174th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 174th - Day-2 **Meeting Date** January 3, 2020

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

Is a Violation Case: No

1.Name of Project	Satuk Manganese Mine
2.Type of institution	Government
3.Name of Project Proponent	M/s MOIL Limited
4.Name of Consultant	Wolkem India Limited ,Udaipur ,Rajasthan
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Topo sheet No 55 O/7
9.Taluka	Parseoni
10.Village	Satuk
Correspondence Name:	Mr. Dipanker Shome
Room Number:	NA
Floor:	NA
Building Name:	MOIL Bhawan
Road/Street Name:	1-A ,Katol Road,
Locality:	Katol Road
City:	Nagpur
11.Whether in Corporation / Municipal / other area	Not applicable
12.IOD/IOA/Concession/Plan Approval Number	Approved Mining plan with PMCP
	IOD/IOA/Concession/Plan Approval Number: Mining Plan and Progressive Mining Closure Plan under Rule 16 (1) of MCR, 2016 and Rule 23 B of MCDR 1988 in respect of an area over 5.62 ha in village Satuk is approved by Regional Controller, Nagpur Region, IBM vide letter no. NGP/MN/MPLN-1172/NGP-2016 on dated 9.08.2016.
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	The LOI for Mining Lease has been granted to MOIL over an area of 5.62 ha in village Satuk, Tah.: Parseoni of Dist: Nagpur of Maharashtra State by Government of Maharashtra vide letter number MMN-0216/L. No. 21/Industry-9, Mumbai dated 06.04.2016.
15.Total Plot Area (sq. m.)	5.62 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	5500000

22.Number of buildings & its configuration

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

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

31.Production Details

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

32.Total Water Requirement

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

33.Details of Total water consumed

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

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

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

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Amount of effluent generation (CMD):	Not applicable
Capacity of the ETP:	Not applicable
Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0	As per requirement	As per requirement

41.Source of Fuel	Provide by Authorized person
42.Mode of Transportation of fuel to site	Trucks

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

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

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

45.Total quantity of plants on ground

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

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

47.Energy

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

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Pollution Control	Garland Drain, Water sprinkler, retaining walls)	4.0	1.0

2	Pollution Monitoring	Air, soil, Water, Noise	5.0	1.0
3	Occupational Health	Medical check	10.0	2.0
4	Green Belt	Plantation	5.0	1.0

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable
Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Not applicable
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Not applicable
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	Category B-1, Project activity -1(a)

	Court cases pending if any	NO
	Other Relevant Informations	The proposed Manganese mining area of 5.62 Hectare (ha) in Village: Satuk, Tahsil: Parseoni, Distt; Nagpur- Maharashtra State has been granted lease to M/s. MOIL Limited., for a period of 50 years approved by Regional Controller, Nagpur Region, IBM vide letter no. NGP/MN/MPLN-1172/NGP-2016 on dated 9.08.2016. The proposed manganese ore production is 7700 Tonnes (TPA) ROM. The mining is Opencast mining. The region has good deposits of Manganese and has major demand in Steel Industry. The location advantage of the mine makes it possible to dispatch the Manganese in all the directions giving easy accessibility to the market.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

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

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

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

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

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

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

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

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

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

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

Now PP submitted EIA/EMP report for appraisal.

DECISION OF SEAC

During deliberations, it was observed that, PP was not having adequate and appropriate information to present before the commottee.

In view of above, SEAC-1 decided to defer the proposal till PP is ready with the information.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Subject: Environment Clearance for Environmental Clearance for Industrial Project for Manufacturing Molten Steel, Ingots and Billets, 130000 MT/A

Is a Violation Case: No

1.Name of Project	M/s Jaideep Metallics & Alloys Private Limited
2.Type of institution	Private
3.Name of Project Proponent	Manohar Lal Singhania
4.Name of Consultant	Creative Enviro Services
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gut No. - 78(P) & Gut No. 79 , Village Lakhmapur,
9.Taluka	Wada
10.Village	Lakhmapur
Correspondence Name:	Mr. Ajay Kumar Lalgarhia, M/s Jaideep Metallics & Alloys Private Limited
Room Number:	108
Floor:	1st floor
Building Name:	Neha Industrial Estate , Behind CCI Ltd.
Road/Street Name:	Off. Dattapada Road
Locality:	Borivali (East)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Group Grampanchayat Jamghar-Lakhmapur
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 1755.85
13.Note on the initiated work (If applicable)	Construction of factory shed has been stared, as Consent for Establishment of the industry for production capacity 28500 MT/A has been obtained from MPCB.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	6000 sqm
16.Deductions	2097.79 sqm
17.Net Plot area	3902.21 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.): 1755.85
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	300000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	FACTORY SHED	121	21

23.Number of tenants and shops	NA
24.Number of expected residents / users	150
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)	20 Mtrs
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	Molten Steel , Ingots , Billets	-	130000 MT/A	130000 MT/A

32.Total Water Requirement

Dry season:	**Source of water**	Ground water and from Private Tankers, RWH Pit
	Fresh water (CMD):	80
	Recycled water - Flushing (CMD):	5
	Recycled water - Gardening (CMD):	6
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	120 CMD
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	10 CMD
	Excess treated water	0
Wet season:	**Source of water**	Ground water , RWH Pit
	Fresh water (CMD):	80
	Recycled water - Flushing (CMD):	5
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	114 CMD
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	10 CMD
	Excess treated water	0
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	-	10	10	-	1.5	1.5	-	8.5	8.5
Industrial Process	-	24	24	-	6	6	-	18	18
Cooling tower & thermopack	-	80	80	-	-	80	-	0	0
Gardening	-	6	6	-	6	6	-	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	200 Mtrs
	Size and no of RWH tank(s) and Quantity:	10m x 10mx 10m - 1 Nos.
	Location of the RWH tank(s):	Near Factory gate
	Quantity of recharge pits:	2 Nos.
	Size of recharge pits :	3m x 3m x 3m
	Budgetary allocation (Capital cost) :	200000/-
	Budgetary allocation (O & M cost) :	10000/-
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	Strome water drains will be constructed as per level of plot.
	Quantity of storm water:	Will be elaborated in EIA report
	Size of SWD:	Will be elaborated in EIA report
Sewage and Waste water	**Sewage generation in KLD:**	8.5
	STP technology:	Extended aeration system
	Capacity of STP (CMD):	STP - 1 No., Capacity - 10 KLD
	Location & area of the STP:	Near HT Switch Yard, area - 20 sqm
	Budgetary allocation (Capital cost):	25.0 Lakhs
	Budgetary allocation (O & M cost):	3.0 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Construction waste debris
	Disposal of the construction waste debris:	re used at site
Waste generation in the operation Phase:	**Dry waste:**	80 kd/day
	Wet waste:	50 kg/day
	Hazardous waste:	Used oil - 20 Lit/ M
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	2.0 kg/day
	Others if any:	Slag - 30 TPD

Mode of Disposal of waste:	**Dry waste:**	Handed over to Authorized vendors
	Wet waste:	making vermi compost
	Hazardous waste:	Authorized Recyeler
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	Slag shall be used for road construction.
Area requirement:	**Location(s):**	Within Plant
	Area for the storage of waste & other material:	100 sqm
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	15.0 Lakh
	O & M cost:	100000 Lakh

37.Effluent Charecterestics

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

Amount of effluent generation (CMD):	NA
Capacity of the ETP:	NA
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	NA
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil	5.1	Liters	-	20	20	Authorized Recycler

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Induction Furnace	Electricity	1	30	1.6	92 degree Centigrade

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Electricity	-	14000 KVA	14000 KVA

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

43.Green Belt Development	**Total RG area :**	33% of total plot area
	No of trees to be cut :	0
	Number of trees to be planted :	400
	List of proposed native trees :	Ashoka, Kadamb, Mango, Neem, and other native species
	Timeline for completion of plantation :	within 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	Saraca asoca	Ashok	100	Deciduous
2	Neolamarkia Cadamba	Kadamb	100	Tropical fruit tree, bird attracting
3	Mangifera indica	Mango	100	Semi Deciduous
4	Azadirachta indica	Neem	100	Deciduous
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 :**	MSEDCL
	During Construction Phase: (Demand Load)	150 KVA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	14000 KVA
	During Operation phase (Demand load):	15000 KVA
	Transformer:	Yes
	DG set as Power back-up during operation phase:	1 Nos. x 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
Induction Furnace	-	Fume Extraction System, Bag Filter & Stack

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution	PM	Rs. 1.0 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	Air Pollution Control	FES, Bag filter	100.0	3.0
2	Water Pollution Control	STP	25.0	3.0
3	Solid Waste Management	Handling and disposal	15.0	1.0
4	Green Belt	Plantation	2.0	0.5
5	Environmental Monitoring	Air Quality, Stack Monitoring, Waste water quality , Noise level , soil quality	-	3.0

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:	one Junction at Wada Road

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	150 sqm
	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:	10-12 trucks per day will be operated during operation phase.
	Width of all Internal roads (m):	12 Mtrs
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	3(a)
	Court cases pending if any	No
	Other Relevant Informations	The unit has obtained Consent to establish from MPCB for production capacity of 28500 MT/A, and construction work for installation of one induction furnace is under process. Here we are submitting the application for approval of TOR for production capacity of 130000 MT/A to produce Molter Steel , Ingots & Billets. The cost of the project for would be Rs. 30.0 Crores.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	No waste water generates from the process. PP to provide STP for the treatment of domestic sewage.
Drainage pattern of the project	PP considered the contour levels while designing the drainage.

Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits.
Solid Waste Management	PP proposes to sale hazardous waste to the Authorized recycler and waste slag will be used for road construction after crushing.
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site. PP to provide bag filters to control the air pollution.
Energy Management	The electrical demand for proposed project is 15000 KVA, which will be supplied by MSEDCL. PP also proposes to install one DG set of capacity 500 KVA with HSD as a fuel.
Traffic circulation system and risk assessment	PP proposes to provide six meter wide internal roads with nine meter wide turning radius.
Landscape Plan	PP proposes 33% green belt within the premises.
Disaster management system and risk assessment	PP prepared On site emergency plan to handle the emergency situations.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP prepared EMP cost of Rs.1.00 Lakh during construction phase and 142.00 Lakh as capital cost and Rs. 10.50 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 3(a)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 149th meeting of SEAC-1 held on 05.04.2018 wherein ToR was granted to the PP along with following additional points,

Public Hearing was conducted on 04.01.2019.

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

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

2. PP to submit lay out plan showing entry/exit gates, internal road of minimum width six meters and turning radius of nine meters, location of all pollution control equipment, solid waste storage areas, parking areas, 33% green belt, rain water harvesting etc.

3. PP to carry out life cycle analysis of the activities proposed on site with respect to the sustainability index, green house and ozone depletion potential, mass energy balance calculation etc.

4. PP to include details of generation of solid waste like slag, ash etc., its storage and disposal mechanism in the EIA report.

5. PP to carry out Risk Assessment and submit Disaster Management Plan.

6. PP to submit details of CSR plan prepared in consultation with district authorities along with its time bound implementation schedule. PP to maintain separate account for CSR funds.

7. PP to obtain permission from competent authority for using ground water.

8. PP to include details of use of non conventional energy in the EIA report.

9. PP to submit detailed calculation for rain water harvesting.

10. PP to provide lightening arrestor.

PP submitted the EIA/EMP reprot for appraisal in 168th meeting of SEAC-1 wherein the proposal was deferred on PP's request.

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to explore possibility to store scrap and waste slag on other plot so as to create more space for existing activities.
2) PP to implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
3) PP to monitor carbon and water foot print on yearly basis and include targets in the Management Plan.
4) PP to provide new and renewable energy for illumination of office building , street lights and parking area.

FINAL RECOMMENDATION

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

Subject: Environment Clearance for It is proposed to expand the production capacity of M.S. Billets from 23,100 TPA to 1,45,200 TPA; TMT Bars from 60,000 TPA to 1,44,000 TPA; M.S. Pipes from 30,000 TPA to 96,000 TPA

Is a Violation Case: No

1.Name of Project	M/s. Diwanka Energy Private Limited
2.Type of institution	Private
3.Name of Project Proponent	Priyank Diwanka
4.Name of Consultant	Pollution And Ecology Control Services
5.Type of project	Industry Project
6.New project/expansion in existing project/modernization/diversification in existing project	New/Expansion project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	At Survey no. 149,150,151
9.Taluka	Mouda
10.Village	Lapka
11.Whether in Corporation / Municipal / other area	Lapka Gram Panchayat in Nagpur Metro Region Development Authority
12.IOD/IOA/Concession/Plan Approval Number	The layout plan for expansion phase will be approved by Nagpur Metro Region Development Authority. in addition to existing shed of about 4000 sq.m. another shed of about 4000 to 5000 sq.m. will be constructed.
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 4000
13.Note on the initiated work (If applicable)	Not Applicable, work will be initiated after receipt of Environmental Clearance & Consent to Establish
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	44,400.00 sq mt
16.Deductions	In internal road, open space, margin from boundary wall & plantation.
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 4000
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not Applicable
21.Estimated cost of the project	750000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	One industrial shed area	1	15 Mtr.

23.Number of tenants and shops	Not applicable

24.Number of expected residents / users	About 340-350 no. users including worker & staff after expansion.
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)	10 m approach road form NH-6 (30 m. Wide)
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Possibility will be explored to maintain minimum turning radius of 6 mtr.
29.Existing structure (s) if any	Existing Industrial shed where Induction Furnace, Rolling Mill and Tube Mill are installed. Proposed expansion will be carried out in existing shed and additional shed by installing additional furnace of 1 x 7 TPH & 2 x 15 TPH and 2 no. of Rolling Mill and 7 no. of Tube Mill.
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	M. S. Billets	1925	10175	12100
2	TMT Bars	5000	7000	12000
3	M.S. Pipes	2500	5500	8000

32.Total Water Requirement

Dry season:	**Source of water**	Ground Water
	Fresh water (CMD):	101
	Recycled water - Flushing (CMD):	5.5
	Recycled water - Gardening (CMD):	8.0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	170
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	00

Wet season:	**Source of water**	Ground Water
	Fresh water (CMD):	101
	Recycled water - Flushing (CMD):	5.5
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	162
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	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)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	2.5	12.5	15	0.5	2.5	3.0	2.0	10.0	12.0
Industrial Process	20	47	67	4	9	13	16	38	54
Cooling tower & thermopack	23	57	80	23	57	80	00	00	00
Gardening	1.0	7.0	8.0	1.0	7.0	8.0	00	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Pre Monsoon 2.5-5.0 bgl , Post Monsoon 2.0-4.50 bgl.
	Size and no of RWH tank(s) and Quantity:	Will be elaborated in final EIA report.
	Location of the RWH tank(s):	Will be elaborated in final EIA report.
	Quantity of recharge pits:	Will be elaborated in final EIA report.
	Size of recharge pits :	Will be elaborated in final EIA report.
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	A underground tank is there for fire fighting as per norms. Additional tank if required will be constructed.

35.Storm water drainage	**Natural water drainage pattern:**	Storm water drain will be constructed around the plant area
	Quantity of storm water:	Will be elaborated in final EIA report.
	Size of SWD:	Will be elaborated in final EIA report.
Sewage and Waste water	**Sewage generation in KLD:**	12 KLD
	STP technology:	MBBR Technology packaged type.
	Capacity of STP (CMD):	1 No. 15 KLD capacity
	Location & area of the STP:	Within the plot area
	Budgetary allocation (Capital cost):	Rs. 20 Lacs
	Budgetary allocation (O & M cost):	Rs. 2.0 Lacs per annum

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Construction waste debris
	Disposal of the construction waste debris:	will be utilized in making of internal road
Waste generation in the operation Phase:	**Dry waste:**	Slag , Tail cuttings & Fly Ash
	Wet waste:	NA
	Hazardous waste:	Used Oil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Yes
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	Slag will be used for Hardening of working area, internal road, brick manufacturers, Concreting and Tail Cuttings will be recycled and reused in the Induction Furnace. Fly ash will be sold to brick manufacturer.
	Wet waste:	NA
	Hazardous waste:	Used oil will be sold to authorized recycler vendor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	NA
Area requirement:	**Location(s):**	Within a Plant Boundary
	Area for the storage of waste & other material:	About 600 - 700 sq. m. will be reserved for storing slag, tail cutting and fly ash.
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		54 KLD			
Capacity of the ETP:		60 KLD			
Amount of treated effluent recycled :		54 KLD			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		Settling tank will be constructed for treatment of waste water			
Disposal of the ETP sludge		NA			

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Induction Furnace	Electricity	1	30	1.6	50 degree centigrade

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Electricity	2 Mw	20 Mw	22 Mw
2	Coal	NA	12000 TPA	12000 TPA
41.Source of Fuel		Electricity from State Electricity Board and Coal from local suppliers		
42.Mode of Transportation of fuel to site		Electricity form transmission line and Coal by tarpaulin covered trucks.		

43.Green Belt Development

Total RG area :	33 % of the total plot area
No of trees to be cut :	00
Number of trees to be planted :	till date about 50 nos. trees are planted and 750 nos. of plant to be planted
List of proposed native trees :	Ashoka, Peepal, Gulmohar, Neem
Timeline for completion of plantation :	NA

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saraca Asoca	Ashoka	200	deciduous
2	Ficus Religiosa	Peepal	200	semi-deciduous

3	Delonix Regia	Gulmohar	200	semi-deciduous
4	Azardirachta indica	Neem	200	semi-deciduous
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 :**	State Electricity Board
	During Construction Phase: (Demand Load)	Maximum 100 KVA
	DG set as Power back-up during construction phase	Nil
	During Operation phase (Connected load):	22 MW
	During Operation phase (Demand load):	20 MW
	Transformer:	Yes
	DG set as Power back-up during operation phase:	NA
	Fuel used:	Electricity & Coal, in entire process electricity is main fuel.
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Possibilities will be explore to minimize the power consumption by adopting best possible process, equipment etc.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Induction Furnace and Rolling mill	Bag Filters and Fume extraction system	Proposed to be Installed Wet scrubbers and Bag Filters

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

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	Wet Scrubber, Bag Filters, Water Sprinkler System	Rs.40 Lac	Rs.4 Lac
2	Water Pollution Control	STP & ETP	Rs.20 lac and Rs.10 Lac	Rs.2 lac and Rs.1 Lac
3	Solid Waste Management	Handling and Disposing	Rs.10 lac	Rs.3 lac
4	Green Belt	Plantation	Rs.5 Lac	Rs.0.5 Lac
5	Environmental Monitoring	Air quality, Water and Wastewater Quality, Noise levels, Soil quality	--	Rs.5 Lac

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The proposed site is located about 200 m away from NH-6 of 30 m. width.

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	5328 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:	35 to 40 trucks/day will be operated after commissioning of proposed unit for transportation of raw material and finished product.
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	3(a)
	Court cases pending if any	NA
	Other Relevant Informations	Application for the TOR
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable

Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 3(a)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR isused by MoEF & CC published in April, 2015. PP has obtianed earleir EC vide No. SEAC-2016/CR-242/TC-1 dated 12.05.2017.

Public Hearing is applicable as per EIA Notification, 2006.

The propoal was considered in the 140th meeting of SEAC-1 held on 20.07.2017 wherein ToR was granted to the PP for the preparation EIA/EMP report.

DECISION OF SEAC

PP remained absent.

Hence, deferred.

Specific Conditions by SEAC:

1) PP to submit lay out plan showing internal roads, location of pollution control equipment, parking areas, 33% green belt, rain water harvesting etc.
2) PP to submit their plan for sustained water supply either from MIDC or from rain water harvesting along with calculations.
3) PP to submit slag disposal plan.
4) PP to submit their plan for reuse, recycle, disposal of fly ash.
5) PP to submit copy of on site/ off site emergency plan.
6) PP to carry out life cycle analysis to identify sustainability index, ozone depletion and green house potential.
7) PP to submit details of proposed CSR activities in consultation with the district collector.
8) PP to submit Traffic Impact Study commenting on existing traffic in side and out side, proposed traffic increase and its impact of near by road and mitigation measures.

FINAL RECOMMENDATION

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

174th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 174th - Day-2 **Meeting Date** January 3, 2020

Subject: Environment Clearance for Environment and CRZ clearance for proposed expansion of multipurpose terminal "United Dockyard" with jetty for cargo handling and ship repair facility using floating dry dock at S. No. 41 & 42, H. No. 18 & 19/1, village Katale (Jaigad creek), Tal Guhagar, Dist. Ratnagiri, Maharashtra by M/s. Marine Syndicate Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	Expansion of Multipurpose Terminal "United Dockyard"
2.Type of institution	Private
3.Name of Project Proponent	Mariner, Dilip Bhatkar, M/s. Marine Syndicate Pvt. Ltd.
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Expansion of Multipurpose Terminal. The expansion is proposed for: • Cargo handling capacity: upto 0.2 MTPA (including coal), • Repair of 24 to 30 small ships, barges, tugs, supply vessels etc. upto 75 m length and 5 m draft (on floating dry Dock) per year • Cargo unloading jetty: 13 m x 25 m
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, there is an existing loading jetty approved by MMB.
8.Location of the project	S. No. 41 & 42, H. No. 18 & 19/1, village Katale (Jaigad creek), Tal Guhagar, Dist. Ratnagiri, Maharashtra.
9.Taluka	Guhagar
10.Village	Katale (Jaigad Creek)
Correspondence Name:	Mariner, Dilip Bhatkar
Room Number:	-
Floor:	1st floor
Building Name:	Neelashri
Road/Street Name:	Thiba Palace Road
Locality:	-
City:	Ratnagiri - 415612
11.Whether in Corporation / Municipal / other area	MMB
12.IOD/IOA/Concession/Plan Approval Number	• MMB has approved Cargo shipment and ship repair work at this multipurpose terminal and granted 3,500 m2 water frontages (100 m) on lease for this multipurpose terminal • MMB has granted permission for operation of Floating Dry Dock.
	IOD/IOA/Concession/Plan Approval Number: • MMB has approved Cargo shipment and ship repair work at this multipurpose terminal and granted 3,500 m2 water frontages (100 m) on lease for this multipurpose terminal • MMB has granted permission for operation of Floating Dry Dock.
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Expansion of existing port i.e. increase in cargo capacity along with ship repair facility
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	• MMB has approved Cargo shipment and ship repair work at this multipurpose terminal and granted 3,500 m2 water frontages (100 m) on lease for this multipurpose terminal • MMB has granted permission for operation of Floating Dry Dock.
15.Total Plot Area (sq. m.)	29,030 m2
16.Deductions	-
17.Net Plot area	29,030 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 400.00 m2
	b) Non FSI area (sq. m.): 0.0 m2
	c) Total BUA area (sq. m.): 400.00

18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 0.0 m2
	Approved Non FSI area (sq. m.): 0.0 m2
	Date of Approval: 15-12-2014
19.Total ground coverage (m2)	400.00 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	1.5%
21.Estimated cost of the project	18000000

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	Workers + staff: 40 Nos.
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)	Existing 9 m wide approachable road which connects to SH-105 (Tavsal-Abloli).
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	At present, port is handling 0.1 MTPA cargo (Non-Hazardous)
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	Cargo handling (Bauxite, Laterite, Coal, Fertilizers, Molasses etc. bulk, bagged and non-hazardous liquid cargo etc.)	0.1 MTPA	0.1 MTPA	0.2 MTPA
2	Ship Repair (on floating dry dock)	00	24-30 Nos.	24-30 Nos.

32.Total Water Requirement

Dry season:	**Source of water**	Well water + Tanker Water
	Fresh water (CMD):	2.5 KLD
	Recycled water - Flushing (CMD):	2 KLD
	Recycled water - Gardening (CMD):	2.3 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	10 KLD
	Fire fighting - Underground water tank(CMD):	10 KL
	Fire fighting - Overhead water tank(CMD):	-
	Excess treated water	Excess Treated Water to gardening/ dust suppression
Wet season:	**Source of water**	Well water + Tanker Water
	Fresh water (CMD):	2.5 KLD
	Recycled water - Flushing (CMD):	2 KLD
	Recycled water - Gardening (CMD):	2.3 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	10 KLD
	Fire fighting - Underground water tank(CMD):	10 KL
	Fire fighting - Overhead water tank(CMD):	-
	Excess treated water	Excess Treated Water to gardening/ dust suppression
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0.5	4	4.5	0.05	0.15	0.2	0.45	3.85	4.3

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2 to 3 m
	Size and no of RWH tank(s) and Quantity:	1 Tank of total 15 m3 capacity
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	1.5 lakh
	Budgetary allocation (O & M cost) :	0.25 lakh/ year
	Details of UGT tanks if any :	Underground
35.Storm water drainage	**Natural water drainage pattern:**	Towards South side of the plot
	Quantity of storm water:	201.7 m3/hr
	Size of SWD:	Channels with 600 mm wide with 4 Nos. of settling pits will be provided along with the storm water drain lines to arrest any course particle/material entering into the creek.
Sewage and Waste water	**Sewage generation in KLD:**	Sewage Generation: 4.3 KLD
	STP technology:	STP - Phytorid technology (Domestic sewage) and ETP - (Bilge and oily water treatment)
	Capacity of STP (CMD):	STP: 10 KLD and ETP: 10 KLD
	Location & area of the STP:	Ground (Total: 40 m2)
	Budgetary allocation (Capital cost):	STP: Rs. 5 Lakh, ETP: Rs. 15 Lakh
	Budgetary allocation (O & M cost):	STP: Rs. 1 Lakh/y & ETP: Rs. 5 Lakh/y
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	The construction debris generated during construction phase will be around 20 m3.
	Disposal of the construction waste debris:	The construction debris will be utilized at site (outside CRZ) for site formation/levelling/ Road filling wherever possible.
Waste generation in the operation Phase:	**Dry waste:**	8 kg/d
	Wet waste:	12 kg/d
	Hazardous waste:	Used Oil/Oily wastes and other hydrocarbon compounds (fuels and grease), Paint waste residues, Slop oil etc.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	0.1 m3/day
	Others if any:	Metal waste, E-Waste, Glass material & used batteries etc.

Mode of Disposal of waste:	**Dry waste:**	Dry garbage will be handed over to authorized recyclers.
	Wet waste:	Wet garbage will be composted using vermi- Composting pit and used as organic manure for landscaping.
	Hazardous waste:	Handed over to CHWTSDF
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	• Scrap metal in the form of sheet & solid metal off-cuts will be handed over to authorized recyclers. • The E-waste shall be handed over to e-waste management vendor authorized by MPCB (if any). • Used Batteries will be stored in a designated bounded area or disposed of as per Batteries (Management and Handling) Rules, 2001.
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	Total area provided: 400 m2 (i.e. Designated storage for Hazardous and Non-hazardous waste storage). Open stock yard for Cargo storage: 1,200 m2
	Area for machinery:	Area for vermicomposting pit: 3 m2
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	10 Lakh
	O & M cost:	10 Lakh/y

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	5-9	6.5-8	6.5 – 8.5
2	BOD (3 days 270 C)	mg/l	700	<10	<30
3	COD	mg/l	2000	<30	<250
4	Suspended Solids	mg/l	115	8.0	<100
5	Oil & Grease	mg/l	20	BDL	<10
6	TDS	mg/l	2000	744	<2100

Amount of effluent generation (CMD):	~ 6 KLD
Capacity of the ETP:	10 KLD
Amount of treated effluent recycled :	6 KLD
Amount of water send to the CETP:	0 KLD
Membership of CETP (if require):	No
Note on ETP technology to be used	Effluent collection, Neutralization, Coagulation / Flocculation, Sedimentation in Primary Settling tank, Aeration tank, Secondary settling tank, Pressure Sand Filter, Activated Carbon Filter, Treated water storage tank
Disposal of the ETP sludge	Handed over to CHWTSDF

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	DG set (2 x 125 kVA)	HSD (22 lit/hr)	1	4.5	0.1	150 - 165 0C

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	NA	NA	NA
41.Source of Fuel		Local		
42.Mode of Transportation of fuel to site		Road		

43.Green Belt Development	**Total RG area :**	Total Green area provided: 10,000 m2
	No of trees to be cut :	Nil
	Number of trees to be planted :	350 No.
	List of proposed native trees :	As below
	Timeline for completion of plantation :	2 - 3 year

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	Anthocephalus cadamba	Kadamba	35	Shady, large tree, ball shaped flowers, Soil improver
2	Mimusops elengi	Bakul	40	Shady tree, small white fragrant flowers
3	Cassia fistula	Bahava / Amaltas	35	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
4	Cocos nucifera	Coconut	70	Wind Breaker
5	Michelia champaca	Son chapha	35	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
6	Terminalia catappa	Badam	50	Wind breaker & Noise abatement
7	Magnifera indica	Mango	85	Dust, particulate & noise abatement, large fruit tree attracting birds
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 :**	MSEB
	During Construction Phase: (Demand Load)	50 kVA
	DG set as Power back-up during construction phase	50 kVA
	During Operation phase (Connected load):	250 kVA
	During Operation phase (Demand load):	200 kVA
	Transformer:	2 x 25 HP
	DG set as Power back-up during operation phase:	Total: 250 kVA (2 x 125 kVA)
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Solar PV Panels of total 15 kW capacity are proposed.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saving (LEDs, Energy efficient pumps and motors etc.)	10%

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water Pollution (Domestic sewage)	Septic tanks	STP

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 3 Lakhs
	O & M cost:	Rs. 0.2 Lakh/year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression, site sanitation and Potable Water Supply to Labour	-	2.5

2	Environmental Monitoring	(As per CPCB guidelines through MoEF Approved laboratories- Ambient Air- RSPM, PM 2.5, SO2, NOx, CO), Noise Leq day time and Night Time), Water sampling etc.	3.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	5.0	1.0
2	ETP (Tertiary)	Continuous O & M	15	5
3	Expenditure on Energy saving measures	Weekly	3	0.2
4	Dust Control system	Continuous	10	2.5
5	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	1.5	0.25
6	Solid Waste Composting plant (Hazardous + Non-Hazardous)	Continuous O & M	10	10
7	Landscape	Daily	3.5	0.5
8	EMC recurring expenditure	Env. Engg. Salary, Documentation, Assistants, support staff, expense and housekeeping	8	6
9	Occupational Safety & Health	Manning of OHS, OHS expenses	10	1.5
10	Compliance for Environmental protection & Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	00	8

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	3,500 m2
	Area per car:	28.5 m2
	Area per car:	28.5 m2
	Number of 2-Wheelers as approved by competent authority:	16 Nos.
	Number of 4-Wheelers as approved by competent authority:	4W: 8 Nos. & Truck Parkings: 3 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6 m and above
	CRZ/ RRZ clearance obtain, if any:	The proposal was considered in 115th MCZMA meeting (item no. 47 dt. 17.01.2017) and as per the MoM the project is recommended from CRZ point of view to SEIAA, Maharashtra.
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No declared eco-sensitive zones like a National Park, a Wildlife Sanctuary or Wetlands are present within a 10 km radius of the project site.
	Category as per schedule of EIA Notification sheet	7 (e)
	Court cases pending if any	No
	Other Relevant Informations	Our project was considered in 105th SEAC I meeting held on 2nd July 2015 for grant of ToR for carrying out EIA Study. SEIAA vide letter no. SEIAA-2018/CR-145/Est dated 20.12.2018 extends validity upto 01.07.2019. Public Hearing was conducted (as per ToR condition) at Lokshikshan Mandal Sabhagruh, village -Gonabarewadi, Tal. Guhagar, District-Ratnagiri on September 05, 2018 by MPCB in the presence of Additional District Magistrate (District Collector), Dist. Ratnagiri and Maharashtra Pollution Control Board Officers, Chiplun and the Public.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	20-05-2015

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP proposes ETP for the treatment of waste water. No discharged to be done in the marine water.
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Hazardous waste will be disposed off at CHWTSDF site. Other solid waste will be handed over to Authorized Vendors.
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The electrical demand for proposed project is 200 KVA, which will be supplied by MSEDCL. PP also proposes to install two DG set of capacity 125 KVA with HSD as a fuel.
Traffic circulation system and risk assessment	PP propsoed adequate width and turning radius roads for free movement of vehicles.
Landscape Plan	PP proposes 33% green belt within the premises.
Disaster management system and risk assessment	PP prepared On site emergency plan to handle the emergency situations.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP prepared EMP cost of Rs.5.50 Lakh during construction phase and 66.00 Lakh as capital cost and Rs. 35.00 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

ToR was granted to the PP in 105th meeting of SEAC-1 held on 02.07.2015 for the preparation of EIA/EMP reprot. The details of the minutes of the meeting are read as below,

The PP made a detailed presentation about the proposed development of Multipurpose Terminal with Jetty for the following purposes,

1. Cargo handling of about 0.2 MTPA

2. Repair of 24-30 small ships using Floating Dry Dock.

The Committee made follwoing observations,

1. The project is considered as category 7(e)B1 and will requrie detailed EIA report and Public Consultation.

2. MCZMA and CRZ clearance is required prior to conisderation of Environmental Clearance.

3. Under no circumstances should ship breaking be undertaken.

4. The road connectivity from the jetty to state highway road 105 should be strengthended preferably by Maharashtra Meritime Board (MMB).

5. EIA report should address the safe disposal of waste generated from Floating Dry Dock like rust, paint, oil, grase and other waste products.

6. Steps to prevent coal dust effluents enterign the creek.

7. Compact STP of 10 CMD capacity should be provided for Domestic Waste.

8. Construction work for Jetty should not result in unexpected impact on water quality.

9. Construction of Jetty and dredging of approach channel, if any, should not impact the morphology of coastline beaches. The project should not affect any marine organism and dredging should not affect fish-life.

10. Disposal of dredging construction waste shouldnot create any adverse Environemntal Impact and good site practices should be followed scrupulously.

11. A seperate chapter on Risk Assessment and Risk Management of the port and Floating Dry Dock in general and Coal Handling in particulat should form a part of EIA.

12. The project should not adversly impact the landscape and the visual appeal of Konkan Coast.

Thereafter, PP obtianed extension in the ToR for one year from the SEIAA vide letter No. SEIAA-2018/CR-145/Est. dated 20.12.2018.

PP submitted their EIA/EMP reprot to the SEAC-1 on 22.05.2019 for appraisal.

Public Hearing was conducted on 05.09.2018 at Lokshikshan Mandal Sabhagriha, village Gonabarewadi, Tal. Guhagar, District Ratnagiri. Copy of preceedings of the Public Hearing submitted by the PP.

SEAC-1 made it clear to the PP that, the appraisal of the proposal shall be limited to the activity of jetty construction as recommended by the MCZMA in their 115th meeting held on 17th to 18th January, 2017.

The proposal was considered in the 167th A meeting of SEAC-1 wherein the proposal was deferred till submission of compliance of following points,

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

2. PP to ensure compliance of the conditions stipulated in the MCZMA recommendation letter. No ship breaking activity is allowed in the proposed project.

3. PP to submit undertaking for not violating any requirements of EIA Notification,2006.

4. PP to submit lay out plan showing internal roads with minimum six meter width and nine meter turning radius, provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.

5. PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.

6. PP to submit point wise compliance of all the issues raised during public hearing along with proposed mitigation measures , cost required for compliance and time line for its implementation.

7. PP to include generation, handling & disposal of hazardous waste in the Consolidated Statement and EIA Report.

8. PP to include details of proposed ETP/STP in the EIA report.

9. PP to explore possibility to use mechanized means for pollution control to load /unload minerals like Bauxite, coal etc. so as to control emission of fine dust in the atmosphere. PP to submit details of proposed air pollution control mechanisms.

10. PP to submit revised complinace of point No. 9 of the additional ToR.

11. PP to make necessary changes in the Consolidated Statement with the respect to the activities limited to the Jetty Construction as recommended by MCZMA.

12. PP to submit their CER plan prepared in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.

Now PP submitted compliance of above points.

DECISION OF SEAC

During deliberations PP informed that no ship breaking activities will be undertaken in the propsoed project.

After detailed deliberataions with the PP and their accredited consultant, SEAC-1 decided to recommend the proposal to the SEIAA for prior Environemntal Clearance limited to the activities as approved by MCZMA subject to the following conditions.

Specific Conditions by SEAC:

1) PP to ensure only covered vehicles enter the area. PP to establish mechanism to avoid entry of uncovered vehicles carrying material inside the area.
2) PP to implement CER plan in consultation with the District Authority as OM issued by MoEF&CC dated 01.05.2018.
3) PP to ensure that, no waste is discharged in the marine water.

FINAL RECOMMENDATION

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

174th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 174th - Day-2 **Meeting Date** January 3, 2020

Subject: Environment Clearance for Ashti Lift Irrigation Scheme, Tal- Ashti, Dist- Beed , Maharashtra

Is a Violation Case: No

1.Name of Project	Ashti Lift Irrigation Scheme, Tal- Ashti, Dist- Beed , Maharashtra
2.Type of institution	Government
3.Name of Project Proponent	Executive Engineer, Nandur Madhmeshwar Canal Div., No. 2, GMIDC, Aurangabad
4.Name of Consultant	Ultratech Environmental Consultancy & Laboratory
5.Type of project	Irrigation Project ,CCA: 35647 ha & ICA: 27543 ha.
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Tal ; Ashti Dist Beed
9.Taluka	Ashti
10.Village	NA
Correspondence Name:	Nandur Madhmeshwar Canal Div., No. 2
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Vaijapur,HQ: Walmi
City:	Aurangabad
11.Whether in Corporation / Municipal / other area	Irrigate 27543 ha area of Ashti Taluka of Beed District
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: GOM. resolution no. KM-0709/ (437/2009), M.P. 1 dt. 27-8-2009
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Initiated the work of Kuntephal Storage Tank
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 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 27-08-2009
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	10460000000

22.Number of buildings & its configuration

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

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

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	Ujani Reservoir
	Fresh water (CMD):	5.68 TMC
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.68 TMC
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

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

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	5.68 TMC	5.68 TMC	NA	NA	NA	NA	NA	NA

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

35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable

Sewage and Waste water	**Sewage generation in KLD:**	Not applicable
	STP technology:	Not applicable
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	Not applicable
	Budgetary allocation (O & M cost):	Not applicable

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	28,68,506 Cum
	Disposal of the construction waste debris:	2514624 Cum waste will be used for Hearting Zone, C.O.T. Filling & Casing Material
Waste generation in the operation Phase:	**Dry waste:**	Not Any
	Wet waste:	Not Any
	Hazardous waste:	Not Any
	Biomedical waste (If applicable):	Not Any
	STP Sludge (Dry sludge):	Not Any
	Others if any:	Not Any
Mode of Disposal of waste:	**Dry waste:**	Not Any
	Wet waste:	Not Any
	Hazardous waste:	Not Any
	Biomedical waste (If applicable):	Not Any
	STP Sludge (Dry sludge):	Not Any
	Others if any:	Not Any
Area requirement:	**Location(s):**	Not applicable
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			

Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not any	Not any	Not any	Not any
41.Source of Fuel		Not any		
42.Mode of Transportation of fuel to site		Not any		

43.Green Belt Development

Total RG area :	Plantations along FRL, Approach Roads & Plantation d/s of storage tank
No of trees to be cut :	1200
Number of trees to be planted :	6000
List of proposed native trees :	Aegle marmelos, Anthocephalus indicus, Bauhinia variegate,Cassia fistula,Erythrina suberosa, Ficus bengalensis,Polyalthia longifolia, Syzygium cumini etc
Timeline for completion of plantation :	Within in 5 year

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	Not applicable	Not applicable	Not applicable	Not applicable
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 Corporation Limited (MSEDCL)
	During Construction Phase: (Demand Load)	Not any
	DG set as Power back-up during construction phase	Not any
	During Operation phase (Connected load):	67050 KW
	During Operation phase (Demand load):	67050 KW
	Transformer:	Not any
	DG set as Power back-up during operation phase:	Not any
	Fuel used:	Not any
	Details of high tension line passing through the plot if any:	Not any

48.Energy saving by non-conventional method:

Not any

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not any	Not any	Not any

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Ambient Air Quality	PM10. Pm2.5, SO2 & Nox	2.0
2	Water Quality	Physical, Chemical and Bacteriological parameters	2.5
3	Noise Level	Sound Level	1.0
4	Ecology and Biodiversity	Flora & Fauna	2.0
5	Occupational Health	PPE, health checkups, camps, first aid kit	1.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Meteorology	Rainfall and evaporation	5.0	-
2	Water Quality	Six Monthly : Physical, Chemical and Bacteriological parameters	0.0	10.00
3	Ecology	Flora & Fauna	0.0	20.00
4	Soil Quality	hysical & Chemical parameters	0.00	20.00
5	Greenbelt development	Plantation and O&M	188.00	1.0
6	Command Area Development Plan	Land work	3305.00	0.0
7	R & R Plan	Rehabilitation and resettlement work	33144.00	0.0

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable

Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	1 (C) B
	Court cases pending if any	Not any
	Other Relevant Informations	Not any
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-08-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide adequate treatment facility for the domestic waste water so as to achieve prescribed standards.
Drainage pattern of the project	Pp considered the contour levels in design of the projects.
Ground water parameters	Not Applicable

Solid Waste Management	PP to collect and dispose all solid waste as per prevailing rules.
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The energy demand will be 67050 KW which will be supplied by MSEDCL.
Traffic circulation system and risk assessment	PP proposes to provide minimum six meter wide roads with nine meter turning radius.
Landscape Plan	PP proposes to plant trees in the FRL area.
Disaster management system and risk assessment	PP prepared Disaster Management Plan.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes to implement Environment Management plan as - During Construction phase - Rs. 37.50 Lakhs as capital cost & Rs. 12.33 Lakhs as recurring cost. During Operation Phase – Rs. 7340.86 Lakhs as capital cost and Rs. 20.16 as recurring cost.
Any other issues related to environmental sustainability	PP shall ensure that, land required for the proposed project is acquired and possession taken only after payment of compensation to the landholders as per the provisions of the Right to Fair Compensation and Transparency in land acquisition, rehabilitation and resettlement Act, 2013.

Brief information of the project by SEAC

Krishna Marathwada Irrigation Project envisages 3 Lift Irrigation Schemes that is LIS-I, LIS-II, Ashti LIS-III.

PP submitted their application to the EAC, MoEF&CC as category "A" project. The project was proposed to utilize 23.66 TMC of water from available Krishna sub-basin to provide irrigation facility to 87188 ha. area in Osmanabad District of Maharashtra State. The project was proposed in two parts viz. Lift Irrigation Scheme-I (LIS-I) and Lift Irrigation Scheme – II (LIS-II). The Administrative approval for the scheme was given by GoM vide letter No. 2004/1413(385/04) dated 23.08.2007 for Rs. 2382.05 Cr. for 19 TMC of surplus water for irrigation of 87188 ha area in the Osmanabad District. The project was subsequently revised by including LIS-III i.e.- Ashti Lift Irrigation scheme and same has approved by the GoM vide letter dated 27.08.2009 amounting to Rs. 4845.05 Cr. for utilization of 23.66 TMC of water and the project was planned for total 114731 ha. Culturable Command Area i.e. 87188 ha in Osmanabad District & 27543 ha. in Beed District.

The Lift Irrigation Scheme I &II known as Krishna Marathwada Lift Irrigation Scheme has been granted Environmental Clearance by EAC, MoEF&CC after considering the proposal in its 76th, 82nd and 83rd meeting vide letter No. J-12011/58/2008-IA-I dated 24.06.2015. The Environmental Clearance covers the entire water utilization that is 23.66 TMC including water required for Ashti Lift Irrigation Scheme i.e. LIS-III but Culturable Command Area of Ashti Lift Irrigation Scheme was not included in the Environmental Clearance.

Therefore, after discussion with the MoEF&CC officials, PP submitted fresh application to the EAC, MoEF&CC on 02.07.2015 for prior Environment Clearance for LIS-III i.e.- Ashti Lift Irrigation scheme. The proposal was considered in 85th EAC meeting held on 20-21st July, 2015. The brief of the minutes of the meeting is as below-

"During discussions, the committee observed that the construction work has already been started on the project. The PP mentioned that as the project was originally approved by the GoM as LIS-III of the Krishna Marathwada Project, the construction work was started.

The committee noted that, a violation has been occurred in the project and EAC mentioned that the extent procedure may be followed in the Ministry to deal with/examine such cases at the first instance....

The EAC, therefore mentioned that the case of scoping/ToR clearance for this project cannot be considered at this stage."

The proposal was again considered in 88th EAC meeting held on 26-27th October, 2015. The brief of the minutes of the meeting is as below-

"The PP submitted vide letter No. CE9(WR) A'bad/T-6/camp/Delhi dated 27.10.2015 and also mentioned that Ashti LIS-III was part of Krishna Marathwada Irrigation Project at that time, the work of Ashti LIS-III was also stopped along with LIS-I & LIS-II of the Osmanabad District. The required undertaking/affidavit and resolution No. 54/3 dated 13.06.2014 of Godavari Marathwada Irrigation Development Corporation, Aurangabad was resolved that violation shall not be repeated in future. Based on MoEF&CC directions Department of Environment, GoM wrote to Maharashtra Pollution Control Board to take legal action against the Godavari Marathwada Irrigation Development Corporation. Accordingly criminal case had been filed (RCC 21/2015) against the project proponent.

The committee was informed that, the NGT order on violation committee/occurred in the project has been stayed by the Hon'ble Supreme Court in September, 2015. Hence, this project has been considered. The EAC after critically examining all environmental issues, recommended clearance for pre-construction activities with additional ToR points...."

As per minutes of 88th EAC meeting the project Proponent obtained ToR letter vide No. J-12011/14/2015 dated 10.12.2015. The project was again considered after the grant of ToR by EAC in 18th EAC meeting held on 27.09.2018. During deliberation the Member Secretary informed the EAC that vide Ministry's letter dated 14.8.2018, Ashti Lift Irrigation Scheme III (Ashti LIS-III) in Beed District of Maharashtra is having culturable command area (CCA) of less than 50,000 ha, which is now to be considered in the State level by SEIAA, Maharashtra.

EAC also noted that, as the present proposal applied online as a separate proposal, but now, it is to be linked with the Krishna Marathwada Irrigation Project as per the revised Administrative approval as one proposal only that is LIS-I, LIS-II and Ashti LIS-III.

During the EAC meeting, it has been opined that release of funds to the Ashti LIS-III would be difficult, if EC is granted separately to this project. Therefore, the PP requested to the Ministry for Amendment of ToR stating that, it is an integral proposal of Krishna Marathwada Irrigation Scheme. The irrigation technology used for all above cases are same. Therefore, the Notification dated 14.08.2018 is not applicable.

After detailed deliberations, the EAC opined that, the case will be considered in the next EAC meeting to decide the applicability of the EIA Notification, 2006 and amendment thereof, whether the present proposal as per the above Notification be appraised at the State level or ToR to be amended so that the proposal can be appraised at the Central level, accordingly the proposal had been deferred. Before that, the PP will provide a detailed write up on the project along with supporting documents.

The proposal was again considered by the EAC in its 20th meeting held on 27.11.2018 wherein Member Secretary, EAC informed the committee vide Ministry's letter dated 14.08.2018, Ashti Lift Irrigation Scheme- LIS-III in Beed District of Maharashtra is having CCA of less than 50,000 ha which is now to be considered in the State level i.e. by SEIAA, Maharashtra.

After detailed deliberations, EAC made following observations and sought the additional information from Project Proponent.

1. The water required for this irrigation project has been proposed to be diverted from river Nira, a tributary to the river Bhima. The work of diversion of water from river Nira (through existing Somanthali and Udhat Barrage) to Bhima basin (existing Ujani Dam) has already been taken up and vide letter dated 24.02.2015, Ministry has already given exemption for Environmental Clearance. As the work of diversion of water from river Nira also becomes integral part of KMP consisting of LIS-I,II & III, this portion needs to be included in the whole project and be updated accordingly.
2. The EC given to KMIP vide letter dated 24.06.2015 provided that water availability is 23.66 TMC. As the river Bhima is an interstate river, hydrology and water availability of the KMIP be cleared from CWC.
3. Compliance to EC conditions of the existing project to be submitted from Regional Office, Nagpur, MoEF&CC.
4. No forest area is involved in the project, However, felling of trees from the command area is envisages for which permission be obtained from the Competent Authority as per the order of Hon'ble High Court, Nagpur Bench.
5. The project is an eight monthly irrigation project. The cropping pattern proposed consists of perennial crops like sugarcane, horticulture etc. This anomaly is to be clarified.
6. The crops in the command area are proposed to be irrigated with micro irrigation system. The provisions made in respect of delta for irrigation etc. to be made compatible. There will be an increase in the command area in view of adoption of micro irrigation.

EAC MoEF&CC again considered the proposal in its 21st meeting held on 28.01.2019. The brief of the minutes of the meeting is as below-

"The PP was represented in the meeting by only an Executive Engineer. The EAC took note of this and desired that senior officers at the appropriate level, viz. Chief Engineer, etc. who are familiar with the project need to attend the meeting to present the proposal and answer the querries of the EAC members. Such officers will be able to make commitments on behalf of the PP, if required, to ensure the compliance of the approved norms.

In view of above, the EAC deferred the item and directed that, the officers at the appropriate level, viz. Chief Engineer or above will attend the meeting when the project comes up for appraisal."

The proposal was considered in the 163rd meeting of SEAC-1 wherein following decision was taken,

Now the Godavari Marathwada Irrigation Development Corporation (GMIDC), Aurangabad submitted MoEF&CC letter No. J-12011/14/2015 -IA-I (R) dated 01.03.2019 through which the said proposal is referred to the State of Maharashtra. Hence, PP applied for prior Environmental Clearance to the Ashti Lift Irrigation Project – LIS-III as an independent project before SEIAA, Maharashtra.

During deliberations, PP informed following facts regarding project:-

1. Environmental Clearance for the LIS-I & LIS- II (Osmanabad District) had been already issued by the MoEF&CC vide letter No. J-12011/58/2008-IA-I dated 24.06.2015
2. Ashti Lift Irrigation Scheme – III (LIS-III) is a part of Krishna Marathwada Lift Irrigation Scheme (KMIP). The administrative approval was obtained from GoM vide resolution No. 2004/1413 (385/04) dated 23.08.2007 for Rs. 2382.50 Crores fr 19 TMC water available in Krishna basin. The project was planned for 87188 ha. In Osmanabad District by two lift irrigation schemes.
3. The project was subsequently revised & approved by GoM vide letter dated 27.08.2009 amounting Rs. 4845.05 Crores for utilization of 23.66 TMC water from Ujani reservoir including Ashti LIS – III.
4. The project was planned to be completed in two phases. In first phase, works related to 7 TMC water only are to be taken up and there after work for 16.66 TMC work was planned.
5. The project was again re-planned for total irrigation of 1,14,731 ha. i.e. 87188 ha. in Osmanabad District & 27543 ha. in Beed District by three lift irrigation schemes.
6. The Ashti Lift Irrigation Scheme – LIS – III envisages lifting of 5.68 TMC water from Ujani reservoir.
7. The Ashti Lift Irrigation Scheme- LIS-III proposes to irrigate 27543 ha. area in the Ashti Taluka of Beed District.

After detailed deliberations with the PP and their accredited consultant SEAC-1 noted as below,

1. Godavari Marathwada Irrigation Development Corporation obtained prior Environment Clearance for their schemes LIS-I & LIS-II from the MoEF&CC for 23.66 TMC water use which includes water allotted for Lis-III project.
2. After obtaining revised administrative approval from the GoM for the use of 23.66 TMC water including Ashti Lift Irrigation Scheme – LIS-III, Beed, PP applied to MoEF&CC for prior Environmental Clearance for IIS-III project..
3. During deliberations in the EAC meetings, PP informed to the committee that, the work of LIS-III has been already started as GoM had approved the scheme vide revised administrative approval in the year 2009.
4. EAC noted the violation and sent back proposal to the Ministry for further necessary action.
5. MoEF&CC wrote to the Environment Department, GoM to take appropriate action against the PP in view of identified violation.
6. Environment Department, GoM directed Maharashtra Pollution Control Board (MPCB) to take credible action against the PP that is GMIDC. Subsequently MPCB filed criminal case against the PP as per procedure stipulated by the MoEF&CC at that time.
7. PP submitted the affidavit from the board of directors of the GMIDC through their resolution that the violation will not be repeated.
8. The same was presented before the EAC, after going through all the documents and requirements EAC decided to grant ToR to the PP for pre-construction activities. ToR letter was issued by the Ministry on 10.12.2015.
9. The proposal was lastly considered on 28.01.2019 and was deferred directing PP to ensure presence of a senior official at the appropriate level, viz, Chief Engineer or above will attend the meeting when the project will come up for appraisal.
10. Now, PP submitted MoEF&CC letter No. J-12011/14/2015 -IA-I (R) dated 01.03.2019 through which the said proposal is referred to the State of Maharashtra by the MoEF&CC.
11. Hence, SEAC-1 considered the proposal in the meeting.

In view of above facts and circumstances of the case as presented by the PP, SEAC-1 is of the view that, the said proposal of LIS-III, Taluka Ashthi, Dist. Beed may be considered as a separate proposal [Environmental Clearance for the LIS-I & LIS- II (Osmanabad District) had been already issued by the MoEF&CC vide letter No. J-12011/58/2008-IA-I dated 24.06.2015] as the Culturable Command Area of the project is less than 50,0000 ha. falls under category "B" of the EIA Notifcation,2006 amended on 14.08.2018.

Hence, SEAC-1 decided to refer the matter to the SEIAA for confirmation of above view or otherwise suitable guidance in the matter.

The proposal was conisdered in the 167th meeting of SEAC-1 held on 11.07.2019 wherein following decision was taken,

SEIAA considered the proposal in their 168th meeting held on 29.05.2019 wehrein following decision was taken,

"SEAC-1 decided to refer the matter to the SEIAA for confirmation of category. During discussion, PP stated that vide MoEF&CC letter No. J-12011/14/2015-IA-I(R) dated 01.03.2019 through which the said proposal is referred to the State of Maharashtra by the MoEF&CC & also Culturable Command Area of the project is less than 50000 Ha. falls under category "B"

SEIAA decided to refer back the proposal to SEAC and inform to consider the proposal under category "B" of the EIA Notification,2006"

In view of above directions from the SEIAA, SEAC-1 considerd the proposal as category "B"

During deliberations, it was brought to the notice of the SEAC-1 that,

The total Culturable Command Area under LIS-III is 35,647 Ha. and total water requirement is 5.68 TMC. As of now the MWRRA has granted permission for lifting of 1.68 TMC water from Ujani Dam back water for which Culturable Command Area is 10,184 Ha.

PP to revise the proposal for Environmental Clearance limited to the water lifting permission granted by the MWRRA for LIS-III project. Accordingly PP to prepare and submit revised infomration as mentioned above in the Form-I/II, Consolidated Statement, EIA/EMP, Presentation etc. PP also to submit point wise compliance of the Standard ToR conditions and additional ToR points grnated by EAC, MoEF&CC.

Hence, SEAC-1 decided to defer the proposal till submisison of revised information.

The proposal was considerd in the 167th A meeting on 01.08.2019 wherein the proposa was deferred till submission of compliance of following points,

PP also to uplaod following docuemnts and ensure that there is uniformity of informations in all the docuemnts.

1. PP to make necessary changes in the Cosolidated Statement as per sanctions/permissions obtianed for water lifting.

2. Revised Form - I & II.

3. All related drawings and map duly authorized by Competent Authority.

4. Revised EIA/EMP report.

Now PP submitted comliance of above points.

DECISION OF SEAC

The brief information of the project as submitted by the PP is as below,

Krishna Marathwada Irrigation project envisages three Lift Irrigation Schemes namely LIS-I, LIS-II & LIS-III.

The Project Proponent (PP) submitted application for the grant of Environmental Clearance to EAC, MoEF&CC, New Delhi. The project was proposed to utilize 23.66 TMC water available from Krishna Sub-basin to provide irrigation facility to 87188 Ha area in Osamanabad District of Maharashtra State.

The project was proposed in two parts viz, LIS-I & LIS-II. The administrative approval for the scheme was granted by the Government of Maharashtra on 23.08.2007 for Rs. 2382.05 Cr. The project was subsequently revised by including LIS-III i.e. Ashti Lift Irrigation Scheme and same has been approved by the Government of Maharashtra on 27.08.2009 amounting Rs. 4845.05 Cr for utilization of 23.66 TMC water and the project was planned for total 114731 Ha. Culturable Command Area (CCA) i.e. 87188 Ha. in Osmanabad District and 27543 Ha in Beed District.

The Environmental Clearance for LIS-I & LIS - II known as Krishna Marathwada Lift Irrigation Scheme has been granted by MoEF&CC vide file No. J-12011/58/2008-IA-I dated 24.05.2015 after considering the project in 76th, 82nd and 83rd meeting of EAC.

After due deliberation with the MoEF&CC officials, PP submitted fresh application to the Expert Appraisal Committee (EAC), MoEF&CC, New Delhi for the grant of Environmental Clearance for LIS-III scheme.

PP further informed that, the proposal was considered in the 85th meeting of EAC held on 20th – 21st July,2015, wherein committee noticed violation of EIA Notificationin the proposed project and EAC noted that, the extent procedure as per Office Memorandum dated 12.12.2012 may be followed in the Ministry to deal with/examine the case.

Thereafter, MoEF&CC wrote to the Government of Maharashtra to take action against the PP. The Department of Environment, Government of Maharashtra directed to the Maharashtra Pollution Control Board to take legal action against the Godavari Marathwada Irrigation Development Corporation (GMIDC) as communicated by the MoEF&CC.

As per directions of the Department of Environment GoM, Maharashtra Pollution Control Board filed a criminal case against the PP vide No. RCC 21/2015.

Then, the proposal was again considered in 88th meeting of EAC held on 27.10.2015. In the meeting PP informed that, the action as per OM dated 12.12.2012 has been completed and a criminal case No. RCC 21/2015 has been filed against GMIDC. PP also submitted their board resolution No. 54/3 resolving that, violation shall not be repeated in future. After considering the above facts EAC granted ToR for pre-construction activities with additional ToR points vide letter No. J-12011/14/2005 dated 10.12.2015. Thereafter, PP prepared and submitted EIA report to the EAC.

The proposal was further deliberated by the EAC, MoEF&CC in their 18th ,20th and 21st meeting held on 27.09.2018, 27.11.2018 & 28.01.2019 respectively.

PP further informed that, they received letter from MoEF&CC vide No. J-12011/14/2015-IA-I(II) dated 01.03.2019 mentioning that, their proposal is transferred to the State in pursuance of the Notification No. S.O. 3977(E) dated 14.08.2018 issued by MoEF&CC.

In view of above letter, PP submitted their application to the SEIAA, Maharashtra for further consideration and grant of EC.

Deliberations:

After submission of application and copy of letter received from the MoEF&CC, State Expert Appraisal Committee – 1 (SEAC-1) considered the proposal in 163rd meeting and decided to seek the guidance from the SEIAA, Maharashtra in the matter whether to consider the proposal under category 'B' of the EIA Notification, 2006.

SEIAA, Maharashtra considered the proposal in their 167th meeting held on 29.05.2019 and directed as below,

"SEIAA decided to refer back the proposal to SEAC-1 and inform to consider the proposal under category 'B' of the EIA Notification, 2006."

As directed by the SEIAA, SEAC-1 deliberated the proposal in 167th & 167th 'A' meeting held on 11.07.2019 and 01.08.2019.

In 174th meeting of the SEAC-1 PP informed that, they have submitted compliance of the points raised during earlier meetings and also submitted additional information in respect of the damage assessment and remediation plan to be followed as a part of Environmental Management Plan. The brief of the same is as below,

1. PP proposes to plant 27545 indigenous trees in the FRL of the proposed project for which PP allocated Rs. 142.81 Lakhs. The activity will be carried out in consultation with the Social Forestry Department.
2. PP proposes to dedicate funds of Rs. 15 Lakhs for air pollution control measures and Rs. 25 Lakhs for noise pollution control measures.
3. PP also proposes allocation of funds Rs. 2757.03 Lakhs for various community augmentation facilities in the village Khuntephal and Kumbhephal .
4. PP proposes to undertake various activities related to water conservation, Environment and Sanitation such as provision of sewerage line and STP, Solid Waste Management program in the village Dhanora, Kada and Loni Pimple. These activities will be implemented in coordination with the Local Bodies like Zilla Parishad & Gram Panchayat under overall supervision of the District Collector.

In addition to above, PP proposes to implement Corporate Environmental Responsibility plan of Rs. 5.23 Cr. in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018. PP also proposes to implement Environment Management plan as below

During Construction phase - Rs. 37.50 Lakhs as capital cost & Rs. 12.33 Lakhs as recurring cost.

During Operation Phase – Rs. 7340.86 Lakhs as capital cost and Rs. 20.16 as recurring cost.

Decision:

After detailed deliberations with the PP and their accredited consultant SEAC-1 decided to recommend the proposal to the SEIAA for Environmental Clearance, limited to the activities as approved in the ToR issued by MoEF&CC vide letter No. J-12011/14/2005 dated 10.12.2015 subject to the following conditions.

Specific Conditions by SEAC:

1) PP to obtain all requisite permissions /approvals from the MWRRA and other Statutory Authorities before commencement of the project. It is to be noted that, the total CCA area under LIS-III is 35647 Ha., and total water requirement is 5.68 TMC. However, MWRRA has granted permission for lifting of 1.68 TMC water from Ujjani Dam back water for which CCA will be limited to 10.48 Ha.
2) PP to obtain prior permission from the competent Authority before cutting the trees on site and undertake necessary compensatory tree plantation.
3) PP to take utmost care to reduce air & noise pollution by adopting standard procedures to control or mitigate the air and noise pollution.
4) PP to ensure that the excavated material is stored on pre designated place and no nuisance is created to the flora and fauna in the vicinity.
5) PP to ensure adequate ecological flow of water in the downstream of the river.
6) PP to identify the potential sources of the water pollution in the tank from nearby habitation and provide adequate treatment system like STP for entering water in the storage tank from the CER and EMP funds to control the water borne diseases.
7) PP to explore possibility of using new and renewable energy sources like solar, wind etc. for lifting of water from Ujjani dam to the proposed storage tanks. This measure may help to enhance the sustainability of the lift irrigation project.
8) PP may explore possibility of providing water for irrigation purpose only through micro irrigation systems like drip and sprinklers.

FINAL RECOMMENDATION

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