consultation with the District Collector.
7) PP to complete rain water harvesting facility before commissioning of the manufacturing activity.
8) PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.
9) PP to submit copies of MoU executed with the cement plants/ brick manufacturers to reuse/dispose fly ash generated at site.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Agenda of 203rd Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 203rd (Day-3) **Meeting Date** August 11, 2021

Subject: Environment Clearance for Environmental Clearance (EC) for proposed Food Colours, Lake Colours and Sulphanilic Acid Manufacturing unit - Application for Grant of EC

Is a Violation Case: No

1.Name of Project	M/s. Arjun Food Colorants Manufacturing Private Limited
2.Type of institution	Private
3.Name of Project Proponent	Mr. Bipin M. Manek (Chairman & Managing Director)
4.Name of Consultant	Equinox Environments (India) Private Limited
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Food Colours, Lake Colours and Sulphanilic Acid Manufacturing unit by M/s. Arjun Food Colorants Manufacturing Private Limited (New Project)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot No. 22/1-B, MIDC Industrial Area, P.O. Dhatav, Taluka: Roha, District: Raigad, State: Maharashtra
9.Taluka	Roha
10.Village	Dhatav
Correspondence Name:	M/s. Arjun Food Colorants Manufacturing Private Limited
Room Number:	Plot No. 22/1-B
Floor:	NA
Building Name:	NA
Road/Street Name:	MIDC Dhatav
Locality:	Dhatav, Roha
City:	Roha
11.Whether in Corporation / Municipal / other area	NA
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 9142
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	17990 m2
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.): 9142
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 01-02-2018
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	85000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	NA
24.Number of expected residents / users	NA
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	A. Food Colours - 1. Ponceau 4R, 2. Sunset Yellow FCF 3. Tartrazine 4. Chocolate Brown HT 5. Quinoline Yellow WS 6. Allura Red, 7. Solvent Green 7 (Green 8), 8. Pigment Red 57 (Red 6), 9. Red 7, 10. Solvent Red 43 (Red 21), 11. Acid Phloxine B (Red 27), 12. Acid Red 92 (Red 28), 13. Acid Red 33 (Red 33), 14. Acid Violet 49 (Violet 2), 15. C.I.Solvent Yellow 172 (Yellow 172)	0.0	250	250

2	B. Lake Colours - 1. Ponceau 4R Aluminium, 2. Sunset Yellow Aluminium , 3. Tartrazine Aluminium, 4. Pigment Red 57 (Red 6 Barium Lake), 5. Red 7 calcium Lake, 6. Acid Phloxine B (Red 27 Aluminium) , 7. Acid Red 92 (Red 28 Aluminium), 8. Acid Red 33 (Red 33 Aluminium) , 9. Yellow 6 Aluminium	0.0	65	65
3	C. Sulphanilic Acid	0.0	180	180

32.Total Water Requirement

Dry season:	**Source of water**	MIDC Water Supply Scheme
	Fresh water (CMD):	229
	Recycled water - Flushing (CMD):	150 - In Process (Not For Flushing)
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	379
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Wet season:	**Source of water**	MIDC Water Supply Scheme
	Fresh water (CMD):	229
	Recycled water - Flushing (CMD):	150 - In Process (Not For Flushing)
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	379
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA

Details of Swimming pool (If any)	NA

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0.0	10	10	0.0	2	2	0.0	8	8
Industrial Process	0.0	229	229	0.0	15	15	0.0	174	174
Cooling tower & thermopack	0.0	125	125	0.0	120	120	0.0	5	5
Gardening	0.0	15	15	0.0	0.0	0.0	0.0	15	15

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	NA
	Size and no of RWH tank(s) and Quantity:	Total Rain Water Harvesting Quantity (Roof Top Area) - 8467.20 m3
	Location of the RWH tank(s):	Refer Plot Layout Plan for Location of the RWH Tank (Appendix - A in EIA Report)
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	NA
	Quantity of storm water:	NA
	Size of SWD:	NA

Sewage and Waste water	**Sewage generation in KLD:**	8
	STP technology:	Domestic Effluent would be treated in proposed Sewage Treatment Plant (STP)
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	Solid Waste generated in the Pre Construction & Construction phase would be disposed time to time to authorized Party wherever Applicable
Waste generation in the operation Phase:	**Dry waste:**	Boiler Ash
	Wet waste:	NA
	Hazardous waste:	Process Residues and wastes, Chemical sludge from waste water treatment, Discarded Drums/Containers
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	Under proposed unit boiler ash to the tune of 2.6 MT/Day would be generated. The ash would be forwarded to brick manufacturers for secondary use. An agreement will be executed with brick manufactures for utilization of the ash.
	Wet waste:	NA
	Hazardous waste:	Hazardous Waste Would be forwarded to CHWTSDF / sale to Authorized Reprocessor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	Plot No. 22/1-B, MIDC Industrial Area, P.O. Dhatav, Taluka: Roha, District: Raigad, State: Maharashtra
	Area for the storage of waste & other material:	Refer Plot Layout Plan (Appendix - A in EIA Report)
	Area for machinery:	Refer Plot Layout Plan (Appendix - A in EIA Report)
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	6-7	7-8	5.5-9.0

2	COD	mg/lit	9200	< 150	250
3	BOD	mg/lit	1850	< 80	30
4	TDS	mg/lit	125000	< 2100	2100
5	SS	mg/lit	760	< 100	--

Amount of effluent generation (CMD):	187
Capacity of the ETP:	300
Amount of treated effluent recycled :	150
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	Industrial effluents generated from proposed activities would be segregated in two different streams; viz. Stream - I (High COD, High TDS) and Stream - II (Low COD, Low TDS). The Stream-I effluent would be treated in proposed ETP comprising of - Equalization Tank, Feed Tank, Neutralization Tank, Primary Settling Tank, Holding Tank, Multiple Effect Evaporator, Condensate Polishing Unit (CPU). The condensate from MEE shall be treated in CPU. The condensate from the CPU would be recycled thereby a
Disposal of the ETP sludge	ETP sludge from would be forwarded to Common Hazardous Waste Treatment Storage and Disposal Facility (CHWTSDF)

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Process Residues and wastes	26.1	MT/M	0.0	2	2	Forwarded to CHWTSDF
2	Chemical sludge from waste water treatment	35.3	MT/M	0.0	150	150	Forwarded to CHWTSDF
3	Discarded Drums/Containers	33.1	No./M	0.0	2200	2200	Sale to Authorized Reprocessor

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler (4 TPH)	Imported Coal (15 MT/Day)	1	30	0.4	--
2	Thermic Fluid Heater (10 lakh Kcal/hr)	Imported Coal (6 MT/Day)	1	30	0.35	--
3	Thermic Fluid Heater (4 lakh Kcal/hr)	Imported Coal (2.5 MT/Day)	1	30	0.25	--
4	DG Set (500 KVA)	HSD (100 lit/Hr)	1	5 (ARL)	--	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	NA	NA	NA

41.Source of Fuel	From local Vendors
42.Mode of Transportation of fuel to site	Through Trucks by road

43.Green Belt Development	**Total RG area :**	2919.84 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	500
	List of proposed native trees :	No fruit bearing trees to be planted in the green belt or horticulture undertaken to avoid possible harmful chemical contamination and bioaccumulation. Indigenous evergreen, semi evergreen tree species with broad leaves are to be selected for environmental pollution control purpose and not for beautification purpose. Monoculture to be avoided by planting suitable mixed tree species in the green belt.
	Timeline for completion of plantation :	3 years

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	No fruit bearing trees to be planted in the green belt or horticulture undertaken to avoid possible harmful chemical contamination and bioaccumulation. Indigenous evergreen, semi evergreen tree species with broad leaves are to be selected for environmental pollution control purpose and not for beautification purpose. Monoculture to be avoided by planting suitable mixed tree species in the green belt.	No fruit bearing trees to be planted in the green belt or horticulture undertaken to avoid possible harmful chemical contamination and bioaccumulation. Indigenous evergreen, semi evergreen tree species with broad leaves are to be selected for environmental pollution control purpose and not for beautification purpose. Monoculture to be avoided by planting suitable mixed tree species in the green belt.	500	NA
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Board (MSEB)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	1 MW
	During Operation phase (Demand load):	1 MW
	Transformer:	NA
	DG set as Power back-up during operation phase:	500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution Control	NA	APC Equipment in the form of Pulse Jet type Bag Filter, Stacks, Scrubber
Water Pollution Control	NA	ETP comprising of MEE, CPU, STP & allied Infrastructure
Noise Pollution Control	NA	Noise level Management
Environmental Management Plan and Monitoring	NA	Environmental Management Plan and Monitoring
Green Belt Development	NA	Green Belt Development

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	APC Equipment in the form of Pulse Jet type Bag Filter, Stacks, Scrubber	50	10
2	Water Pollution Control	ETP comprising of MEE, CPU, STP & allied Infrastructure	150	25
3	Noise Pollution Control	Noise level Management	2	0.75
4	Environmental Management Plan and Monitoring	Environmental Management Plan and Monitoring	20	10
5	Green Belt Development	Green Belt Development	5	2
6	CSR Activities for next Five years	CSR Activities for next Five years	42	--

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Category "B" of item 5(f) of the schedule to the EIA Notofication, 2006
	Court cases pending if any	NA
	Other Relevant Informations	As per the provisions of "EIA Notification No. S.O. 1533 (E)" dated 14.09.2006, amended on 25.06.2014; the project comes under Category "B" of item 5(f) of the schedule to the EIA Notification, 2006 and is appraised by SEAC / SEIAA at the State level. The project site of AFCMPL (Latitude - 18025'36.09"N & Longitude - 73009'04.12"E) is located at a distance of 0.8 km from the proposed ESA village Dhatav (Latitude -18025'2.61"N & Longitude - 73009'40.00"E). Accordingly, in light of applicability of General Conditions, since village Dhatav wherein the Dhatav MIDC is set up have appeared in the list of ESA village of Western Ghats (Ecological Sensitive Area village) Draft Notification dated 10.03.2014, 04.09.2015 and 27.02.2017; the category of the project changed from 'Category - B' to 'Category - A'. Hence, the project was appraised at central level by Expert Appraisal Committee (EAC) and ToRs have been granted. The EIA report has been prepared by incorporating required information with regards to the project as mentioned in the Terms of Reference (ToRs) issued by MoEFCC vide letter F.No. J-11011/216/2017-IA II (I) dated 1St February 2018 to AFCMPL in the 32nd Expert Appraisal Committee (EAC) meeting held on 21st December 2017. But, in light of Office Memorandum issued by MoEFCC, New Delhi vide letter No. F.No.IA-J-11011/579/2017-IA-II (I) dated 04.02.2019, the project is now appraised at SEAC / SEIAA as Category B project.

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-03-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not ApplicablePP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to timeAs per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits at site.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP has obtained permission from CETP to discharge their effluent.
Drainage pattern of the project	PP considered contour levels during design of storm water drains.
Ground water parameters	As per data submitted by PP ground water parameters are within the prescribed limits.
Solid Waste Management	PP committed to dispose the hazardous waste at Common Hazardous Waste Treatment, Storage, and Disposal Facility and sale to Authorized vendors. Details are given at Sr. No. 38 of the Consolidated Statement.
Air Quality & Noise Level issues	As per data submitted by PP Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The power will be supplied by MSEDCL
Traffic circulation system and risk assessment	PP proposes internal roads with minimum six meter width and nine meters of turning radius for smooth circulation of traffic.
Landscape Plan	PP proposes to provide 33% green belt
Disaster management system and risk assessment	PP carried out HAZOP and Risk Assessment and submitted DMP.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes Rs. 1285.00Lakhs as capital cost and Rs. 136.50 Lakhs as recurring EMP cost for the maintenance of environmental parameters during operation phase.
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

The Environment Department, Govt. of Maharashtra has received clarification from MoEF&CC vide letter dated 04.02.2019 which reads as below,

"Dhatav village has been identified as a part of eco-sensitive area as per the Ministry's draft Notification S.O. No. 2435 dated 04.09.2015. However, since the notification is still in the draft stage, proposals pertaining to Dhatav were not accepted in the Ministry and were advised to be taken up by the concerned SEAC/SEIAA. Now it has been informed that, the concerned Authorities in the State of Maharashtra are also not accepting the proposals on the grounds that there are no clear directions from the Ministry on the subject.

In view of above, it is clarified that, such proposals be considered for environmental clearance as per the provisions of the EIA Notification, 2006, which clearly provides for applicability of General Conditions in respect of eco-sensitive areas notified under sub-section (2) of Section 3 of the Environment (Protection) Act, 1986."

SEIAA also accorded approval vide file No SEAC-2019/CR-12/SEAC-1 to consider the proposal from Dhatav area under category B as clarified by the MoEF&CC vide above communication.

In view of above, SEAC-1 decided to consider the proposals from Dhatav area for prior Environmental Clearance.

The proposal was earlier considered in the 165th meeting of SEAC-1 held on 06.05.2019 wherein PP remained absent. The proposal was again considered in the 168th B meeting held on 18.09.2019 wherein the proposal was deferred due to inconsistent information presented by the PP.

Now PP submitted revised information.

Draft Terms of Reference (TOR) have been discussed and finalized during the meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006

The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

The Environment Department. Govt. of Maharashtra had received clarification from MoEF&CC vide letter dated 04.02.2019 which reads as below,

"..Dhatav village has been identified as a part of eco-sensitive area as per the Ministry's draft Notification S. O. No. 2435 dated 04.09.2015. However, since the notification is still in the draft stage, proposals pertaining to Dhatav were not accepted in the Ministry and were advised to be taken up by the concerned SEAC/SEIAA. Now, it has been informed that, the concern Authorities in the State of Maharashtra are also not accepting the proposals on the grounds that there are no clear directions from the Ministry on the Subject.

In view of above, it is clarified that, such proposals be considered for Environmental Clearance as per the provisions of the EIA Notification, 2006, which clearly provides grounds for applicability of General Conditions in respect of eco-sensitive area notified under sub-section (2) of Section 3 of the Environment (Protection) Act, 1986."

The SEIAA, Maharashtra also accorded approval vide file No. SEAC-2019/CR-12/SEAC-1 to consider the proposals from Dhatav area under category B as clarified by the MoEF&CC vide above communication.

In view of above, SEAC-1 decided to consider the proposal from Dhatav area for prior Environmental Clearance.

The proposal was earlier considered in the 165th meeting of SEAC-1 held on 06.05.2019 wherein PP remained absent. The proposal was again considered in the 168th B meeting of SEAC-1 held on 18.09.2019 wherein the proposal was deferred for submission of uniform information in the documents.

The proposal then considered in the 189th meeting of SEAC-1 held on 06.08.2020 wherein ToR was granted to the PP

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to recommend the proposal to the SEIAA for prior Environmental Clearance subject to the following specific EC conditions -

Specific Conditions by SEAC:

1) PP to submit notarized affidavit for not violating any requirements of EIA Notification, 2006 as amended from time to time.
2) PP has obtained permission from the CETP to discharge 107 KLD effluent to the CETP.
3) PP to implement all recommendations of HAZOP/Risk Assessment studies and include the cost of implementation in the existing EMP budget in addition to the existing EMP budget.
4) PP to scrub all carbon dioxide gas generated from the processes in Sodium Hydroxide solution and reuse the same in Diazotization reaction.
5) PP to prepare yearly plan for reduction in potential with respect to the global warming, stratospheric ozone depletion, eutrophication, Acidification etc. as identified in the Life Cycle analysis along with appropriate budgetary provision in the EMP in addition ot existing capital EMP of Rs. 1285 Lakhs and recurring EMP cost of Rs.136.5 Lakhs.
6) PP to ensure to utilize entire CER fund before commissioning of the manufacturing activity in consultation with the District Collector.
7) PP to complete green belt development with the provision of drip irrigation before commissioning of the manufacturing activity.
8) PP to provide Online Continuous Monitoring System connected to the servers of CPCB/ and MPCB.
9) PP to complete rain water harvesting facility before commissioning of the manufacturing activity.
10) PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Agenda of 203rd Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 203rd (Day-3) **Meeting Date** August 11, 2021

Subject: Environment Clearance for Installation of Induction Furnace to manufacture Billets 4,60, 000 TPA Rolling Mill for hot rolled TMT Bar 4,50,000 TPA by M/s Saptshrungi Alloys Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	Installation of Induction Furnace to manufacture Billets 4,60, 000 TPA Rolling Mill for hot rolled TMT Bar 4,50,000 TPA by M/s Saptshrungi Alloys Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Purshottam Toshniwal
4.Name of Consultant	Pollution and Ecology Control Services, Nagpur.
5.Type of project	Not Applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Gut No 51 & 52 Village-Daregaon, District- Jalna, Maharashtra
9.Taluka	Jalna
10.Village	Daregaon
Correspondence Name:	Mr. Purshottam Toshniwal
Room Number:	-
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Daregaon, Jalna
City:	Jalna
11.Whether in Corporation / Municipal / other area	Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 8000
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	25 acres
16.Deductions	Not applicable
17.Net Plot area	25 acres
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 00
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 01-05-2019
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	3000000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Not Applicable
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	M.S Billtes	00	38333.33	38333.33
2	TMT bar	00	37500	37500

32.Total Water Requirement

Dry season:	**Source of water**	Own Water Lake
	Fresh water (CMD):	200
	Recycled water - Flushing (CMD):	10
	Recycled water - Gardening (CMD):	18
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	230
	Fire fighting - Underground water tank(CMD):	--
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Own Water Lake
	Fresh water (CMD):	200
	Recycled water - Flushing (CMD):	10
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	210
	Fire fighting - Underground water tank(CMD):	--
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Industrial Process	00	200	200	Nil	140	140	Nil	60	60
Domestic	00	12	12	Nil	2.4	2.4	Nil	9.6	9.6
Gardening	00	18	18	Nil	18	18	Nil	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Will be elaborate in EIA report
	Size and no of RWH tank(s) and Quantity:	Will be elaborate in EIA report
	Location of the RWH tank(s):	Within plant premises
	Quantity of recharge pits:	Will be elaborate in EIA report
	Size of recharge pits :	Will be elaborate in EIA report
	Budgetary allocation (Capital cost) :	Will be elaborate in EIA report
	Budgetary allocation (O & M cost) :	Will be elaborate in EIA report
	Details of UGT tanks if any :	Will be elaborate in EIA report
35.Storm water drainage	**Natural water drainage pattern:**	NA, However the storm water during rainy season will be systematically channelized to garland drains proposed along the plant boundary
	Quantity of storm water:	NA
	Size of SWD:	Will be elaborate in EIA report
Sewage and Waste water	**Sewage generation in KLD:**	Wastewater will be generated from the process i.e. 60 KLD shall be reused in process after treatment, Domestic waste will be 9.6 KLD
	STP technology:	Packaged Type
	Capacity of STP (CMD):	1 no. STP 15 KLD and Settling tank capacity of 80 KLD.
	Location & area of the STP:	Within plant premises
	Budgetary allocation (Capital cost):	Rs. 40 Lacs
	Budgetary allocation (O & M cost):	Rs.3.0 Lacs/Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	No waste will be generated form proposed project.
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	Slag
	Wet waste:	Nil
	Hazardous waste:	Used oil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	0.48 KLD
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Slag will be used for Hardening of working area, internal road, brickmanufacturers, Concreting.
	Wet waste:	NA
	Hazardous waste:	will be sold out to the CPCB authorized recycler
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	NA
Area requirement:	**Location(s):**	Within in plant premises
	Area for the storage of waste & other material:	3000 sq.m. with in plant premises.
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not Applicable	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil	5.1	Liter	NA	--	--	will be sold out to the CPCB authorized recycler

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Induction Furnace	Electricity	1	30	1.5	50 Degree Centigrade

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Electricity	00	40 MW	40 MW
41.Source of Fuel		Electricity source is State Electricity Board.		
42.Mode of Transportation of fuel to site		Power Grid		

43.Green Belt Development	**Total RG area :**	33 % of total plot area
	No of trees to be cut :	None
	Number of trees to be planted :	5000 trees to be planted
	List of proposed native trees :	Ashoka, Karanj, Mango, Guava, Neem, Gulmohar, Shisam.
	Timeline for completion of plantation :	Alongwith the operation

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saraca asoca	Ashoka	800	Deciduous
2	Millettia pinnata	Karanj	500	Semi-Deciduous
3	Mangifera indica	Mango	800	Semi-Deciduous
4	Psidium guajava	Guava	800	Semi-Deciduous
5	Azadirachta indica	Neem	800	Deciduous
6	Delonix regia	Gulmohar	500	Deciduous
7	Dalbergia latifolia	Shisam	800	Large, Dense , Evergreen
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Not Applicable	Not Applicable	Not Applicable

47.Energy

Power requirement:	**Source of power supply :**	State Electricity Board
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	150 KVA
	During Operation phase (Connected load):	40 MW
	During Operation phase (Demand load):	35 MW
	Transformer:	Yes
	DG set as Power back-up during operation phase:	Not required
	Fuel used:	In entire process electricity is main fuel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Induction Furnace and Rolling mill	NA	Bag Filters

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution Control	Particulate mater	1.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution control	Bag filters	25.00	3.00
2	Water Pollution Control	STP, Drains & Settling tanks, etc)	25.00 and 10.00	2.00 and 1.00
3	Solid Waste Management	Handling and Disposing	10.00	3.00
4	Green Belt	Plantation	5.00	0.50
5	Environmental Monitoring	Air quality , Water and wastewater quality; Noise levels; Soil quality	--	5.00

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The width of road is 15 Mtr
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	Total parking area :12140 Sq.m
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	Public transport – 45 to 50 trucks/day will be operated after commission of proposed unit for transportation of raw material and finished product .
	Width of all Internal roads (m):	9-12 m.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	3(a)
	Court cases pending if any	None
	Other Relevant Informations	Application for Terms of Reference (ToR)
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable

Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 3(a)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

PP to collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017.

The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

PP to carry out Public Consultation as per procedure stipulated in the EIA Notification, 2006 and submit point wise compliance of the issues raised during Public Consultation.

Draft Terms of Reference (TOR) have been discussed and finalized during the meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

PP submitted application for prior Environmental Clearance. The proposal was earlier considered in the 167th meeting of SEAC-1 held on 10.07.2019 wherein ToR was granted to the PP.

Now PP submitted EIA/EMP report for appraisal.

The Public Hearing was conducted in February 2020; PP submitted copy of minutes of Public Hearing.

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Pollution & Ecology Control.

The proposal was appraised based on the documents submitted and presented by the PP and their accredited Environmental Consultant.

PP proposes to manufacture Billets 4,60,000 TPA , Rolling Mill for hot rolled TMT Bar 4,50,000 TPA.

DECISION OF SEAC

During deliberations, it was informed to the committee that, a complaint is received by the Environment and Climate Change Department, Maharashtra regarding the project, wherein it is requested not to grant prior Environmental Clearance to the proposed project on the grounds that, PP has started construction activity on site without obtaining prior Environmental Clearance and the project may generate air pollution in the area which may cause health issue to the nearby habitations.

In view of above complaint and deliberations with the PP and their accredited consultant, SEAC-1 asked PP to submit their clarification in this regard and decided to defer the proposal till PP submits clarification on the same.

Specific Conditions by SEAC:

1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
2) PP to submit copy of NA permission for industrial use to be obtained from District Collector.
3) PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
4) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.
5) PP to carry out QRA and submit disaster management plan.
6) to include details of generation and disposal of hazardous waste including byproducts as per Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016 in the EIA report.
7) PP to include details of slag storage & disposal plan in the EIA report.
8) PP to explore possibility to carry out scrap processing on other plot so as to provide adequate space for handling & management of scrap.
9) PP to conduct heat integration study and explore possibility to reuse waste heat.
10) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly. PP to provide lightening arrestor.
11) PP to include water and carbon foot print monitoring in the EMP.

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.