

143rd Meeting of SEAC-1

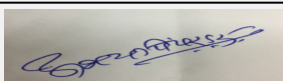
SEAC Meeting number: 143 Meeting Date October 11, 2017

Subject: Environment Clearance for Proposed Expansion in Common Bio-Medical Waste Treatment and Disposal facility at Survey No. 58/3, Adharwadi Jail Road, Umberde Gaon, Kalyan (West), Maharashtra-421301

1.Name of Project	Proposed Expansion in Common Bio-Medical Waste Treatment and Disposal facility at Survey No. 58/3, Adharwadi Jail Road, Umberde Gaon, Kalyan (West), Maharashtra-421301
2.Type of institution	Government
3.Name of Project Proponent	Kalyan Dombivali Municipal Corporation
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd. (107, Hiren Light Industrial Estate, Mougul Lane, Mahim, Mumbai - 400 016)
5.Type of project	Others (Common Bio-Medical Waste Treatment and Disposal facility)
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	NA
8.Location of the project	Survey No. 58/3, Adharwadi Jail Road
9.Taluka	Kalyan
10.Village	Umberde Gaon
Correspondence Name:	Deputy Engineer, Kalyan Dombivali Municipal Corporation
Room Number:	NA
Floor:	NA
Building Name:	Kalyan Dombivali Municipal Corporation
Road/Street Name:	Survey no. 58/3, Adharwadi Jail Road
Locality:	Umberde Gaon, Kalyan (W)
City:	Kalyan, Thane-421301
11.Area of the project	Kalyan Dombivali Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: Planning authority KDMC as per MRTP act 1966 Approved Built-up Area: 502
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.)	4200
16.Deductions	NA
17.Net Plot area	4200
18.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.): 502
19.Total ground coverage (m2)	728
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18
21.Estimated cost of the project	27400000

22.Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Shed for Incinerator, Autoclave shredder building	0	5.5



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2	Autoclave waste storage area	0	3.0	
3	Incinerate waste storage area	0	3	
4	Treated waste storage area	0	3	
23.Number of tenants and shops		NA		
24.Number of expected residents / users		Only operational staff (Total 25 Personnel)		
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))		5		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		5		
29.Existing structure (s) if any		Existing Bio Medical Waste management facility		
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	Incinerator	100 kg/hr	100 kg/hr	200 kg/hr
2	Autoclave	50 lit/cycle	50 lit/cycle	100 lit/cycle
3	Shredder	50 kg/hr	50 kg/hr	100 kg/hr
32.Total Water Requirement				

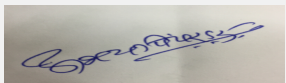

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Dry season:	Source of water	Ground water through open well							
	Fresh water (CMD):	13.8 m3/day							
	Recycled water - Flushing (CMD):	6.2 m3/day (Flushing+Washing)							
	Recycled water - Gardening (CMD):	7 m3/day							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	20 m3/day							
	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	Ground water through open well							
	Fresh water (CMD):	13.8 m3/day							
	Recycled water - Flushing (CMD):	6.2 m3/day (Flushing+Washing)							
	Recycled water - Gardening (CMD):	7 m3/day							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	20 m3/day							
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	1	1	2	0.2	0.2	0.4	0.8	0.8	1.6
Industrial Process	9	9	18	3.2	3.2	6.4	5.8	5.8	11.6



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5.5
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	1
	Size of recharge pits :	1.44
	Budgetary allocation (Capital cost) :	Rs. 60000
	Budgetary allocation (O & M cost) :	Rs. 5000/Annum
	Details of UGT tanks if any :	3 UGT tanks- Total area 27 m2
35.Storm water drainage	Natural water drainage pattern:	As per gravity
	Quantity of storm water:	1900 mm
	Size of SWD:	50 m2
Sewage and Waste water	Sewage generation in KLD:	1.6 KLD
	STP technology:	NA. Entire waste water generated will be collected and treated in the existing Effluent Treatment Plant
	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:	NA
Waste generation in the operation Phase:	Dry waste:	Proposed facility is for treatment & disposal of Bio-medical waste
	Wet waste:	Proposed facility is for treatment & disposal of Bio-medical waste
	Hazardous waste:	Used Oil 200 lit/year, Incineration Ash 1000 kg/month and ETP sludge 100 kg/day
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA


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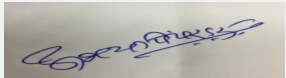
Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	Used oil will be re-used as lubricants in the machineries within the premises only, Incineration Ash and ETP sludge will be Collection, storage, transportation and sent to TSDF site.
	Biomedical waste (If applicable):	Proposed facility is for treatment & disposal of Bio-medical waste
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Survey no. 58/3, Adharwadi Jail Road, Umberde Gaon, Kalyan (West), Maharashtra - 421301
	Area for the storage of waste & other material:	49.89 sq. m.
	Area for machinery:	167.13 sq. m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 2.74 Crore
	O & M cost:	Rs 5 lacs/Annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	NA	6.5-8.5	6.5-8.5	6.5-8.5
2	BOD	mg/l	80	<30	100
3	COD	mg/l	150	<100	250
4	Suspended Solids	mg/l	200	<100	100
5	Oil & Grease	mg/l	10	0	20
Amount of effluent generation (CMD):		13.2			
Capacity of the ETP:		13.5			
Amount of treated effluent recycled :		6.2			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		It is physiochemical treatment with extended aeration and biological treatment with pressure sand filter and activated carbon filter as tertiary treatment.			
Disposal of the ETP sludge		Collection, storage, transportation and sent to TSDF site.			


38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used oil	5.1	lit/year	100	100	200	It will be re-used as lubricants in the machineries within the premises only
2	Incineration Ash	BMW Cat. 9	kg/month	500	500	1000	Collection, storage, transportation and sent to TSDF site.
3	ETP Sludge	34.4	kg/day	50	50	100	Collection, storage, transportation and sent to TSDF site.


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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	Incinerator (Existing)	LDO	1	30	0.8	313 K
2	DG set Stack (Existing)	diesel	1	3	0.1	350 K
3	Incinerator (Proposed)	LDO	1	30	0.8	315 K
4	DG set Stack (Proposed)	diesel	1	3	0.1	350 K

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	LDO/Diesel	16.5 Lit/hr	16.5 Lit/hr	33 Lit/hr
41.Source of Fuel		Near by petrol pump		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	Total RG area :	1665.21 m ²
	No of trees to be cut :	NA
	Number of trees to be planted :	350
	List of proposed native trees :	Actinodaphne angustifolia, Adina cordifolia, Ailanthus excels, Albizia lebbeck, Alstonia scholaris, Anthocephalus chinensis, Aphanamixis polystachya, Bauhinia semla, Bauhinia varcgatea, Buchanania lanzan, Butea monosperma, Dalbergia latifolia, Dalbergia sisoo, Diospyros melanoxylon, Dryptes roxburghii, Garcinia indica Chois, Lagerstroemia parviflora Roxb, Lagerstroemia speciosa (Linn), Millingtonia hortensis L.f., Mimusops elengi Linn, Phyllanthus acidus (L), Salix tetrasperma Roxb., Samanea sama
	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	30	Dust Controller, Gas Absorbent, Noise Controller
2	Delonix regia	Gulmmohar	50	Dust Controller, Gas Absorbent
3	Polyalthia longifolia	Asopalav	148	Evergreen, Dust Controller, Gas Absorbent
4	Ficus benghalensis L	Vad	2	Evergreen, Dust Controller, Gas Absorbent
5	Mangifera indica L	Amli	35	Dust Controller, Gas Absorbent, Noise Controller
6	Derris indica (Lam.) Bennet	Karanj	35	Dust Controller, Gas Absorbent
7	Cassia siamea Lam	Kasid	50	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	NA	NA	NA

47.Energy

Power requirement:	Source of power supply :	Maharashtra State Electricity Board (MSEB)
	During Construction Phase: (Demand Load)	50 KVA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	200 KW
	During Operation phase (Demand load):	200 KW
	Transformer:	NA
	DG set as Power back-up during operation phase:	Existing DG Set of 150 KVA and Proposed D.G Sets of 62.5 KVA
	Fuel used:	Total 33 lit/hr LDO or Diesel
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:

Reduction in usage of traditional light bulbs with Light Emitted Diode (LEDs) means reduction in usage energy consumption. Usage of Solar energy at different locations in the plant like parking light, roadside light etc. will be explored.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of Light Emitted Diode (LEDs)	20
2	Usage of Solar energy at different locations will be explored	5

50.Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Effluent for process, washing and domestic	ETP	Modification of existing ETP
Air pollution from Incinerator	Scrubber	Scrubber
Noise	Acoustic enclosure	Acoustic enclosure



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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25000
	O & M cost:	1500

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	EMP	Air and noise	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	ETP	Waste water management System	30	2.5
2	Scrubber	Air pollution control measures	10.5	0.7
3	Landscape	Green belt development	1.75	0.3
4	Solid waste management	Solid waste management	1.5	0.75
5	Noise pollution control measures	Noise pollution control measures	1.25	0.75

51.Storage of chemicals (inflammable/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
Diesel and LDO	Liq. Fuel	Fuel storage	2	3	13.2	Nearest Petrol pump	By road

52.Any Other Information

No Information Available


53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1 Junction
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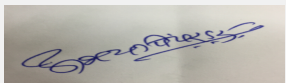
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	NA
	Total Parking area:	226.24
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	4
	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	7(d) Common hazardous waste treatment, storage and disposal facilities (TSDFs)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	29-06-2016

Brief information of the project by SEAC

PP submitted their proposal of ToR to EAC of MoEF&CC and SEAC-1; SEAC-1 granted TOR with additional points in their 131st meeting held on 15-16 July, 2017.

Now PP submitted EIA/EMP report for appraisal.

DECISION OF SEAC


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Based on the presentation made by PP; SEAC - 1 observed that, PP neither submitted adequate compliance of points raised by EAC and SEAC nor the EIA/EMP report as per requirement.

During deliberations it was also observed that, responsible officer from KDMC was not present for the meeting to present the proposal properly.

SEAC-1 decided to defer the proposal till PP submits revised compliance of points raised by EAC-MoEF&CC in their 148th meeting and SEAC-1 in their 131st meeting held on 19-21 May 2015 and 15-16 July, 2016 respectively along with submission of revised EIA/EMP report.

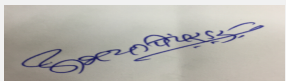
PP to ensure presence of senior and responsible officer not below the rank of Additional Commissioner to represent the proposal.

Specific Conditions by SEAC:

- 1) PP to submit layout plan showing entry and exit gates, 33% green belt, internal road width of six meters and turning radius of nine meters, parking areas, pollution control facilities.
- 2) PP to ensure that no tree cutting is permitted for proposed development and submit an undertaking in this regard.
- 3) The MoU made with operating agency doesn't reveal the responsibility of Kalyan Dombivali Municipal Corporation; PP to form Environment Cell and define the roles and responsibility of the team members with respect to the compliance of environment related issues.
- 4) PP to submit their plan for awareness/training/sensitization of hospitals in their jurisdiction so as to ensure compliance of the Bio Medical Waste(Management & Handling) Rules.
- 5) PP to submit an undertaking to meet the parameters stipulated by MoEF &CC at the outlet of Incineration stack.
- 6) In the EIA report the air pollution parameters of PM10 and PM2.5 are exceeding the prescribed limits but PP has not explained the reasons and mitigation measures to bring them under prescribed limit. PP to revise the EIA report.
- 7) PP to collect samples from the open well exists on the site and submit analysis report' PP to obtain permission from competent authority to use open well water.
- 8) PP to submit point wise and relevant compliance of points raised during Public Consultation.


FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days


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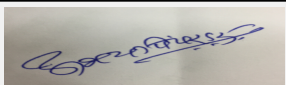
SEAC Meeting number: 143 Meeting Date October 11, 2017

Subject: Environment Clearance for Proposed Expansion of Synthetic Organic Chemicals Manufacturing Facility at Plot No.: A-20 & D-30/2, MIDC Lote Parshuram, Tehsil: Khed, District: Ratnagiri by Vinati Organics Ltd.

1.Name of Project	Proposed Expansion of Synthetic Organic Chemicals Manufacturing Facility at Plot No.: A-20 & D-30/2, MIDC Lote Parshuram, Tehsil: Khed, District: Ratnagiri by Vinati Organics Ltd
2.Type of institution	Private
3.Name of Project Proponent	Vinati Organics Ltd
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Environment clearance of existing facility: EC letter No. SEAC-2015/CR-236/TC-2 dated 28th June 2016
8.Location of the project	Plot No. A-20 & D-30/2, MIDC Lote- Parshuram
9.Taluka	Khed
10.Village	Lote
11.Area of the project	MIDC Lote Parshuram
12.IOD/IOA/Concession/Plan Approval Number	MIDC plan approval IOD/IOA/Concession/Plan Approval Number: MIDC Plan approval Approved Built-up Area: 59889
13.Note on the initiated work (If applicable)	Not applicable.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC plan approval
15.Total Plot Area (sq. m.)	96,570
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.): 59889
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	1650000000


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)			


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27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Minimum 6 m width road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9 m
29.Existing structure (s) if any	Existing structures: Production plant, Co-generation plant, Raw material storage, Warehouse, Storage tanks, ETP plant, Cooling tower, Boiler, Thermic fluid heater, DG set, Hazardous waste storage area
30.Details of the demolition with disposal (If applicable)	Minor quantity of demolition waste shall be generate.


31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Butyl Phenols	0	3250	3250
2	AAMPS (ATBS)	2750	0	2750
3	50 % solution of Na AAMPS(Na-ATBS)	2000	0	2000
4	Isobutylene	4000	0	4000
5	Di acetone acryl amide (DAAM)	83	0	83
6	High Purity MTBE	1000	0	1000
7	Tertiary Butanol	833	0	0 (product will be discontinue in proposed project)
8	Tertiary Octyl acryl amide (TOA)	83	0	83
9	P tertiary butyl toluene (PTBT)	417	0	417
10	p-tert Butyl Benzoic acid or Methyl Ester	500	0	500
11	Co-Generation (Steam + Power)	8 MW	--	8 MW
12	Aluminum Sulphate solution (By product)	0	1333	1333
13	N Tertiary butyl acryl amide (TBA) (By product)	176	0	176
14	Tertiary Butyl amine (TBA) (By product)	134	0	134
15	Sodium polyacrylate (By product)	272	0	272
16	Polymer powder (VIN CAP) (By product)	551.5	0	551.5
17	Calcium sulphate (By product)	591	0	591


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18	Polymer powder (VIN SAP) (By product)	800	0	800
19	Sodium sulphate (By product)	726	0	726
20	Isobutylene di sulphonic acid (IBDSA) (By product)	211	0	211
21	Sodium sulphate (By product)	523	0	523
22	Methanol (By product)	2240	0	2240
23	Ammonium sulphate (By product)	258	0	258
24	Polymeric Liquid (40% conc) VINSAP (By product)	46	0	465
25	Super plasticizer (By product)	394	0	394
26	Heavy organic matter (By product)	416	0	416
27	Light ends (By product)	25	0	25
28	Poly isobutylene (By product)	40	0	40
29	Spent sulphuric acid (By product)	15	0	15


32.Total Water Requirement

Dry 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


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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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	28	9	37	5	2	7	23	7	30
Industrial Process	164	50	214	120	23	143	44	27	71
Cooling tower & thermopack	1663	17	1680	1477	7	1484	186	10	196
Gardening	23	0	23	23	0	23	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	--
	Size and no of RWH tank(s) and Quantity:	--
	Location of the RWH tank(s):	--
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	Not applicable



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35.Storm water drainage	Natural water drainage pattern:	--
	Quantity of storm water:	--
	Size of SWD:	--
Sewage and Waste water	Sewage generation in KLD:	30 (existing + proposed)
	STP technology:	Not applicable. Sewage will be treated in suitably upgraded ETP.
	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:	Minor quantity of construction debris will be generate.
	Disposal of the construction waste debris:	Construction debris will be disposed off as per norms.
Waste generation in the operation Phase:	Dry waste:	Fly / bottom ash: 28,132 TPA, Scrap wooden pellets: 10 No/month, Paper drums: 50 No/month, Waste paper: 10 kg/month, Safety helmet/ safety goggles/ hand gloves: 100 No/month, Waste PP bags/ packing material: 10 kg/month, metal scrap: 2 T/month, Canteen / Kitchen waste: 51 kg/month, STP Sludge: 71.6 kg/month
	Wet waste:	Not applicbale
	Hazardous waste:	Used Oil / Spent Oil Waste Oil, Asbestos containing material/ discarded asbestos, Waste Polymer, Containers/barrels/drums use for hazardous waste / chemicals, ETP Sludge, Spent Carbon, Process Residue (DAAM), Process Residue (from other process), Reagent Bottles, Glass wool & puff, Waste fuel hydrocarbon (bottom ash from oil fired boiler,stack), Battery waste, Electrical Bulbs, Glasses & Tubes, Electrical waste cables, Distillation residue (Tar polymer), Spent Catalyst
	Biomedical waste (If applicable):	Not applicable.
	STP Sludge (Dry sludge):	Not applicable.
	Others if any:	Not applicable.
Mode of Disposal of waste:	Dry waste:	Dry waste will be disposed off as per norms
	Wet waste:	Not applicable
	Hazardous waste:	Hazardous waste will be disposed off as per Hazardous waste rule 2016, CPCB norms.
	Biomedical waste (If applicable):	Not applicable.
	STP Sludge (Dry sludge):	Not applicable.
	Others if any:	Not applicable.


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Area requirement:	Location(s):	within plot
	Area for the storage of waste & other material:	within plot
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	refer point no. 51
	O & M cost:	refer point no. 51.

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	1 to 4	5.5 to 9	5.5 to 9
2	Chemical oxygen demand	mg/L	40000 to 50000	< 250	< 250
3	Biological oxygen demand	mg/L	10000 to 18000	< 100	< 100
4	Total suspended solid	mg/L	150 to 300	< 100	< 100
5	Total dissolved solids	mg/L	15000 to 25000	< 2100	< 2100
Amount of effluent generation (CMD):		297 cmd (existing + proposed)			
Capacity of the ETP:		350 cmd (existing + proposed)			
Amount of treated effluent recycled :		260 cmd for Utilities & Gardening (existing + proposed) + 14 cmd for ETP operations (existing + proposed)			
Amount of water send to the CETP:		23 cmd (as per existing Consent to Operate)			
Membership of CETP (if require):		Yes. Unit is member of Lote- Parshuram CETP.			
Note on ETP technology to be used		Collection tank > Neutralization tank > Coagulation tank > Flocculation > Pri. clarification > Aeration treatment > Sec. clarification > Pressure sand filter > Activated carbon filter > RO treatment > RO reject to MEE > MEE permeate to final treated collection tank			
Disposal of the ETP sludge		ETP sludge will be disposed off to CHWTSDF, Talaja.			


38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil / Spent Oil	5.1	Lit/A	5000	0	5000	Will be sold to Authorized Recycler
2	Waste Oil	5.2	Lit / A	500	0	500	Will be sold to Authorized Recycler or disposal to CHWTSDF
3	Asbestos containing material/ discarded asbestos	15.2	TPA	2	0	2	CHWTSDF
4	Waste Polymer	20.3	TPA	7	0	7	Used to prepare polymers and sold as construction additives OR Sent to CHWTSDF
5	Containers/barrels/drums use for hazardous waste / chemicals	33.1	Nos./month	30	0	30	Sell to Authorize party.
6	ETP Sludge	35.3	TPA	3000	0	3000	CHWTSDF
7	Spent Carbon	28.3	TPA	9.5	0	9.5	CHWTSDF
8	Process Residue (DAAM)	28.1	TPA	50	0	50	CHWTSDF


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9	Process Residue (from other process)	28.1	TPA	265.3	0	265.3	CHWTSDF
10	Reagent Bottles	--	Nos./A	350	0	350	Sell to authorized recycler
11	Glass wool & puff	--	TPA	4	0	4	CHWTSDF
12	Waste fuel hydrocarbon (bottom ash from oil fired boiler,stack)	11.4	Kg/A	300	0	300	CHWTSDF
13	Battery waste	--	Nos./A	12	0	12	Sell to authorized party
14	Electrical Bulbs, Glasses & Tubes	--	Nos./A	450	0	450	Sell to authorized party
15	Electrical waste cables	--	TPM	100	0	100	Sell to authorized party
16	Distillation residue (Tar polymer)	28.1	TPA	0	125	125	CHWTSDF
17	Spent Catalyst	28.2	TPA	0	2	2	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	15 TPH Boiler (Existing)	Coal: 3020 Kg/Hr	1	40	1	160
2	9 TPH Boiler (Existing)	Coal: 1050 Kg/Hr	2	35	1	150
3	6 TPH Boiler (Existing)	Furnace oil: 340 Kg/Hr	3	40	0.85	146
4	10 LacKcal/Hr Thermic Fluid Heater (Existing)	Furnace oil: 140 Kg/Hr	4	30.5	0.58	112
5	54 TPH Boiler (Existing)	Coal: 10680 Kg/Hr	5	66	1.5	140
6	30 LacKcal/Hr Thermic fluid heater (Existing)	Coal: 665 Kg/Hr	6	35	0.85	240
7	30 LacKcal/Hr Thermic fluid heater (Proposed)	Coal: 665 Kg/Hr	7	35	0.85	240
8	D.G. Set (320 KVA) (Existing- emergency use)	HSD: 60 Lit/Hr	8	3 (above the roof)	0.1	110
9	D.G. Set (600 KVA) (Existing- emergency use)	HSD: 80 Lit/Hr	9	5 (above the roof)	0.3	116
10	D.G. Set (125 KVA) (Existing- emergency use)	HSD: 40 Lit/Hr	10	3 (above the roof)	0.1	136
11	D.G. Set (1500 KVA) (Existing- emergency use)	HSD: 200 Lit/Hr	11	7.8 (above the roof)	0.4	156
12	D.G. Set (125 KVA) (Existing- emergency use)	HSD: 40 Lit/Hr	12	2.5 (above the roof)	0.1	154


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13	Flare (Existing- for Emergency)	--	13	32	--	--
14	Flare (Proposed- for Hydrogen gas)	--	14	As per statutory requirement	--	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total	
1	Coal	15415 Kg/Hr	665 Kg/Hr	16080	
2	Furnace oil	480 Kg/Hr	0	480 Kg/Hr	
3	HSD	420 Lit/Hr	0	420 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 :	as per MIDC norms
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	as per green belt
	List of proposed native trees :	details given in EIA report.
	Timeline for completion of plantation :	as per project implementation planning

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	details given in EIA report	details given in EIA report	details given in EIA report	details given in EIA report

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

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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	Electricity requirement will be fulfilled by existing co generation plant.
	DG set as Power back-up during construction phase	Existing DG set adequate for additional load.
	During Operation phase (Connected load):	Electricity requirement will be fulfilled by existing co generation plant.
	During Operation phase (Demand load):	Electricity requirement will be fulfilled by existing co generation plant.
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	Existing DG set adequate for additional load.
	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
Air pollution (Utilities, Process, DG set)	Stack, Cyclone, Bag filter, Process scrubber	Stack, Cyclone, Bag filter, Process scrubber
Water pollution	ETP	ETP, RO, MEE
Noise pollution	PPE, Acoustic enclosure	PPE, Acoustic enclosure
Hazardous waste	disposal to CHWTSDF, authorized recycler	disposal to CHWTSDF, authorized recycler

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	--	--	--


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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	from Utilities, Process, DG set	200	20
2	Environment Monitoring	Regular monitoring	6	4
3	Water Pollution Control	ETP, RO, MEE	300	40
4	Hazardous waste & Solid waste management	storage & disposal of hazardous waste & Non hazardous waste	10	7
5	Green Belt Development	development & maintenance of green belt	12	5
6	Occupational Health & Safety	PPE, safety training	9	5
7	Social welfare & upliftment	ESC budget	450	40


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
Acetonitrile	Existing	within plot	1 no of 44 KL, 2 nos. of each 250 KL	27 Ton, 2 nos. of each 171 Ton	as per requirement	nearby source	By road
Isobutylene	Existing	within plot	110 KL & 4 Nos. of each 183 KL	52 Ton & 4 Nos. of each 87 Ton	as per requirement	nearby source	By road
Sulfuric acid	Existing	within plot	2 nos. of 25 KL each & 1 no. of 150 KL	2 nos. of 39 Ton each & 1 no. of 156 Ton	as per requirement	nearby source	By road
Sodium hydroxide	Existing	within plot	1 no. of 50 KL, 1 No. of 120 KL	1 no. of 51 Ton, 1 No. of 154 Ton	as per requirement	nearby source	By road
SO3	Existing	within plot	6.1 KL	9 Ton	as per requirement	nearby source	By road
Methanol	Existing	within plot	1 no. of 18 KL & 1 no. of 650 KL	1 no. of 11 Ton & 1 no. of 370 Ton	as per requirement	nearby source	By road
Methyl tertiary butyl ether	Existing	within plot	2 nos. of 650 KL each & 1 no. of 750 KL	2 nos. of 400 Ton each & 1 no. of 450 Ton	as per requirement	nearby source	By road


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HOM	Existing	within plot	40 KL	23 Ton	as per requirement	nearby source	By road
Furnace oil	Existing	within plot	44 KL	40 Ton	as per requirement	nearby source	By road
Na -ATBS	Existing	within plot	2 nos. of 50 KL each & 1 no. of 120 KL	2 nos. of 55 Ton each & no. of 115 Ton	as per requirement	nearby source	By road
HPMTBE	Existing	within plot	2 nos. of 93 KL	2 nos. of 55 Ton each	as per requirement	nearby source	By road
Toluene	Existing	within plot	50 KL	35 Ton	as per requirement	nearby source	By road
Acetic acid	Existing	within plot	100 KL	85 Ton	as per requirement	nearby source	By road
PTBT	Existing	within plot	50 KL	40 Ton	as per requirement	nearby source	By road
PTBBA / Ester	Existing	within plot	50 KL	40 Ton	as per requirement	nearby source	By road
Phenol	Proposed	within plot	1000 KL	850 Ton	as per requirement	nearby source	By road
Ortho tertiary Butyl Phenol (OTBP)	Proposed	within plot	360 KL	300 Ton	as per requirement	nearby source	By road
2,4 di-tertiary butyl phenol (2,4 DTBP)	Proposed	within plot	360 KL	260 Ton	as per requirement	nearby source	By road
2,6 di-tertiary butyl phenol (2,6 DTBP)	Proposed	within plot	360 KL	250 Ton	as per requirement	nearby source	By road
Al ₂ (SO ₄) ₃ solution	Proposed	within plot	360 KL	300 Ton	as per requirement	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:	Not applicable
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Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	11,675.52
	Area per car:	as per MIDC norms
	Area per car:	as per MIDC norms
	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):	Minimum 6 m
	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	11-07-2017
Brief information of the project by SEAC		


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PP has obtained TOR from the earlier SEAC-1 in 135th meeting held on 21,22 & 23rd September, 2016 to prepare EIA/EMP report as per EIA Notification, 2006.

PP had obtained earlier EC vide No. SEAC-2015/CR-236/TC-2 dated 28.06.2016.

Now PP submitted the EIA report to the committee for appraisal.

The proposal is for change in product mix. PP proposes to remove the following products from their list,

1. Lialdehyde
2. Butyl Benzaldehyde
3. T-Butanol

and add a product Para tertiary butyl phenol with manufacturing capacity of 39000MT/Year

The proposal was deferred in the 142nd meeting of SEAC-1 subject to the compliance of following points,

1. PP informed that the total project will be Zero Liquid Discharge and no effluent will be discharged to CETP; PP also to ensure only recycled water to be used for garden no fresh water to be used for gardening purpose.
2. PP to submit clarification on the organic content in the soil; PP submitted report which mentions organic carbon in the soil is 12%.
3. PP to collect sample from river Washishthi two samples per kilometer and submit analysis report as a part of EIA report to identify the impact of proposed activity on the river.
4. PP to upload on site emergency plan on the web site.

Now PP submitted the compliance of above points to the SEAC-1.


DECISION OF SEAC

SEAC-1 after deliberation decided to recommend the proposal to SEIAA for grant of prior Environment Clearance.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



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**Dr. Umakant Dangat
(Chairman SEAC-I)**

143rd Meeting of SEAC-1

SEAC Meeting number: 143 Meeting Date October 11, 2017


Subject: Environment Clearance for Environment Clearance for Pune Ring Road (Western Alignment)

1.Name of Project	Construction of Pune Ring Road (Western Alignment) - 66.100 km Start at Khed Shivapur and End at Urse of Pune District
2.Type of institution	Government
3.Name of Project Proponent	Maharashtra State Road Development Corporation Ltd (MSRDC)
4.Name of Consultant	Building Environment India Pvt Ltd.
5.Type of project	Highway 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	Start at Khed Shivapur & End at Urse village , Pune District, Maharashtra
9.Taluka	Bhor, Haveli, Mulshi, Maval (4 Taluka)
10.Village	32 villages
Correspondence Name:	Shri Narendra Toke
Room Number:	MSRDC, Bandra Office, Near Bandra Reclamation, KC Road
Floor:	-
Building Name:	MSRDC, Bandra
Road/Street Name:	KC Road
Locality:	Bandra Reclamation
City:	Mumbai
11.Area of the project	Yes. Pune Metropolitan Regional Development Authority (PMRDA)
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	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.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.):
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	30217200000

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
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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	Along the proposed road alignment some existing structure are observed.
30.Details of the demolition with disposal (If applicable)	-

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable


32.Total Water Requirement

Dry season:	Source of water	Local Body
	Fresh water (CMD):	100 KLD
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD):	-
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable


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Wet season:	Source of water	Local Body
	Fresh water (CMD):	90 KLD
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	-
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	90	90	0	18	18	0	72	72

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Varies from 5mbgl to 20mbgl as per topography
	Size and no of RWH tank(s) and Quantity:	-
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	66 Nos.
	Size of recharge pits :	-
	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:	Varies as per topography along the alignment.
	Quantity of storm water:	-
	Size of SWD:	-



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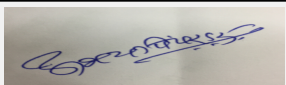
Sewage and Waste water	Sewage generation in KLD:	72
	STP technology:	Package STP will be provide
	Capacity of STP (CMD):	STP- 75 KLD
	Location & area of the STP:	Package STP will be provide
	Budgetary allocation (Capital cost):	-
	Budgetary allocation (O & M cost):	-

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Total Solid waste Generation 250 Kg per day
	Disposal of the construction waste debris:	Debris will be used in land filling & Road making
Waste generation in the operation Phase:	Dry waste:	-
	Wet waste:	-
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	-
	Others if any:	-
Mode of Disposal of waste:	Dry waste:	-
	Wet waste:	-
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	-
	Others if any:	-
Area requirement:	Location(s):	-
	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	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Amount of effluent generation (CMD):		Not Applicable			
Capacity of the ETP:		Not Applicable			


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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	-	-	-	-	-	-	-

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	DG Set as per requirement	HSD	-	-	-	-

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	-	-	-

41.Source of Fuel Local market

42.Mode of Transportation of fuel to site -

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

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


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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	-
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	-
	During Operation phase (Demand load):	-
	Transformer:	-
	DG set as Power back-up during operation phase:	-
	Fuel used:	-
	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
-	-	-

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	-	-	-	-

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

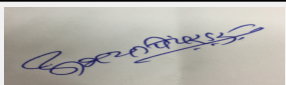
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
-	-	-	-	-	-	-	-

52.Any Other Information

No Information Available


53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	18
Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	-
	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:	-
	Width of all Internal roads (m):	110
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Tamhini Wildlife Sanctuary approximately 15km away from the proposed allignment
	Category as per schedule of EIA Notification sheet	B
	Court cases pending if any	-
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	Yes



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	Date of online submission	02-12-2016
Brief information of the project by SEAC		
<p>PP submitted their application for the grant of TOR under category 7(f)B1 as per EIA Notification, 2006.. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.</p> <p>Public Hearing is applicable under the provisions of the EIA Notification, 2006.</p>		
DECISION OF SEAC		
<p>Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.</p>		
<p>PP to collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017.</p>		
<p>Specific Conditions by SEAC:</p>		
<ol style="list-style-type: none"> 1) PP to include criteria and justification for selection of the alignment for proposed ring road in the EIA report. 2) PP to study the impact of tunnel on the environment and include the same in the EIA report. 3) PP to obtain prior permission from competent authority for cutting of the trees and also to obtain forest clearance wherever applicable. 4) PP to explore eco friendly and modern / new technologies for access control. 5) PP to submit detailed plan of indigenous tree plantation along the ring road in consultation with Botanical Survey of India and Forest Department. 6) The entire project should be a 'net water surplus' project. PP should initiate water conservation measures involving rain water harvesting technologies. 7) PP to take adequate measures for soil conservation, natural water drains and examine stability of slopes wherever necessary. 8) PP shall utilize the natural and local resources in such a way that there will be no adverse impact on environment. PP to explore possibility to use fly ash, crush sand, metal slags, Rice Ash etc. 9) PP shall take utmost care in storing the excavated material, construction waste to avoid adverse impact on nearby habitation. 10) PP to provide noise barriers where habitation and sensitive ecosystem exists. 11) PP to obtain raw material required for road construction like stones, sand etc, from the sites included in the district mining plan duly approved by the competent authority. If such material is planned to be obtained through contractors, the conditions stipulated in the prior Environment Clearance shall be included in the agreement with contractors. 12) PP to use precoated steel instead of coating and painting on site. 13) PP to submit design of road with respect to the number of vehicles ply, its load on the road and life/strength of the road. 		
FINAL RECOMMENDATION		
<p>The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.</p>		


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143rd Meeting of SEAC-1

SEAC Meeting number: 143 Meeting Date October 11, 2017


Subject: Environment Clearance for INDUSTRIAL PROJECT

General Information: Venue: CSIR- National Chemical Laboratory (NCL) Guesthouse, Pashan Road, Pune- 411008.

1.Name of Project	GAJLAXMI STEELS PVT LTD.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Anoop Jajoo
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory)
5.Type of project	Industrial Estate, Jalna Additional MIDC
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Expansion (2000 TPM to 8000 TPM) earlier EC was not required, production capacity was within EC limit
8.Location of the project	F-4,5,6 Addl MIDC, Jalna
9.Taluka	Jalna
10.Village	Jalna
11.Area of the project	MIDC area, Jalna
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area:
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.)	7,182 m ²
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.):
19.Total ground coverage (m ²)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	70000000


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	225 No. of workers		
25.Tenant density per hectare	Not applicable		
26.Height of the building(s)			


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27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 - 12 m
29.Existing structure (s) if any	Yes, Industrial shed for existing production
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	A. MS Billets/Ingots and/or and/or	2000 TPM	6000 TPM	8000TPM


32.Total Water Requirement

Dry season:	Source of water	MIDC Jalna
	Fresh water (CMD):	85
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	5
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	110
	Fire fighting - Underground water tank(CMD):	50
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA


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Wet season:	Source of water	MIDC Jalna
	Fresh water (CMD):	80
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	110
	Fire fighting - Underground water tank(CMD):	50
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA

Details of Swimming pool (If any)	Not applicable
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33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	10	10	0	5	5	0	5	5
Cooling tower & thermopack	0	65	65	0	65	65	0	0	0
Industrial Process	0	30	30	0	10	10	0	20	20
Gardening	0	5	5	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3.84 to 16.20 m bgl
	Size and no of RWH tank(s) and Quantity:	1 No. 10mX10mX5m
	Location of the RWH tank(s):	near green belt
	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



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35.Storm water drainage	Natural water drainage pattern:	Natural water drainage pattern By gravity
	Quantity of storm water:	70 m3
	Size of SWD:	300x450mm
Sewage and Waste water	Sewage generation in KLD:	5
	STP technology:	Extende areration system
	Capacity of STP (CMD):	1 no. Prefabricated STP having capacity 10 m3/d
	Location & area of the STP:	near admin building
	Budgetary allocation (Capital cost):	Rs. 10.00 Lakhs
	Budgetary allocation (O & M cost):	Rs. 0.50 Lakhs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	debris, cement bags, empty drums etc.
	Disposal of the construction waste debris:	used within site, sent to Authorized recyclers
Waste generation in the operation Phase:	Dry waste:	office waste 56 kg/d, slag 12 T/d, process waste, refractory, scrap 4 MT
	Wet waste:	Nominal
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	1 kg/d
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Authorized vendor
	Wet waste:	used for composting
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	used as manure
	Others if any:	NA
Area requirement:	Location(s):	near process area
	Area for the storage of waste & other material:	50 m2
	Area for machinery:	50 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 3.50 Lakhs
	O & M cost:	0.50 Lakhs/annum
37.Effluent Charecterestics		


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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):		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	NA	NA	NA	NA	NA	NA	NA

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	1 No.	electricity	1	30	1.2	95 0C

40.Details of Fuel to be used

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


41.Source of Fuel Electricity (MSEDCL)

42.Mode of Transportation of fuel to site from transmission line

43.Green Belt Development	Total RG area :	1040 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	100
	List of proposed native trees :	100
	Timeline for completion of plantation :	approx. 2 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	Mimusopes alengi	Bakul	15	evergreen tree, timber yielding
2	Azadirctca indica	Neem	20	Evergreen Medicinal plant
3	Pongamea pinnata	Karanj	15	Medicinal plant
4	Saraca indica	Sita Ashok	10	Evergreen Medicinal plant
5	Syzygiam cumini	Jambhul	5	fruittree and bird attracting


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6	Neolamarkia cadamba	Kadamb	10	Tropical fruit tree and bird attracting
7	Vitex negundo	Nirgudi	10	Evergreen Medicinal plant
8	Bombax ceiba	Savar	15	Medicinal plant
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 :	MIDC Jalna
	During Construction Phase: (Demand Load)	limited
	DG set as Power back-up during construction phase	1 No. 60 kVA
	During Operation phase (Connected load):	10100 kVA
	During Operation phase (Demand load):	10100 kVA
	Transformer:	NA
	DG set as Power back-up during operation phase:	500 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

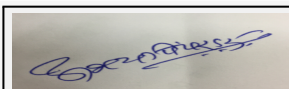
49.Detail calculations & % of saving:

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	Venture Dust collector provided	Dust collector with wet scrubber proposed
Water	Septic tank with soak pit	STP proposed for domestic waste water treatment
Solid Waste	Collection, segregation	Collection , Segregation

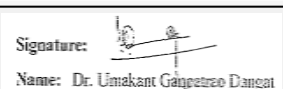
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA



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51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	for construction	for construction	Rs. 149.10 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 environmnet	Stack - emission control	120.00	8.00
2	water & waste water	water & waste water	15.00	0.30
3	Green belt	Green belt	5.00	1.40
4	Envt. monitoring	Envt. monitoring	--	0.35
5	Envt.cell & PR	Envt.cell & PR	0.10	0.65
6	other aspects like RWH, safty, security etc.	other aspects like RWH, safty, security etc.	2.50	0.30
7	Contingency	Contingency	3.00	0.20

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:	1
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	862 m2
	Area per car:	12.5
	Area per car:	12.5
	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):	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	NA
	Other Relevant Informations	<ul style="list-style-type: none"> • Earlier we had presented the case during 81st SEAC-I meeting for ToR and received ToR for the same. (production of Billets/ Ingots) • EIA was submitted on 5.3.2016, then presented the case for EIA Appraisal during 124th SEAC-I meeting. (production of Billets/ Ingots), For this meeting we • we received compliance points, we submitted (revised form & PFR)the compliance points along with the letter clarifying addition of plot and process of rolling mill in the proposal. • We presented the case in 128th and 133rd SEAC -I meeting - case was differed for site visit. • Again presented the case during 135th SEAC-I meeting.As per 135th SEAC-I MoM, now we are submitting herewith revised Application for the same. we request you to consider case and accept our earlier EIA Report for the same.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	04-03-2013
Brief information of the project by SEAC		


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PP submitted their application for TOR to the earlier SEAC-1 committee and was considered in 81st, 124th, 128th and 135th meeting. Now PP informed that they have made changes and submitted a fresh proposal for ToR under category 3(a) B1 as per EIA Notification, 2006 for expansion of existing unit. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

Public hearing is applicable.

DECISION OF SEAC

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.


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

Specific Conditions by SEAC:

- 1) PP to submit layout plan showing width of internal roads of six meters, turning radius of nine meters, entry /exit gates, parking areas, location of pollution control equipment, 33% green belt etc.
- 2) PP to submit an undertaking for not discharging any liquid waste/treated effluent out side the factory premises.
- 3) PP to submit copy of structural stability of existing buildings.
- 4) PP to submit details of CSR activities for the conservation of the Moti Lake situated near MIDC.
- 5) PP to submit quantitative and qualitative EMP. PP to include slag storage and disposal plan in the EMP.
- 6) PP to provide lightening arrestor.
- 7) PP to submit an undertaking for not violating any requirement of EIA Notification, 2006 and amendments thereof.

FINAL RECOMMENDATION


The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.




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(Chairman SEAC-I)**

143rd Meeting of SEAC-1

SEAC Meeting number: 143 Meeting Date October 11, 2017


Subject: Environment Clearance for Proposed Intermediate Chemical Manufacturing Industry, M/s. MASCOT FINOCHEM

1.Name of Project	M/S. MASCOT FINOCHEM
2.Type of institution	Private
3.Name of Project Proponent	Mr. Osmanuddin Aminuddin Khaja
4.Name of Consultant	Building Environment (India) Pvt. Ltd.
5.Type of project	Industry - Synthetic Organic Chemical (5f)
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	Gut No.98, Village-Chittegaon, Taluka-Paithan, District-Aurangabad-431105
9.Taluka	Paithan
10.Village	Chittegaon
Correspondence Name:	Mr. Osmanuddin Aminuddin Khaja
Room Number:	214
Floor:	Arif Colony
Building Name:	Arif Colony
Road/Street Name:	Arif Colony
Locality:	Arif Colony
City:	Aurangabad
11.Area of the project	Grampanchayat- Chittegaon
12.IOD/IOA/Concession/Plan Approval Number	Not applicable
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area: 1261.79
13.Note on the initiated work (If applicable)	None
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NoC from Chittegaon Grampanchayat -Industrial Unit Establishment
15.Total Plot Area (sq. m.)	3921
16.Deductions	0
17.Net Plot area	3921
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1261.79
	b) Non FSI area (sq. m.):
	c) Total BUA area (sq. m.): 1262
19.Total ground coverage (m2)	1200
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	36000000

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
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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))	ROW-6 meter and Nearest Fire Station - Aurangabad
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. Proposed land is barren land
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	N-Phenyl Piperazine	0	10	12
2	Benzhydrol	0	22	22
3	Sachcharin	0	14	14
4	Methyl Hexanoic Acid	0	5	5
5	2-Amino-4-Chlorophenol	0	22	22
6	Methyl Anthranilate	0	20	20
7	Calcium Propionate	0	10	10
8	Cetyl Lactate	0	10	10
9	Sodium-2-Ethyl Hexonate	0	10	10


32.Total Water Requirement

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Dry season:	Source of water	Tanker Water
	Fresh water (CMD):	4
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4
	Fire fighting - Underground water tank(CMD):	80,000 Liter One Time Storage
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	Source of water	Tanker Water
	Fresh water (CMD):	4
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.5	1.5	0	0.3	0.3	0	1.2	1.2
Cooling tower & thermopack	0	1.2	1.2	0	1.0	1.0	0	0.2	0.2
Industrial Process	0	1.0	1	0	0.2	0.2	0	0.8	0.8
Gardening	0	1.0	1.0	0	1.0	1.0	0	0	0


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Fresh water requirement	0	4.7	4.7	0	2.5	2.5	0	2.2	2.2
34.Rain Water Harvesting (RWH)									
Level of the Ground water table:		8-10 meter							
Size and no of RWH tank(s) and Quantity:		1							
Location of the RWH tank(s):		Near Godown area							
Quantity of recharge pits:		3 nos.							
Size of recharge pits :		-							
Budgetary allocation (Capital cost) :		Rs. 35,000/-							
Budgetary allocation (O & M cost) :		Rs. 3,000/ Year							
Details of UGT tanks if any :		80,000 Liters underground tank will be constructed for firefighting.							
35.Storm water drainage									
Natural water drainage pattern:		Natural drainage pattern will be maintained.							
Quantity of storm water:		--							
Size of SWD:		--							
Sewage and Waste water									
Sewage generation in KLD:		1.2							
STP technology:		Not applicable . Sewage will led down to the septic tank followed by soak pit							
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: During construction of the project there will be marginal solid waste in form of construction waste viz. debris, top soil, rebars, tin sheets, corrugated box, plastic, wooden box, etc.							
		Disposal of the construction waste debris:		Top soil will be preserved for green belt. Debris will use for leveling of site.					
Waste generation in the operation Phase:		Dry waste:		3.5 kg/day					
		Wet waste:		2.0 kg/day					
		Hazardous waste:		Average - Sludge in the form of Salt - 320 kg/day					
		Biomedical waste (If applicable):		--					
		STP Sludge (Dry sludge):		Not applicable					
Others if any:		--							

Mode of Disposal of waste:	Dry waste:	Segregated as per characteristics of waste and disposed off through authorized vendor
	Wet waste:	Domestic wet waste send to Local Grampanchayat- Chittegaon
	Hazardous waste:	Multi-effect evaporator system will be installed on site to achieve Zero Liquid Discharge. Hazardous waste will send to CHWTSDF for final disposal at MEPL, Ranjangaon
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	Location(s):	Gat No.98, Chittegaon village, Plot Area- 3921.00 Sq.M.
	Area for the storage of waste & other material:	Waste Storage Area- 500 Sq.M., Finished Good Storage Area- 108 Sq.M. Raw Material Storage Area- 114.48 Sq.M.
	Area for machinery:	352.04 Sq.M.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Capital Cost of the Project- Rs. 3, 60,00,000/-
	O & M cost:	Not applicable

37. Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	3.0-4.0	7.0-8.0	6-8.5
2	TDS	mg/l	2000 - 2100	1600 - 1900	<2100
3	BOD	mg/l	2000 - 3000	80 - 90	< 100
4	COD	mg/l	5000 - 6000	200 - 240	< 250
5	O & G	mg/l	20 - 25	5 - 6	<10
Amount of effluent generation (CMD):		1			
Capacity of the ETP:		5 CMD with Multi-Effect Evaporator with RO System will be provided to achieve Zero Liquid Discharge Scheme.			
Amount of treated effluent recycled :		--			
Amount of water send to the CETP:		--			
Membership of CETP (if require):		Not Applicable			
Note on ETP technology to be used		Primary treatment + RO + Multi Effect Evaporator			
Disposal of the ETP sludge		ETP sludge will send to CHWTSDF , MEPL Ranjangaon			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Catalyst	28.2	MT/Month	0	0.4	0.7	Collect and send to CHWTSDF
2	SEE Residue	37.3	MT/Month	0	0.002	0.002	Collect and send to CHWTSDF
3	Sludge from Primary Tank	35.3	MT/Month	0	0.02	0.02	Collect and send to CHWTSDF

39. Stacks emission Details

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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1 TPH steam boiler & 1 lakh kilo calorie/hour thermic fluid heater	Coal OR Briquette - 160 kg/hr OR 180 kg/hr	1	32	0.6	200C
2	DG Set	HSD	1	3 meter above the roof	0.3	350
3	HCl Scrubber	Not Applicable	1	12.0	0.1	40

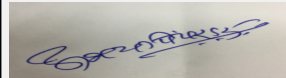
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal OR Briquette	0	160 kg/hr OR 180 kg/hr	160 kg/hr OR 180 kg/hr
2	HSD	0	12.5 lit/hr	12.5 lit/hr
41.Source of Fuel		Local Market		
42.Mode of Transportation of fuel to site		By Tuck		

43.Green Belt Development	Total RG area :	1200
	No of trees to be cut :	None
	Number of trees to be planted :	100
	List of proposed native trees :	--
	Timeline for completion of plantation :	2 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	Aegle marmelos	Bel	3	--
2	Azadirachta indica	Neem	2	--
3	Bauhinia racemosa	Aapta	3	--
4	Cassia fistula	Bahawa	2	--
5	Cordia dichotoma	Bhokar	4	--
6	Ficus racemosa	Umbar	4	--
7	Ixora arborea	--	2	--
8	Ficus religiosa	Pimpal	2	--
9	Mangifera Indica	Aamba	5	--
10	Syzygium cumini	Jambhul	5	--
11	Ziziphus mauritiana	Bor	4	--
12	Butea monosperma	Palas	3	--
13	Citrus sp	Limbu	3	--
14	Santalum album	Chandan	2	--


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15	Terminalia elliptica	Ain	4	--
16	Terminalia catappa	Jangli Badam	3	--
17	Tamarandus indica	Chinch	1	--
18	Punica granatum	Dalimb	5	--
19	Tectona grandis	Sag	4	--
20	Neolamarckia cadamba	Kadamb	2	--

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 :	Maharashtra State Electricity Distribution Company Limited (MSEDCL)
	During Construction Phase: (Demand Load)	12.5 kVA
	DG set as Power back-up during construction phase	62.5 kVA
	During Operation phase (Connected load):	125 kVA
	During Operation phase (Demand load):	125 kVA
	Transformer:	150 KVA
	DG set as Power back-up during operation phase:	62.5 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:


Solar lights will be provided for road & common area

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar lights for common area	5 nos.

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Emission from Boiler	Not applicable	Cyclone separator with stack


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Effluent from process	Not applicable	Primary Treatment+ RO+ Multi Effect Evaporator
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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.15000
	O & M cost:	Rs. 2000

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):


Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust repression	Water Sprinkling	0.6
2	Construction Waste Management	Dry & Wet Waste	0.5
3	Sewage	Septic Tank & Soak Pit	0.4
4	8 Feet Tin Sheet	Noise barrier	0.3
5	PPE's	Air & Noise	0.3
6	Green Belt Development	Plantation	0.3

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Cyclone	to control particulate matter emission	10	2
2	Primary Treatment + RO+ MEE	to achieve Zero Liquid Discharge	20	4
3	Green Belt Maintainance	Sapling and maintenance of existing green belt	0.7	0.25


51.Storage of chemicals (inflammable/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
Benzophenone	Hazardous	Storage Area	12	0	24	Local Market	By HDPE lined drum
Methanol	Hazardous	Storage Area	22	0	44	Local Market	By HDPE lined drum
Sodium hydroxide	Hazardous	Storage Area	12	0	24	Local Market	In bags
2-Ethyl Hexanoic acid	Flammable	Storage Area	4	0	9	Local Market	By HDPE lined drum
4 chloro-2-nitro phenol	Hazardous	Storage Area	14	0	29	Local Market	In bags
HCL	Hazardous	Storage Area	14	0	28.6	Local Market	By HDPE lined drum


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O-Toluene Sulfonamide	Flammable	Storage Area	7	0	15.4	Local Market	By HDPE lined drum
Sulfuric Acid	Hazardous	Storage Area	7	0	28	Local Market	By HDPE lined drum
Chromic Acid	Hazardous	Storage Area	2	0	16.8	Local Market	By HDPE lined drum
Sodium Carbonate	Hazardous	Storage Area	1	0	5.6	Local Market	In bags
Anthranilic Acid	Hazardous	Storage Area	5	0	19	Local Market	By HDPE lined drum
Acetic Acid	Flammable	Storage Area	0.38	0	0.38	Local Market	By HDPE lined drum
Sodium Bi Carbonate	--	Storage Area	1.9	0	1.9	Local Market	n bags
Dichloromethane	Hazardous	Storage Area	19	0	38	Local Market	By HDPE lined drum
Calcium Hydroxide	Hazardous	Storage Area	2	0	4	Local Market	In Bags
Propionic acid	Flammable	Storage Area	4	0	8	Local Market	By HDPE lined drum
Aniline	Flammable	Storage Area	4	0	8	Local Market	By HDPE lined drum
Bis ethyl Amino chloride hydrochloride	Hazardous	Storage Area	7	0	15	Local Market	By HDPE lined drum
Toluene	Flammable	Storage Area	20	0	50	Local Market	By HDPE lined drum
Cyanoacetamide	Hazardous	Storage Area	1	0	3.6	Local Market	In Bags
Isovaleraldehyde	Flammable	Storage Area	0.5	0	1.8	Local Market	By HDPE lined drum
Piperidine	Inflammable	Storage Area	0.5	0	1.8	Local Market	By HDPE lined drum
Urea	Hazardous	Storage Area	1.2	0	1.2	Local Market	In Bags
Lactic acid	Hazardous	Storage Area	1.5	0	2.8	Local Market	By HDPE lined drum
Cetyl alcohol	Hazardous	Storage Area	4	0	7.7	Local Market	In Bags

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1 No. to Aurangabad to Paithan Road
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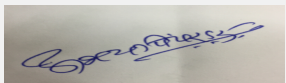

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Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	800 Sq.M.
	Area per car:	12 Sq.M.
	Area per car:	12 Sq.M.
	Number of 2-Wheelers as approved by competent authority:	10 nos.
	Number of 4-Wheelers as approved by competent authority:	10 nos.
	Public Transport:	5 nos.
	Width of all Internal roads (m):	6 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	Category "B", 5 (f)- Synthetic Organic Chemical
	Court cases pending if any	Not Applicable
	Other Relevant Informations	It is proposed intermediate drug manufacturing industry. A site is located on private barren land at Chittegaon Village, Aurangabad District. A site is well connected to the Aurangabad-Paithan road. Site is well surrounded by other industrial units such as Videocon, R.L. Steels & Energy Ltd, Cement Manufacturing, and other stone crusher unit etc.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-04-2017
Brief information of the project by SEAC		
PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.		
DECISION OF SEAC		


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During deliberations it was observed that the proposal submitted is on non MIDC area. PP was not sure whether the land use in proposed gut number is allowed for chemical industry as per approved Regional Plan of Aurangabad district.

PP has not indicated the quantity and source of water required for production, utility and domestic use.

In view of above SEAC directed PP to submit authentic documents confirming the land use and also submit water requirement calculation to decide on the category of the industry.


SEAC-1 decided to defer the proposal till PP submits above information.

Specific Conditions by SEAC:

FINAL RECOMMENDATION


SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

SEAC-AGENDA-000000000035


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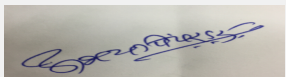
SEAC Meeting number: 143 Meeting Date October 11, 2017

Subject: Environment Clearance for Environmental Clearance for Proposed MS Billets (1,000 MTD) & Expansion of TMT Bars (77 MTD to 1,000 MTD) Manufacturing Unit

1.Name of Project	M/s. Ganraj Ispat Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Gaurav Pramod Dugad
4.Name of Consultant	M/s. Mantras Green Resources Ltd.,Nashik
5.Type of project	Industrial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project for Billet Manufacturing (Existing Rolling Mill)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable (Existing rolling mill is having capacity 77 MTD), The Rolling mill is does not attract the provision of Prior Environmental clearance) Consent is issued by MPCB.
8.Location of the project	A-3,Supa MIDC
9.Taluka	Parner
10.Village	Supa
Correspondence Name:	Gaurav Pramod Dugad
Room Number:	Dugad Group,Sheth Shree Narayandas Dugad Chowk
Floor:	Pushpa Height
Building Name:	Pushpa Height
Road/Street Name:	Pune Satara Road
Locality:	Sheth Shree Narayandas Dugad Chowk
City:	Pune
11.Area of the project	MIDC Supa
12.IOD/IOA/Concession/Plan Approval Number	MIDC
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 19228
13.Note on the initiated work (If applicable)	No work is initiated. Open land is available for proposed activity.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC Supa
15.Total Plot Area (sq. m.)	41498
16.Deductions	Not applicable
17.Net Plot area	41498
18.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
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	1200000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building 1,2,3, Manufacturing of billets in 1	Industrial shade will be constructed for Machineries.	Proposed Furnace shed and Rolling mill shed height will be 26 Meters Approximate


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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	Existing Industrial shed where Rolling Mills are installed
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	MS Billets	00	30,000	30,000
2	MS TMT Bars	2310	27690	30,000


32.Total Water Requirement

Dry season:	Source of water	Supa MIDC
	Fresh water (CMD):	110
	Recycled water - Flushing (CMD):	70
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	40
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	Over head tank is proposed
Excess treated water	00	


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Wet season:	Source of water	Supa MIDC
	Fresh water (CMD):	110
	Recycled water - Flushing (CMD):	70
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	40
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	50 proposed
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed


Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	10	3	13	02	01	03	07	03	10
Industrial Process	00	30	30	00	09	09	00	21	21
Cooling tower & thermopack	02	55	57	1.5	16.5	18	3.5	35.5	39
Gardening	07	03	10	00	00	00	00	00	00

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Rain Water Harvesting Plan is proposed
	Size and no of RWH tank(s) and Quantity:	Proposed Rainwater harvesting will be Two nos. (Number of Tank will be increased if require)
	Location of the RWH tank(s):	Rainwater harvesting plan will be elaborate in Final EIA Report
	Quantity of recharge pits:	02
	Size of recharge pits :	Rainwater harvesting plan will be elaborate in Final EIA Report
	Budgetary allocation (Capital cost) :	08.00 Lacs
	Budgetary allocation (O & M cost) :	0.06 Lacs
	Details of UGT tanks if any :	Under ground tank will be designed . required total area 150 m3 for 5 nos. of tanks



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35.Storm water drainage	Natural water drainage pattern:	Storm water drainage 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:	10 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	15 CMD
	Location & area of the STP:	150 sq.mtr area within Premises
	Budgetary allocation (Capital cost):	08.00 Lac
	Budgetary allocation (O & M cost):	1.1 Lacs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction waste debris
	Disposal of the construction waste debris:	Soil stacked separately will be utilized for plantation, debris will be utilized for land filling, other material will be disposed categorically as per MPCB norms.
Waste generation in the operation Phase:	Dry waste:	Slag, process dust: 30 MTD.
	Wet waste:	Sewage through septic tank
	Hazardous waste:	No any type of hazardous waste is generating in this unit
	Biomedical waste (If applicable):	No
	STP Sludge (Dry sludge):	STP Sludge : 0.5 MTA
	Others if any:	No
Mode of Disposal of waste:	Dry waste:	Sale to Brick Manufacturer
	Wet waste:	No
	Hazardous waste:	No
	Biomedical waste (If applicable):	No
	STP Sludge (Dry sludge):	Sale to Brick Manufacturer /Send to CHWTSDF/Landfilling process
	Others if any:	No
Area requirement:	Location(s):	Near to raw material Storage yard
	Area for the storage of waste & other material:	1000 sq.mtr
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not Applicable
	O & M cost:	Not Applicable
37.Effluent Charecteristics		


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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):		water will be used for only for cooling purpose , so no effluents will be Generated. Water will be cooled and again use for cooling. We are proposed to use new technology for cooling system, dry cooling tower it also reduces water consumption. Domestic waste water will be generated and it will be treat in STP. The treated water will be used for gardening.			
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	Fume Extraction	Electricity	01	45	1.2	40 to 45 degree celsius
2	Existing Rolling Mill	Electricity	01	30	1.2	40 to 45 degree celsius

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Electricity	04 MW	15 MW	19 MW

41.Source of Fuel	MSEDCL
42.Mode of Transportation of fuel to site	MSEDCL

43.Green Belt Development	Total RG area :	33% area will be mark as per norms for green belt development
	No of trees to be cut :	00
	Number of trees to be planted :	1500
	List of proposed native trees :	Neem, Ashoka, Nilgiri, Aapta etc.
	Timeline for completion of plantation :	Within Construction Phase

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

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Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachata Indica	Neem	500	Shady tree ,medicinal use
2	Ficus Religiosa	Peepal	200	semi deciduous
3	Mimusops elengi	Bakul	100	Shady tree ,small white fragrant flowers
4	Mangifera Indica	Mango	300	State Flowers tree of Maharashtra Medium sized tree beautiful purple flowers
5	Bauhinia Racemosa	Aapta	100	Small tree with small white flowers ,butterfly host plant
6	Ziziphus mauritiana	Ber	300	Fast Growing and hardy Plant
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	China rose	2x2	4
2	Garden croton	1x1	1
3	American aloe	2x2	4
4	Black physicnut	3x3	9

47.Energy


Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	1 MW
	DG set as Power back-up during construction phase	500 KVA
	During Operation phase (Connected load):	15 MW
	During Operation phase (Demand load):	Existing : 4 MW & Proposed : 15 MW
	Transformer:	33 KV *3 nos.
	DG set as Power back-up during operation phase:	2 sets of 500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

No

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
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1	No	00		
50.Details of pollution control Systems				
Source	Existing pollution control system	Proposed to be installed		
Existing Rolling Mill	30 meter stack is provided	Scrubber		
Induction Furnace	No	Fume extraction system followed by venturi scrubber with stack height 45 meters		
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	05 Lacs		
	O & M cost:	0.5 Lacs		
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	Particulate Matter	75	
2	Wastewater management	STP	08	
3	solid waste Managment	Solid waste disposal	05	
4	solid waste Managment	Solid waste disposal	05	
5	Monitoring	Environmental parameters to be monitored	03	
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	Pollution Control chimney ,water coiling arrangement insulation etc	75.00	10.00
2	Wastewater management	Wastewater management	08	0.8
3	Green belt	Development of green belt by plantation of 643 plants herbs and shrubs covering 33% area of total area	0.500	2.00
4	Environmental Monitoring and Managment	Air qulaity, Water and wastewater quality, Noise level, soil quality	8.00	9.66
5	Environmental Monitoring and Managment	Air qulaity, Water and wastewater quality, Noise level, soil quality	8.00	9.66
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)				


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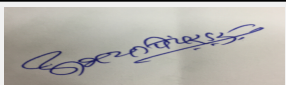
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

52. Any Other Information

No Information Available


53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	The said plot is in MIDC area, Traffic management plan will be elaborate in final EIA report .
Parking details:	Number and area of basement:	Traffic management plan will be elaborate in final EIA report .
	Number and area of podia:	Traffic management plan will be elaborate in final EIA report .
	Total Parking area:	Traffic management plan will be elaborate in final EIA report .
	Area per car:	Traffic management plan will be elaborate in final EIA report .
	Area per car:	Traffic management plan will be elaborate in final EIA report .
	Number of 2-Wheelers as approved by competent authority:	Traffic management plan will be elaborate in final EIA report .
	Number of 4-Wheelers as approved by competent authority:	Traffic management plan will be elaborate in final EIA report .
	Public Transport:	Traffic management plan will be elaborate in final EIA report .
	Width of all Internal roads (m):	Traffic management plan will be elaborate in final EIA report .
	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	3 (a) B1
	Court cases pending if any	No
	Other Relevant Informations	No


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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	03-08-2017

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 for expansion of existing unit. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

Public hearing is applicable.

DECISION OF SEAC

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

PP proposes to install two numbers of 40MT/Heat and one number of 20 MT/Heat of furnace.

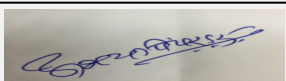
PP to collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017.

Specific Conditions by SEAC:

- 1) PP to submit copy of certificate of incorporation of the company, memorandum of articles, and list of directors.
- 2) PP to submit layout plan showing entry/exit gates, internal road width of six meters with turning radius of nine meters for easy movement of fire tender, 33% green belt, parking area, waste storage areas etc.
- 3) PP to submit structural stability certificate of existing buildings.
- 4) PP to submit detailed water balance, characteristics of inlet and out let effluent parameters and recycle/reuse of treated effluent.
- 5) PP to submit copy of onsite/off site emergency plan and quantitative risk assessment.
- 6) PP to provide lightening arrestors.
- 7) PP to submit commitment to meet the quality of TMT bar as per ISI standards.

FINAL RECOMMENDATION

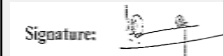
The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

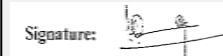


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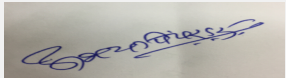
SEAC Meeting number: 143 Meeting Date October 11, 2017

Subject: Environment Clearance for Construction and Operation of Karivane Jetty & Allied facilities for Handling of Mineral Cargo

1.Name of Project	Construction and Operation of Karivane Jetty & Allied facilities for Handling of Mineral Cargo by Ashapura Minechem Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Rajnikant Pajwani
4.Name of Consultant	Building Environment (India) Pvt. Ltd.
5.Type of project	7 (e) Jetty projects
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	Sy. Nos. 17/4/A and 17/5
9.Taluka	Shrivardhan
10.Village	Karivane
Correspondence Name:	Ashapura Minechem Ltd.
Room Number:	D-278
Floor:	3rd
Building Name:	Jeevan Udyog Building
Road/Street Name:	D. N. Road
Locality:	Fort
City:	Mumbai- 400 001
11.Area of the project	Other area
12.IOD/IOA/Concession/Plan Approval Number	Maharashtra Maritime Board IOD/IOA/Concession/Plan Approval Number: NA 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.)	36,550 Sq. mt.
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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.):
19.Total ground coverage (m2)	0
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0
21.Estimated cost of the project	82500000.00


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
2	NA	0	0


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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	Handling of Mineral Cargo	Not Applicable	312500	312500


32.Total Water Requirement

Dry season:	Source of water	Ground Water
	Fresh water (CMD):	12
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0


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Wet season:	Source of water	Ground Water
	Fresh water (CMD):	2
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0

Details of Swimming pool (If any) Not applicable

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	2	2	0	0.4	0	0	1.6	1.6
Gardening	0	10	10	0	10	0	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	0 To 15 m
	Size and no of RWH tank(s) and Quantity:	0
	Location of the RWH tank(s):	0
	Quantity of recharge pits:	0
	Size of recharge pits :	0
	Budgetary allocation (Capital cost) :	0
	Budgetary allocation (O & M cost) :	0
	Details of UGT tanks if any :	NA

35.Storm water drainage	Natural water drainage pattern:	NA
	Quantity of storm water:	0
	Size of SWD:	0

Sewage and Waste water	Sewage generation in KLD:	1.6
	STP technology:	Septic Tank and Soak pit will be provided
	Capacity of STP (CMD):	0
	Location & area of the STP:	0
	Budgetary allocation (Capital cost):	50000
	Budgetary allocation (O & M cost):	10000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	0
	Disposal of the construction waste debris:	0

Waste generation in the operation Phase:	Dry waste:	3.15 kg/day
	Wet waste:	1.35
	Hazardous waste:	200 Lts
	Biomedical waste (If applicable):	0
	STP Sludge (Dry sludge):	0
	Others if any:	0


Mode of Disposal of waste:	Dry waste:	As per Municipal Solid Waste Management Rules
	Wet waste:	As per Municipal Solid Waste Management Rules
	Hazardous waste:	Authorized recycler
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Area requirement:	Location(s):	0
	Area for the storage of waste & other material:	26,800 sq. m.
	Area for machinery:	4050 sq. m.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	0
	O & M cost:	0


37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		0			
Capacity of the ETP:		0			
Amount of treated effluent recycled :		0			
Amount of water send to the CETP:		0			
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 & Spent Oil from HEMM & DG	Sl. No. 5.1	Lts.	NIL	200 L/Year	200 L/year	Authorized recyleres

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	NA	NA	0	0	0	0

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	NA	10 L /day	10 L / day
41.Source of Fuel		Nearby Petrol Pump		
42.Mode of Transportation of fuel to site		by Plastic cans		

43.Green Belt Development

Total RG area :	5700 sq. m.
No of trees to be cut :	0
Number of trees to be planted :	2000 Nos.
List of proposed native trees :	Casurina, Artocarpus-integrifolia, Eugelin-jambolina, Cashew, Mangoe
Timeline for completion of plantation :	2 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	Casurina	Suru	400	Tall growing and wind barrire

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	0	0


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47. Energy

Power requirement:	Source of power supply :	MSEDC
	During Construction Phase: (Demand Load)	Nil
	DG set as Power back-up during construction phase	10 KVA
	During Operation phase (Connected load):	40 KVA
	During Operation phase (Demand load):	750 KVA
	Transformer:	NA
	DG set as Power back-up during operation phase:	25 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Not Applicable

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	0

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Transportation, Loading/ Unloading & Stacking of Minerals	NA	Water sprinkling and covering of Conveying system

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	0
	O & M cost:	0


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	0


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	water sprinkling sytem	12	15


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

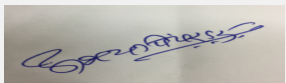
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	300 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:	NA
	Width of all Internal roads (m):	12 m.
	CRZ/ RRZ clearance obtain, if any:	Under process
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	7 (e)
	Court cases pending if any	Nil
	Other Relevant Informations	Not Applicable


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	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 7(e)B1 as per EIA Notification, 2006 for construction and operation of Karivane Jetty and allied facilities for handling of mineral cargo. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

DECISION OF SEAC

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

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

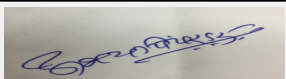
Public hearing is applicable.

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, memorandum of articles and list of directors.
- 2) PP to submit authenticated document showing ownership of land area of 36500 Sq. meters proposed for development.
- 3) PP to obtain CRZ clearance as applicable under appropriate law.
- 4) PP to submit layout plan approved by MMB showing buffer zone from mangroves, width of approach road, width of internal roads, parking area, storage areas, security area etc.
- 5) PP to ensure that all the existing trees and mangroves are kept intact and are not adversely affected due to proposed activity. PP to submit undertaking in this regard.
- 6) PP to ensure to protect the buffer zone as applicable from the nearest sensitive areas like mangroves etc. and use this buffer zone for creation of green belt. PP to ensure that area under buffer zone shall not be used for any storage and development activity.
- 7) PP to submit detailed design of the proposed Jetty approved by MMB.
- 8) PP to submit plan for availability of sustained water supply; If PP proposes to use ground water ; PP to submit NOC obtained from competent authority.
- 9) PP to ensure to include all necessary environment improvement and management actions (conditions stipulated in the prior Environment Clearance letter) in the specifications of the contracts for the project and in the contract agreements, and strictly observe its implementation.
- 10) PP to include qualitative and quantitative socio economic impact of the project in the EIA report.
- 11) PP to include impact of mineral handling on the near by sensitive ecology, water bodies etc. in the EIA report.
- 12) PP to include impact of jetty construction on the creek, water currents and marine ecology in the EIA report.

FINAL RECOMMENDATION


The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.



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143rd Meeting of SEAC-1

SEAC Meeting number: 143 Meeting Date October 11, 2017

Subject: Environment Clearance for Environmental Clearance Proposed Expansion of existing Manufacturing unit of M/s. V.V.L.Pharma Pvt.Ltd. at W-230 G, MIDC, Taloja, Tal Panvel, Dist. Raigad (410208) Maharashtra

1.Name of Project	Proposed Expansion of existing Manufacturing unit of M/s. V.V.L.Pharma Pvt.Ltd. at W-230 G, MIDC, Taloja, Tal Panvel, Dist. Raigad (410208) Maharashtra
2.Type of institution	Private
3.Name of Project Proponent	M/s. V.V.L.Pharma Pvt.Ltd.
4.Name of Consultant	Building Environment (India) Pvt. Ltd.
5.Type of project	Industrial Estate
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	No
8.Location of the project	M/s. V.V.L.Pharma Pvt.Ltd. at W-230 G, MIDC, Taloja, Tal Panvel, Dist. Raigad (410208) Maharashtra
9.Taluka	Panvel
10.Village	Taloja MIDC
Correspondence Name:	M/s. V.V.L.Pharma Pvt.Ltd. at W-230 G, MIDC, Taloja, Tal Panvel, Dist. Raigad (410208) Maharashtra
Room Number:	W-230
Floor:	Ground Floor
Building Name:	--
Road/Street Name:	Near Deepak Fertilizer Ltd.
Locality:	NA
City:	Panvel
11.Area of the project	MIDC
12.IOD/IOA/Concession/Plan Approval Number	Plan Approved from MIDC
	IOD/IOA/Concession/Plan Approval Number: BE/TMJ/SPA/BO5597
	Approved Built-up Area: 1223.50
13.Note on the initiated work (If applicable)	1261.30
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1500.00 sq. mtr
16.Deductions	Not applicable
17.Net Plot area	1500.00 sq.mtr
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1223.5 sq.mtr
	b) Non FSI area (sq. m.): 37.80
	c) Total BUA area (sq. m.): 1261.30
19.Total ground coverage (m2)	630.65
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	42.04
21.Estimated cost of the project	3540000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg.1,1 No.	G+1	8.5 mtr.



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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))	Width of Road - 20 mtr. first right from Deepak Fertilizer & then second left
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	--
29.Existing structure (s) if any	One Building
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	Polymethacrylate Beeds	1.0	-	1.0
2	Phosphoric acid	66.0	-	66.0
3	3,3 Bis (4-hydroxy phenyl)-1-(3H)-(iso Benzofuranon)	5.0	-	5.0
4	Para Hydroxy Acetophenone	-	5.0	5.0
5	2-phenyl Benzimidazole-5-sulphonic acid	-	6.0	6.0
6	Theo bromine	-	5.0	5.0
7	2-Cyano-4-Bromo Methyl Biphenyl (Bromo OTBN)	-	5.0	5.0
8	o-benzyl salbutamol	-	5.0	5.0
9	3-hydroxy Acetophenone	-	5.0	5.0
10	Albendazole	-	3.0	3.0
11	Triclabendazole	-	2.0	2.0
12	2,3,4 Trimethoxy Benzaldehyde	-	6.0	6.0
13	[2,6-dimethoxy-4-[(Z)-(4-pyridin-2-yl)piperazin-1-yl]iminomethyl]phenyl] acetate (Toldimphos sodium)	-	1.0	1.0
14	4-methoxy Propiophenone	-	2.5	2.5
15	Metformin hydrochloride	-	40.0	40.0
16	Piperazine Hydrochloride	-	4.0	4.0
17	Etofylline	-	3.0	3.0
18	2-Amino 3, 5 Dibromo Benzaldehyde	-	2.0	2.0
19	Cistosylate	-	5.0	5.0
20	Lumefantrine	-	6.0	6.0
21	4-methoxy Propiophenone	-	2.5	2.5
22	Telmisartan	-	3.0	3.0
23	Oxyfendazole	-	2.0	2.0
24	Alpha Pinene Epoxide	-	40.0	40.0
25	Nitroxynil	-	2.0	2.0
26	Salbutamol Sulphate	-	4.0	4.0
27	6-Chloro-5(2,3-dichlorophenoxy) 1H- benzimidazole-2-thiol	-	2.0	2.0
28	Cis-Imidazole alcohol	-	4.0	4.0


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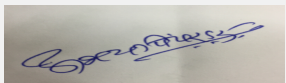
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29	Ethyl Hexyl Triazone	-	5.0	5.0
30	Tritylchloride	-	3.0	3.0
31	Parabromo Benzaldehyde	-	5.0	5.0
32	Imidazole	-	4.5	4.5
33	3,4 Dihydroxy 5-Nitro Benzaldehyde	-	2.5	2.5
34	2-bromanylbenzoate	-	3.5	3.5
35	methyl N-(6-phenylsulfanyl-1H-benzimidazol-2-yl)carbamate	-	1.5	1.5
36	4-(3-Aminobutyl) phenol	-	4.0	4.0
37	Cyromazine	-	2.0	2.0
38	Organic & inorganic chemicals	-	5.0	5.0
39	Bromo hexane hydrochloride	-	4.0	4.0
40	Ricobendazole	-	2.0	2.0
41	3,4 Dichlorophenyl-3-4 Dihydro 1,2H Napthalenone	-	8.0	8.0
42	Nitroxylin	-	2.0	2.0


32.Total Water Requirement

Dry season:	Source of water	MIDC
	Fresh water (CMD):	60.00
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	60.00
	Fire fighting - Underground water tank(CMD):	60.00
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	Not applicable
Wet season:	Source of water	MIDC
	Fresh water (CMD):	60.00
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	60.00
	Fire fighting - Underground water tank(CMD):	60.00
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	Not applicable
Details of Swimming pool (If any)	NA	


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33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Industrial Process	18	30	48	9	15	24	9	15	24
Cooling tower & thermopack	2	2	4	0.5	0.5	1.0	-	-	-
Domestic	3	1	4	0.5	0.5	1.0	-	-	-
Gardening	2	2	4	-	-	-	-	-	-

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	--
	Size and no of RWH tank(s) and Quantity:	5000 Lit capacity HDPE tank for storage of RWH
	Location of the RWH tank(s):	Near ETP Side
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	0.10 Lakh
	Budgetary allocation (O & M cost) :	0.01 Lakh
	Details of UGT tanks if any :	2 Tanks - One is for MIDC Water storage tank and another is for Fire Hydrant system.

35.Storm water drainage	Natural water drainage pattern:	SWD has been provided along the periphery of site
	Quantity of storm water:	-
	Size of SWD:	600 mm X 600 mm


Sewage and Waste water	Sewage generation in KLD:	The Septic Tank followed by Soak pit has been provided
	STP technology:	--
	Capacity of STP (CMD):	--
	Location & area of the STP:	16.00 sq. mtr west side of the company
	Budgetary allocation (Capital cost):	4.5 Lakh
	Budgetary allocation (O & M cost):	0.48 Lakh



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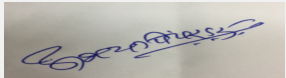
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36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Yes, generated
	Disposal of the construction waste debris:	We have used debris for land filling purpose
Waste generation in the operation Phase:	Dry waste:	3.0 kg per day
	Wet waste:	2.0 kg per day
	Hazardous waste:	0.78 MT/A
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	0.78 MT/A ETP Sludge
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	by hand send to Mumbai waste management
	Wet waste:	by hand send to Mumbai waste management
	Hazardous waste:	will be disposed through CHWTSDF, Talaja
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	ETP sludge will be disposal through CHWTSDF, Talaja
	Others if any:	Not Applicable
Area requirement:	Location(s):	Not Applicable
	Area for the storage of waste & other material:	Scrap yard Near ETP
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	0.50 Lakh
	O & M cost:	0.01 Lakh


37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	8.25	6.62	5.5-8.5
2	Suspended Solids	mg/l	120	62	100.00
3	BOD	mg/l	--	--	100.00
4	COD	mg/l	5493	948	250.00
5	Oil & Grease	mg/l	--	--	10.00
6	Chloride (as Cl)	mg/l	--	--	600.00
7	Sulphate (as SO4)	mg/l	--	--	1000.00
8	TDS	mg/l	--	--	2100.00
Amount of effluent generation (CMD):		24.00			
Capacity of the ETP:		45.00			
Amount of treated effluent recycled :		Not Applicable			
Amount of water send to the CETP:		22.00			
Membership of CETP (if require):		CETP Membership Obtained			


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Note on ETP technology to be used	1. Removal of Oil & Grease 2. Neutralization by Acid/alkali 3. Reduction of COD by Aeration & Bio degradation 4. Removal of TSS by settling in separation tank 5. drain treated effluent to CETP pipe line
Disposal of the ETP sludge	ETP sludge will be disposal through CHWTSDF, Taloja

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP sludge	HW	MT/A	0.18	0.60 MT/A	0.78 MT/A	To Mumbai waste management
2	ETP sludge	HW	MT/A	0.06 x 3	--	0.18 MT	To Mumbai waste management
3	ETP sludge	HW	MT/A	--	0.015 x 39	0.60 MT/A	To Mumbai waste management

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	FO/LDO	1	18.00	0.30	200
2	Scrubber	Caustic Solution	1	10.00	0.25	40
3	D.G Set	Diesel	1	2.24	0.15	185

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	F.O	4.00 KL	10.00 KL	14.00 KL
2	L.D.O	2.00 KL	5.00 KL	7.00 KL

41.Source of Fuel	HPCL
42.Mode of Transportation of fuel to site	By Road transport through Tanker


43.Green Belt Development	Total RG area :	35.00 sq.mtr
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	12 Nos. of Trees
	List of proposed native trees :	List attached
	Timeline for completion of plantation :	Already done

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	Mango	Mangifera indica	2	fruit Bearing Trees
2	Peepal Tree	Ficus religiosa	2	Evergreen tree
3	Chafa	Michelia champaca	2	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
4	Coconut	Cocos nucifera	2	fruit Bearing Trees
5	jamun	Syzyum cumini	2	fruit Bearing Trees


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6	Neem	Azadirachta indica	2	Evergreen Tree
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 :	MSEDCL		
	During Construction Phase: (Demand Load)	50.25 Kw		
	DG set as Power back-up during construction phase	1 DG of 125 KVA installed on site		
	During Operation phase (Connected load):	275.54 kw		
	During Operation phase (Demand load):	160.25 kw		
	Transformer:	250 kw		
	DG set as Power back-up during operation phase:	110 KVA		
	Fuel used:	Diesel		
	Details of high tension line passing through the plot if any:	NA		
48.Energy saving by non-conventional method:				
1. 4 capacitor in main panel board for control power factor 2. 100 CFL bulb applied in hundey to save electricity 3. VFD (variable frequency device) to control speed as well as electricity.				
49.Detail calculations & % of saving:				
Serial Number	Energy Conservation Measures	Saving %		
1	4 capacitor in power supply panel board and 100 CFL bulb in plant and 5 VFD s applied for centrifuge and reactor motor to control electricity	Capacitor=4 + CFL blub=100 Nos + VFD=5 Nos		
50.Details of pollution control Systems				
Source	Existing pollution control system	Proposed to be installed		
Process Reactor	Alkali scrubber	--		
Effluent	ETP of 15.00 KLD Capacity	ETP Capacity to be increased by 30.00 KLD & Total Capacity of 45.00 KLD		
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	4.85 Lakh		
	O & M cost:	0.25 Lakh		


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51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Budgetary Allocation	Capital+Operation & Maintenance Cost	27.202 Lakh

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	ETP	45 KLD capacity	15.0 Lakh	2.0 Lakh
2	RWH	1 PVC Tank of 5000 lt	0.50 Lakh	0.20 Lakh
3	Air Pollution Control System	Scrubber system provided	3.5 Lakh	1.2 Lakh
4	Septic tank & Soak Pits	16.5 sq. m area acquired	4.5 Lakh	0.48 Lakh
5	Noise pollution control	----	-----	-----
6	Green Belt Development/ Maintenances	35.0 sq m area acquired	-----	0.60 Lakh
7	Environmental monitoring / Environmental Management	Equipments	3.5 Lakh	1.2 Lakh
8	Occupational health & safety	Medicines,PPES fire extinguishers & fire hydrant system	18.0 Lakh	2.5 Lakh

51.Storage of chemicals (inflammable/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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

52.Any Other Information

No Information Available


53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1
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Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	25.00 sq.mtr
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	5 Nos.
	Number of 4-Wheelers as approved by competent authority:	2 Nos.
	Public Transport:	--
	Width of all Internal roads (m):	--
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	--
	Category as per schedule of EIA Notification sheet	B
	Court cases pending if any	Yes; A case has been filed by MPCB under Section 15 & 16 of Environment (Protection Act.), 1986 in the Court of First Judicial Magistrate at Panvel on 02.03.2017 as regular criminal case number 136 of 2017.
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

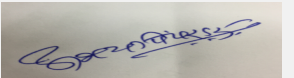
Brief information of the project by SEAC

PP remained absent.

DECISION OF SEAC


SEAC-1 decided to defer the proposal till PP requests for reconsideration.

Specific Conditions by SEAC:


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FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days


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143rd Meeting of SEAC-1


SEAC Meeting number: 143 Meeting Date October 11, 2017

Subject: Environment Clearance for Environmental Clearance for Proposed MS Billets (1,000 MTD) & Expansion of TMT Bars (77 MTD to 1,000 MTD) Manufacturing Unit

1.Name of Project	M/s. Ganraj Ispat Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Gaurav Pramod Dugad
4.Name of Consultant	M/s. Mantras Green Resources Ltd.,Nashik
5.Type of project	Industrial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project for Billet Manufacturing (Existing Rolling Mill)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not required for Existing Rolling Mills
8.Location of the project	A-3,Supa MIDC
9.Taluka	Parner
10.Village	Supa
11.Area of the project	MIDC Supa
12.IOD/IOA/Concession/Plan Approval Number	MIDC
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 19228
13.Note on the initiated work (If applicable)	Existing Rolling Mill Shed ,Open land is available for proposed project
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC Supa
15.Total Plot Area (sq. m.)	419498
16.Deductions	Not applicable
17.Net Plot area	419498
18.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
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	1200000000


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)			


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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	Rolling Mill Shed
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	MS Billets	00	30,000	30,000
2	MS TMT Bars	2310	27690	30,000


32.Total Water Requirement

Dry season:	Source of water	Supa MIDC
	Fresh water (CMD):	100
	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


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Wet season:	Source of water	Supa MIDC
	Fresh water (CMD):	100
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	10	3	13	02	01	03	07	03	10
Industrial Process	00	30	30	00	09	09	00	21	21
Cooling tower & thermopack	05	57	62	1.5	16.5	18	3.5	35.5	39
Gardening	07	03	10	02	01	03	07	03	10

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Rain Water Harvesting Plan is proposed
	Size and no of RWH tank(s) and Quantity:	As per designed
	Location of the RWH tank(s):	In Premises
	Quantity of recharge pits:	02
	Size of recharge pits :	As per designed
	Budgetary allocation (Capital cost) :	08.00 Lacs
	Budgetary allocation (O & M cost) :	0.06 Lacs
	Details of UGT tanks if any :	Under ground tank will be designed . required total area 150 m3 for 5 nos. of tanks



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35.Storm water drainage	Natural water drainage pattern:	No
	Quantity of storm water:	No
	Size of SWD:	No
Sewage and Waste water	Sewage generation in KLD:	10 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	15 CMD
	Location & area of the STP:	150 sq.mtr area within Premises
	Budgetary allocation (Capital cost):	08.00 Lac
	Budgetary allocation (O & M cost):	1.1 Lacs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	No
	Disposal of the construction waste debris:	Not Applicable
Waste generation in the operation Phase:	Dry waste:	Slag & Process Dust : 30 MTD
	Wet waste:	No
	Hazardous waste:	No
	Biomedical waste (If applicable):	No
	STP Sludge (Dry sludge):	STP Sludge : 0.5 MTA
	Others if any:	No
Mode of Disposal of waste:	Dry waste:	Sale to Brick Manufacturer
	Wet waste:	No
	Hazardous waste:	No
	Biomedical waste (If applicable):	No
	STP Sludge (Dry sludge):	Sale to Brick Manufacturer /Send to CHWTSDF/Landfilling process
	Others if any:	No
Area requirement:	Location(s):	Near to raw material Storage yard
	Area for the storage of waste & other material:	1000 sq.mtr
	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		


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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	Fume Extraction	Electricity	01	45	1.2	40 to 45 degree celsius
2	Existing Rolling Mill	Electricity	01	30	1.2	40 to 45 degree celsius

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Electricity	04	15	19

41.Source of Fuel

MSEDCL

42.Mode of Transportation of fuel to site


MSEDCL

43.Green Belt Development

Total RG area :	33% area will be mark as per norms for green belt development
No of trees to be cut :	00
Number of trees to be planted :	1500
List of proposed native trees :	Neem, Ashoka, Nilgiri, Aapta etc.
Timeline for completion of plantation :	Within Construction 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	Azadirachata Indica	Neem	500	Shady tree ,medicinal use
2	Saraca asoka	Ashoka	200	Shady tree with red-yellow flowers


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3	Mimusops elengi	Bakul	100	Shady tree ,small white fragrant flowers
4	Mangifera Indica	Mango	300	State Flowers tree of Maharashtra Medium sized tree beautiful purple flowers
5	Bauhinia Racemosa	Aapta	100	Small tree with small white flowers ,butterfly host plant
6	Ziziphus mauritiana	Ber	300	Fast Growing and hardy Plant
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	No	No	No

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	1 MW
	DG set as Power back-up during construction phase	500 KVA
	During Operation phase (Connected load):	15 MW
	During Operation phase (Demand load):	Existing : 4 MW & Proposed : 15 MW
	Transformer:	33 KV *3 nos.
	DG set as Power back-up during operation phase:	2 sets of 500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:


No

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	No	00

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Existing Rolling Mill	30 meter stack is provided	Scrubber
Induction Furnace	No	Fume extraction system followed by venturi scrubber with stack height 45 meters


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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	05 Lacs
	O & M cost:	0.5 Lacs

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 device chimney ,water cooling arrangement insulation etc	75
2	Wastewater management	STP	08
3	solid waste disposal	Solid west disposal	05
4	Green belt	Development of green belt by plantation of 1500 plants herbs and shrubs covering 33% area of total area	15
5	Monitoring	Environmental parameters to be monitored	03
6	Environmental cell	Management of environment by environment management department	05

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	Pollution Control chimney ,water coiling arrangement insulation etc	75.00	10.00
2	Wastewater management	Wastewater management	08	0.8
3	Green belt	Development of green belt by plantation of 643 plants herbs and shrubs covering 33% area of total area	0.500	2.00
4	Monitoring	Environmental parameters to be monitored	3.00	2.00
5	Environmental cell	Management of environment by management department	5.00	3.00


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



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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	3 (a) B1
	Court cases pending if any	No
	Other Relevant Informations	No


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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	03-08-2017

Brief information of the project by SEAC

DECISION OF SEAC

PP requested to delist the application.

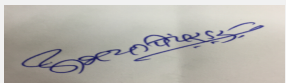
On request of PP SEAC-1 decided to delist the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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


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