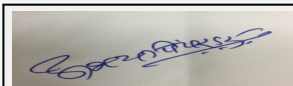


180th Meeting of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 1)**SEAC Meeting number: 180 Meeting Date March 2, 2020****Subject:** Environment Clearance for Expansion of Sugar Unit from 4000 TCD to 7200 TCD**Is a Violation Case:** No

1.Name of Project	Expansion of Sugar Unit from 4000 TCD to 7200 TCD
2.Type of institution	Private
3.Name of Project Proponent	Padmashree Dr. Vitthalrao Vikhe-Patil Sahakari Sakhar Karkhana Ltd
4.Name of Consultant	Vasantdada Sugar Institute
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	194/A/1, 194/A/2, 195/A/1, 195/A/2, 196/1, 196/2, 197/A, 197/B, 198/A/1-2, 198/B, 205/A/1-2, 205/B, 206
9.Taluka	Rahata
10.Village	Pravranagar
Correspondence Name:	Managing Director
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Pravaranagr
City:	Rahata, Ahmednagar
11.Whether in Corporation / Municipal / other area	Other area: Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area:
13.Note on the initiated work (If applicable)	NO WORK HAS BEEN INITIATED
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	Sugar Unit: Existing 145371 sq.m + proposed 13180 sq.m (Total plot area 272 acre including industrial, utilities, amenities and greenbelt)
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: 01-01-1900
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	157500000

22.Number of buildings & its configuration**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 180 Meeting Date: March 2, 2020****Page 1 of 35**

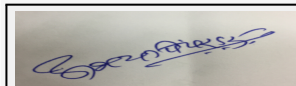
Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

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))	60 ft			
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	Sugar cane crushing (TPD)	4000	3200	7200
2	Sugar	14448	12098.4	26546.4
32.Total Water Requirement				



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 2 of 35

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

Dry season:	Source of water	Pravara Left Bank Canal
	Fresh water (CMD):	339
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	339
	Fire fighting - Underground water tank(CMD):	70000
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	Source of water	Pravara Left Bank Canal
	Fresh water (CMD):	50
	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):	70000
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)		Not applicable

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	40	10	50	8	2	10	32	8	40
Industrial Process	400	320	720	NA	NA	NA	400	320	720
Fresh water requirement	200	139	339	200	139	339	NA	NA	NA



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 3 of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	20 m
	Size and no of RWH tank(s) and Quantity:	Rain water harvesting tank is proposed
	Location of the RWH tank(s):	near office building
	Quantity of recharge pits:	not any
	Size of recharge pits :	not applicable
	Budgetary allocation (Capital cost) :	20 Lakh
	Budgetary allocation (O & M cost) :	2.00 Lakh
	Details of UGT tanks if any :	NA
35.Storm water drainage	Natural water drainage pattern:	--
	Quantity of storm water:	54717.8 M3
	Size of SWD:	1000 m X 0.450 m X 0.750 m
Sewage and Waste water	Sewage generation in KLD:	50
	STP technology:	Activated Sludge Process
	Capacity of STP (CMD):	Not any
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	75 Lakh
	Budgetary allocation (O & M cost):	5 Lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	In minor quantity
	Disposal of the construction waste debris:	Top soil will be used for gardening purpose and excavated earth , debris will be used within the plot for re-filling and internal road development
Waste generation in the operation Phase:	Dry waste:	Bagasse: 2051.4 TPD, Press Mud: 266.4 TPD
	Wet waste:	Molasses: 272.88 TPD ETP sludge 480 TPA
	Hazardous waste:	10 -15 MT/annum
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	15 T/month
	Others if any:	Not applicable


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 4 of 35


Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Mode of Disposal of waste:	Dry waste:	Bagasse: Will be sent to Pravara Renewable Energy Ltd., Press Mud : Used as manure after bio-composting process in own farm and stake holder farmers land & Boiler Ash: Sold to brick manufacturer
	Wet waste:	Molasses: Will be used in distillery unit as raw material, ETP sludge will be used as manure
	Hazardous waste:	Spent oil will be burn with bagasse in furnace
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Mixed into soil
	Others if any:	not any
Area requirement:	Location(s):	Within factory premises
	Area for the storage of waste & other material:	5200
	Area for machinery:	400
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	75
	O & M cost:	25

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	PH	--	4- 5.5	6.5 - 8.5	5.5 to 9.0
2	BOD	mg/lit	1500 - 3000	< 30	30
3	COD	mg/lit	2500 - 6000	< 250	250
4	Total Dissolved solids	mg/lit	1800 - 2500	< 2100	2100
5	Total Suspended Solids	mg/lit	600 -800	< 100	100
Amount of effluent generation (CMD):		720			
Capacity of the ETP:		1000 CMD			
Amount of treated effluent recycled :		720			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		The note is attached as Annexure 1			
Disposal of the ETP sludge		ETP sludge will be used in composting process with pressmud and will be used manure			

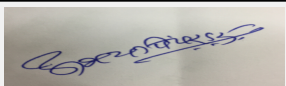
38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent oil	5.1	MT/annum	7 - 8	5 - 6	10 - 15	Burnt into boiler

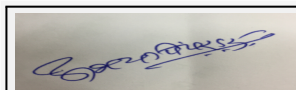
39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	NA	0	0	0	0	0

40.Details of Fuel to be used

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 180 Meeting Date: March 2, 2020	Page 5 of 35	 Dr. Umakant Dangat (Chairman SEAC-I)
--	---	---------------------	--

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	0	0	0
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	363390		
	No of trees to be cut :	Not any		
	Number of trees to be planted :	4500		
	List of proposed native trees :	The indigenous trees will be planted. Babhul, Neem, Aavala, Karanj, Shisham, Kanher, Wad, Pimpal, Umbar etc.		
	Timeline for completion of plantation :	Two 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	Azadiracta indica	Neem	800	Fly ash tolerant ,Tolerant of alkaline and Saline soil, common in the area
2	Aegal marmalose	bel	350	Tolerant to air pollution, very common in the region
3	Acacia nilotica	Bhabul	350	Dust tolerant, very common in the region
4	Cordia spp.	Bhokar	250	Dust tolerant
5	Ficus bengalensis	Wad	200	Fluoride tolerant, common in the region
6	Tamarindus indica	Chinch	350	Tolerant to acidic soil
7	Nerium odoratum	Kanher	350	Tolerant of SO2, common
8	Albiziasaman	Shirish	250	Tolerant of CO2
9	Bauhinia purpurea	kanchan	250	Dust tolerant, cultivated near residential areas
10	Erythrinaindica	Pangara	200	Tolerant of CO2
11	Ficusglomerata	Umber	250	Tolerant of CO2 common
12	Ficusreligiosa	Pimpal	200	Tolerant of CO2 common
13	Derris indica	Karanj	350	TTolerant to air pollution, common in the region
14	Anthocephaluskadamba	Kadamba	250	Dust tolerant
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				



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 6 of 35

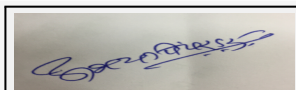
Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

Power requirement:	Source of power supply :	Pravara Renewable Energy Ltd	
	During Construction Phase: (Demand Load)	-	
	DG set as Power back-up during construction phase	2 of 1250 kVA capacity each	
	During Operation phase (Connected load):	2 of 1250 kVA capacity each	
	During Operation phase (Demand load):	6.9 MW /hr	
	Transformer:	-	
	DG set as Power back-up during operation phase:	2 of 1250 kVA capacity each	
	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	
Fugitive dust from handling of bagasse	Closed conveyor belt	Closed conveyor belt	
Process Effluent	ETP	ETP	
Domestic waste water	Septic tank and sock pit	STP	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--	
	O & M cost:	--	
51. Environmental Management plan Budgetary Allocation			
a) Construction phase (with Break-up):			
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	--	--	--
b) Operation Phase (with Break-up):			

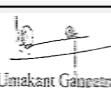


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 7 of 35

Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution	Bagasse handling system	75	25
2	Water pollution and management	Water recycling, ETP, STP, RWH	135	12
3	Environmental monitoring and safety	Environmental monitoring and safety	10	25
4	Greenbelt development	Greenbelt development	15	5

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	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:	--
	Width of all Internal roads (m):	Minimum 6 m wide
	CRZ/ RRZ clearance obtain, if any:	Not applicable



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 8 of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	Category B, 5 (j)
	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	01-01-1900

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

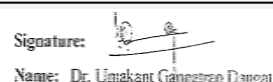
Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits at site.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP provided Effluent Treatment Plant. PP to provide Sewage Treatment Plant for the treatment of domestic sewage.
Drainage pattern of the project	The drains are provided considering the contour of the plot.
Ground water parameters	At few places potassium level area found more than prescribed limits. PP to identify the source and notify to the concern Competent Authority.
Solid Waste Management	PP proposes to use bagasse for in house application. The details are given in the column No. 36 & 38 of the consolidated statement.
Air Quality & Noise Level issues	As per data submitted by PP Air Quality are within the prescribed limits at project site. PP to identify the sources of noise pollution and take measures to reduce noise level on site like provision of acoustic enclosures, isolation of noise making equipments, etc.
Energy Management	The energy demand required for proposed project will be met by existing cogeneration plant.
Traffic circulation system and risk assessment	There is adequate space for parking purpose. The internal roads are with minimum six meter width with nine meter turning radius.
Landscape Plan	PP proposes to provide 33% green belt on area of 28.97 Ha. by planting total 43465 nos. of indigenous trees.
Disaster management system and risk assessment	PP has prepared emergency plan.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes EMP cost as mentioned in the Sr. No. 51 of the consolidated statement.
Any other issues related to environmental sustainability	PP to ensure to increase per hectare yield of sugar cane to meet the requirement of proposed expansion quantities instead of bringing new areas under sugar cane cultivation.



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 9 of 35



Dr. Umakant Dangat (Chairman SEAC-I)

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(j)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 140th meeting held on 20.07.2017.

Public Hearing is applicable as per EIA Notification, 2006.

Draft Terms of Reference (TOR) have been discussed and finalized during 140th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

1. PP to submit an undertaking that they have not violated the provisions of EIA Notification, 2006 and amendment thereof.

2. PP to carry out life cycle analysis for activities involved in the manufacturing process and related activities with the factory premises and include the same in the EIA report.

3. PP to submit detailed water balance chart showing consumption and recycle, reuse.

4. PP to provide Sewage Treatment Plant for domestic sewage and mark the location on layout plan.

5. PP to include proposed CSR activities in the EIA/EMP Report.

PP submitted EIA/EMP report in 158th A meeting of SEAC-1 held on 12.12.2018 wherein the proposal was deferred due to inadequate information.

Now, PP submitted the information.

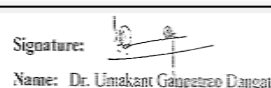
DECISION OF SEAC



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 180 Meeting Date: March 2,
2020**

**Page 10
of 35**



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

Public hearing was conducted on 29.08.2018 and included in the EIA report.

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

Specific Conditions by SEAC:

- 1) PP to prepare and implement sugar cane development plan so as to increase per hectare yield of sugar cane to meet the requirement of proposed expansion quantities instead of bringing additional areas under sugar cane cultivation.
- 2) PP to provide social infrastructure in the Z.P.Schools of study area like solar energy, sanitation facility, clean drinking water facility in consultation with the CEO Zilla Parishad, Ahmednagar.
- 3) PP to include carbon and water footprint in Environment Management Plan and adopt necessary measures to reduce the same.

FINAL RECOMMENDATION

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

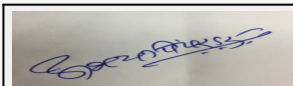
SEAC-AGENDA-0000000401

180th Meeting of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 1)**SEAC Meeting number: 180 Meeting Date March 2, 2020**

Subject: Environment Clearance for EXPANSION OF MS BILLETS / INGOTS MANUFACTURING UNIT (EXISTING MANUFACTURING CAPACITY OF MS BILLETS/INGOTS IS 66.66 MTD, PROPOSED EXPANSION BY CAPACITY 433.33 MTD, TOTAL CAPACITY AFTER EXPANSION WILL BE 500 MTD)

Is a Violation Case: No

1.Name of Project	MEENAKSHI FERRO INGOTS PVT LTD
2.Type of institution	Private
3.Name of Project Proponent	MR. UMANG AGARWAL
4.Name of Consultant	PARAMARSH
5.Type of project	INDUSTRIAL PROJECT
6.New project/expansion in existing project/modernization/diversification in existing project	EXPANSION OF EXISTING M.S. BILLETS/INGOTS MANUFACTURING PLANT 66.00 MTD TO 500 MTD
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	PROJECT ESTABLISHED IN YEAR 2005.
8.Location of the project	GAT NO. 350 & 361, BHANDGAON, KHOR ROAD
9.Taluka	YAVAT
10.Village	DAUND
Correspondence Name:	MEENAKSHI FERRO INGOTS PVT LTD
Room Number:	313/314
Floor:	N.A.
Building Name:	NORTH BLOCK, SACRED WORLD
Road/Street Name:	N.A.
Locality:	WANOWARIE
City:	PUNE
11.Whether in Corporation / Municipal / other area	OTHER AREA- BHANDGAON GRAM PANCHAYAT
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	PROPOSED EXPANSION ACTIVITY WILL BE START AFTER OBTAINING ENVIRONMENTAL CLEARANCE.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NOC FROM BHANDGAON GRAM PANCHAYAT
15.Total Plot Area (sq. m.)	TOTAL PLOT AREA AVAILABLE IS :-25798 SQM.
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.): 6500.765
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 09-04-2005
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	117100000.00

22.Number of buildings & its configuration

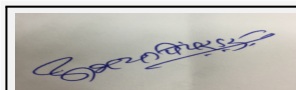
Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 12 of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

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	INTERNAL ROAD WIDE IS 06 METERS AND TURNING RADIUS IS 09 METERS WIDE.			
29.Existing structure (s) if any	EXISTING INDUCTION FURNACE SHED IS AVAILABLE WITH THE INDUSTRY. EXPANSION WILL BE CARRIED OUT IN EXISTING SHED INSTALLING TWO NEW INDUCTION FURNACES. EXISTING 4 MT INDUCTION FURNACE REPLACE IS WITH 20 MT AND 5 MT FURNACE IS ALSO REPLACE WITH 20 MT. A. 20 MT X 13= 260, B. 20 MT X 12= 240			
30.Details of the demolition with disposal (If applicable)	Not applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	MS BILLETS/INGOTS	2000	13000	15000
32.Total Water Requirement				



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 13 of 35

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

Dry season:	Source of water	WATER IS SOURCED FROM LOCAL SUPPLIER
	Fresh water (CMD):	50 CMD FOR EXISTING ACTIVITY,100 CMD FOR PROPOSED EXPANSION ACTIVITY, 150 CMD FOR TOTAL REQUIREMENT AFTER EXPANSION
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	02 CMD FOR EXISTING GARDEN,03 CMD FOR PROPOSED ACTIVITY, TOTAL WATER REQUIRED AFTER PROPOSED ACTIVITY IS 05 CMD
	Swimming pool make up (Cum):	NOT APPLICABLE
	Total Water Requirement (CMD) :	60 CMD WATER WILL REQUIRED FOR DAILY TOP UP AFTER EXPANSION
	Fire fighting - Underground water tank(CMD):	100 CMD UG TANK ALREADY CONSTRUCTED
	Fire fighting - Overhead water tank(CMD):	OVERHEAD TANK IS PROPOSED
	Excess treated water	REUSE FOR COOLING PURPOSE
Wet season:	Source of water	WATER IS SOURCED FROM LOCAL SUPPLIER
	Fresh water (CMD):	50 CMD FOR EXISTING ACTIVITY,100 CMD FOR PROPOSED EXPANSION ACTIVITY, 150 CMD FOR TOTAL REQUIREMENT AFTER EXPANSION
	Recycled water - Flushing (CMD):	NOT APPLICABLE
	Recycled water - Gardening (CMD):	02 CMD FOR EXISTING GARDEN,03 CMD FOR PROPOSED ACTIVITY, TOTAL WATER REQUIRED AFTER PROPOSED ACTIVITY IS 05 CMD
	Swimming pool make up (Cum):	NOT APPLICABLE
	Total Water Requirement (CMD) :	60 CMD WATER WILL REQUIRED FOR DAILY TOP UP AFTER EXPANSION
	Fire fighting - Underground water tank(CMD):	100 CMD UG TANK ALREADY CONSTRUCTED
	Fire fighting - Overhead water tank(CMD):	OVERHEAD TANK IS PROPOSED
	Excess treated water	REUSE FOR COOLING PURPOSE
Details of Swimming pool (If any)		Not applicable

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	03	05	08	01	01	02	02	04	06
Cooling tower & thermopack	50	100	150	20	40	60	00	00	00



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 14 of 35

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

Gardening	02	04	06	00	00	00	00	00	00
Fresh water requirement	20 (daily top up)	40 daily top up	60 (total water required for daily top up)	00	00	00	00	00	00

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	20-25 METERS BELOW GROUND LEVEL.
	Size and no of RWH tank(s) and Quantity:	DETAILS RAIN WATER HARVESTING SYSTEM WILL BE INCORPORATED IN EIA REPORT.
	Location of the RWH tank(s):	WITHIN WITHIN PREMISES OF COMPANY.
	Quantity of recharge pits:	PROPOSED RAIN WATER HARVESTING PITS WILL BE 05 NOS, IF REQUIRED NUMBERS OF PITS WILL BE INCREASED .
	Size of recharge pits :	DETAILS RAIN WATER HARVESTING PLAN WILL BE INCORPORATE IN FINAL EIA REPORT.
	Budgetary allocation (Capital cost) :	RS.500000/-
	Budgetary allocation (O & M cost) :	RS.300000/-
	Details of UGT tanks if any :	200 SQM

35.Storm water drainage	Natural water drainage pattern:	STORM WATER DRAIN SYSTEM WILL BE CONSTRUCTED AROUND THE PLANT.
	Quantity of storm water:	480 M3 BASED ON 60 MM RAINFALL
	Size of SWD:	300 MM X 450 MM X 300 MM

Sewage and Waste water	Sewage generation in KLD:	06 KLD
	STP technology:	MBBR TECHNOLOGY
	Capacity of STP (CMD):	10 M3/DAY
	Location & area of the STP:	IN THE PREMISES
	Budgetary allocation (Capital cost):	Rs.450000/-
	Budgetary allocation (O & M cost):	Rs. 150000/-

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	NEGLIGIBLE
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	Dry waste:	EXISTING SLAG 2.45 MTD, PROPOSED SLAG 12.55 MTD, EXISTING PROCESS DUST 81.67 KG/DAY, PROPOSED PROCESS DUST 418.33 KG/DAY.
	Wet waste:	N.A.
	Hazardous waste:	N.A.
	Biomedical waste (If applicable):	N.A.
	STP Sludge (Dry sludge):	IT WILL USED AS MANURE FOR GARDENING
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	SLAG WILL BE CRUSHED AND IRON WILL BE RECOVERED BY MAGNETIC SEPARATOR. REMAINING CRUSHED SLAG USED FOR BRICK MAKING, CONCRETE MIXING
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	USED AS MANURE FOR GARDENING.
	Others if any:	NA
Area requirement:	Location(s):	WITHIN INDUSTRIAL PREMISES.
	Area for the storage of waste & other material:	150 SQM REQUIRED
	Area for machinery:	400 SQM AVAILABLE
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	RS.1000000/-
	O & M cost:	RS. 300000/-

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	na	NA	NA	NA
Amount of effluent generation (CMD):		NA. In the process water is required only for cooling purpose for hot billets and furnace, water losses is as a evaporation loss, the remaining water is settled and cool, its reused for cooling process again.			
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		WATER WILL BE SETTLED AND COOLED AND WILL BE REUSED FOR COOLING PURPOSE.			
Disposal of the ETP sludge		NA			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	EXISTING FUME EXTRACTION ROTATING HOOD FOLLOWED BY SCRUBBER/BAG FILTER	ELECTRICITY	01	32	1.8	60-70



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 16 of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

2	PROPOSED FUME EXTRACTION ROTATING HOOD, DUCTING , ID FAN FOLLOWED BY VENTURI SCRUBBER/BAG FILTER	ELECTRICITY	01	35	1.8	60-70
---	--	-------------	----	----	-----	-------

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	ELECTRICITY	5.5 MW	4.5 MW	10.00 MW

41.Source of Fuel MSSEDCL POWER CONNECTION

42.Mode of Transportation of fuel to site TRANSMISSION LINE OF MSSEDCL

43.Green Belt Development	Total RG area :	GREEN BELT AREA IS 8965.875 SQM.
	No of trees to be cut :	00
	Number of trees to be planted :	450 NOS
	List of proposed native trees :	NEEM, BABUL, EUCALYPTUS, MANGO, APTA ETC
	Timeline for completion of plantation :	FIVE YEARS

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

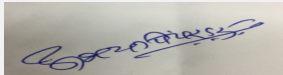
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	AZADIRACHATA INDICA	NEEM	150	FAST GROWING AND HARDY PLANT
2	ACACIA NILOTICA	BABUL	100	SHADY TREE WITH YELLOW FLOWERS
3	BAUHINIA RACEMOSA	AAPTA	50	SMALL TREE WITH SMALL WHITE WHITE FLOWERS
4	MAGNIFERA INDICA	MANGO	50	SHADY TREE
5	ZIZIPHUS MAURITIANA	BER	50	SHADY TREE, MEDICINAL USE
6	MIMUS OPSELENGI	BAKUL	50	SHADY TREE WITH SMALL WHITE FLOWER

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	CHINAROSE	2*2	4
2	GARDEN CROTON	1*1	1
3	BLACK PHYSICNUT	3*3	9
4	AMERICAN ALEO	2*2	4

47.Energy



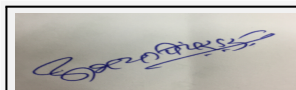
Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 17 of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	1 MW
	DG set as Power back-up during construction phase	320 KVA
	During Operation phase (Connected load):	10.00 MW
	During Operation phase (Demand load):	10.00 MW
	Transformer:	YES
	DG set as Power back-up during operation phase:	320 KVA
	Fuel used:	HSD /LDO
	Details of high tension line passing through the plot if any:	NA
48. Energy saving by non-conventional method:		
NA		
49. Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	NA	NA
50. Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
AIR POLLUTION FROM FURNACE	BAG FILTER AND DUST COLLECTOR	BAG FILTER AND DUST COLLECTOR
NOISE POLLUTION FROM D G sets	ACOUSTIC ENCLOSURE,	Acaustic enclosure
SOLID WASTE	COLLECTION ,SEGREGATION AND CRUSHING	COLLECTION OF SOLID WASTE CRUSH IT AND SEGREGATE IT BY MAGNETIC SEPARATOR
WATER POLLUTION FROM DOMESTIC WASTE WATER D G sets	SEPTIC TANK WITH SOAK PIT	FOR THE TREATMENT OF DOMESTIC WASTE WATER STP PROPOSED
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	00
	O & M cost:	00
51. Environmental Management plan Budgetary Allocation		



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 18 of 35

Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	NA	NA	NA				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	AIR POLLUTION CONTROL EQUIPMENT	AIR POLLUTION CONTROL EQUIPMENTS	65.00	01.20			
2	GREEN BELT DEVELOPMENT	PLANTATION AS WELL AS MAINTENANCE OF GREEN BELT IN THE PREMISES WHICH IS 33% OF TOTAL AREA	02.00	01.00			
3	SOLID WASTE MANAGEMENT	DISPOSAL OF SOLID WASTE TO BRICK MANUFACTURER.	10.00	03.00			
4	WASTE WATER TREATMENT	STP WILL BE PROVIDED FOR THE TREATMENT OF DOMESTIC WASTE WATER	04.50	01.50			
5	ENVIRONMENTAL CELL & MONITORING	ENVIRONMENT MANAGEMENT IN WITHIN THE PREMISES AS WELL AS OUTSIDE THE PREMISES BR ENVIRONMENT MANAGEMENT DEPARTMENT	05.00	03.00			
6	OCCUPATIONAL HEALTH & SAFETY MANAGEMENT	HEALTH FACILITIES WILL BE PROVIDED TO WORKERS. AS WELL AS WORKER WILL MONITORED REGULAR BASIS AND MEASURES WILL BE TAKEN CARE FOR THE SAME	03.00	01.00			
7	NA	TOTAL	89.50	11.70			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
N.A.	N.A.	N.A.	00	N.A.	N.A.	N.A.	N.A.
52.Any Other Information							

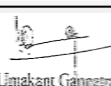


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 19
of 35

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

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:	3095.76 SQM (WHICH IS 12% OF THE TOTAL PLOT AREA.)
	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:	50- 55 TRUCKS WILL BE OPERATED AFTER COMMISION OF PROPOSED UNIT FOR TRANSPORTATION OF RAW MATERIAL AND FINISHED GOODS.
	Width of all Internal roads (m):	WIDTH OF INTERNAL ROADS IS 06.00 METERS.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	CATEGORY 'B' UNDER SCHEDULE 3(a)
	Court cases pending if any	NA
	Other Relevant Informations	THE EXPANSION ALONGWITH MS BILLETS WILL BE EXISTING STRUCTURAL STEEL/ROLLING MILL PLANT ALSO FROM 2000 MTM TO 15000 MTM.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
-------------------------------------	------------------	-------------------



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 20 of 35



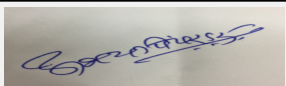
Dr. Umakant Dangat (Chairman SEAC-I)

53	ANY OTHER INFORMATION	EXISTING ROLLING MILL(ANGLE CHANNELS,ROUND , FLAT SQUIRE, STRUCTURAL STEELS BARS):2000 MTM, PROPOSED EXPANSION BY 13000 MTM, TOTAL CAPACITY AFTER EXPANSION WILL BE 15000 MTM
----	-----------------------	--

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits at site.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	There will be no generation of waste water. PP to provide STP for the treatment of domestic sewage.
Drainage pattern of the project	The drains are provided considering the contour of the plot.
Ground water parameters	As per data submitted by PP ground water parameters are within the prescribed limits at project site.
Solid Waste Management	The details of solid waste management is given in the Sr. No. 36 of the consolidated statement.
Air Quality & Noise Level issues	As per data submitted by PP Air Quality are within the prescribed limits at project site. PP to identify the sources of noise pollution and take measures to reduce noise level on site like provision of acoustic enclosures, isolation of noise making equipments, etc.
Energy Management	The energy demand will be 10 MW which will be supplied by MSEDCL. PP proposes one DG Set of capacity 320 KVA.
Traffic circulation system and risk assessment	PP provided minimum road width of six meter with nine meter turning radius.
Landscape Plan	PP proposes to provide 33% green belt within the premises.
Disaster management system and risk assessment	PP prepared emergency plan.
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.89.50 Lakh as capital cost and Rs. 11.70 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

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 180 Meeting Date: March 2, 2020	Page 21 of 35	 Dr. Umakant Dangat (Chairman SEAC-I)
--	---	----------------------	--

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 the 154th meeting of SEAC-1 held on 29.08.2018 wherein ToR was grnated to the PP for the preparation of EIA/EMP report as per standard ToR published by MoEF&CC and additional points mentioned below,

1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
2. PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, Raw Material and Finished product storage areas, 33% green belt with its dimensions, rain water harvesting pit/tank locations with dimensions, storm water drain lines, along with area statement showing calculations of each area and cross sections of storm water drain and rain water harvesting pits etc.
3. PP to include details of measures adopted to reduce water requirement in the proposed expansion and submit comparison with existing water requirement and production quantities.
4. PP to provide adequate space for the storage of finished products and raw materials and mark the same on lay out.
5. PP to explore possibility to recover waste heat by way of process re-engineering and submit a report.
6. PP to carry out risk assessment and submit a disaster management plan.
7. PP to submit structural stability certificate of existing structures with respect to the accommodation of proposed expansion.
8. PP to submit design details of the scrubber.
9. PP to provide new and renewable energy for illumination of office buildings and street lights.
10. PP to include slag management and disposal plan in the EIA report.

Public Consultation to be carried out as per procedure stipulated in the EIA Notification, 2006.

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

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

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

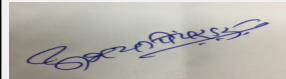
PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

PP submitted EIA/EMP report for appraisal in 177th meeting wherein the propsoa was defered till submission of compliance of following ponts,

1. PP to submit revised structural stability certificate including "the existing steel and civil structure are suitable to take load of proposed two furnaces having capacity 20 T."
2. PP to submit an undertaking for removal of waste slag twice a week and no storage of slag will be on site.
3. PP to submit an undertaking for compliance of recommendations of the Risk Assessment. PP to appoint a safety officer having qualification as per Factories Act.
4. PP to submit their CER plan approved by the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
5. PP to submit their plan for green belt development with name of the indigenous trees and provision of drip irrigation. PP to include cost of drip irrigation in the EMP.

Now PP submitted complaince of above points.

DECISION OF SEAC


**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 180 Meeting Date: March 2,
2020**

**Page 22
of 35**


Signature:
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

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

Specific Conditions by SEAC:

- 1) PP to provide social infrastructure like sanitation facility/ Clean drinking water and solar power from their CER fund in consultation with the CEO Zilla Parishad, Pune.
- 2) PP to ensure removal of waste slag twice a week.
- 3) PP to ensure compliance of recommendations of the Risk Assessment. PP to appoint a safety officer having qualification as per Factories Act.
- 4) PP to provide STP for the treatment of domestic sewage.
- 5) PP to include carbon and water foot print monitoring in their management plan. PP to take necessary steps in reduction of water and carbon foot print through various modern technologies.

FINAL RECOMMENDATION

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

SEAC-AGENDA-000000007

include carbon and water foot print monitoring in their management plan. PP to take necessary steps to reduce
of water and carbon foot print through various modern technologies.

FINAL RECOMMENDATION

We decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions.

Agarwal

Abhay Pimparkar (Secretary SEAC-I)

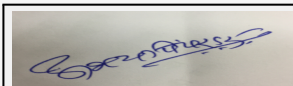
SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 23
of 35

Signature: 
Name: Dr. Umakant Gangotri Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

180th Meeting of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 1)**SEAC Meeting number: 180 Meeting Date March 2, 2020****Subject:** Environment Clearance for Amendment in the existing Environment clearance for development of port based Multi product SEZ at Jawaharlal Nehru Port Trust (JNPT) Area (Phase I)**Is a Violation Case:** No

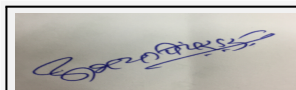
1.Name of Project	Amendment in the existing Environment clearance for development of port based Multi product SEZ at Jawaharlal Nehru Port Trust (JNPT) Area (Phase I)
2.Type of institution	Government
3.Name of Project Proponent	Jawaharlal Nehru Port Trust
4.Name of Consultant	Fine Envirotech Engineers
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, vide Environmental Clearance no. SEAC-2014/CR-302/TC2 dated 05.12.2014
8.Location of the project	Sawarkhar, Karal, Sonari & Jaskahar
9.Taluka	Uran
10.Village	Sawarkhar, Karal, Sonari & Jaskahar
Correspondence Name:	Mr. S. V. Madbhavi
Room Number:	Office of the CMPPD
Floor:	2nd Floor
Building Name:	Jawaharlal Nehru Port Trust, Administration Building
Road/Street Name:	Jawaharlal Nehru Port Trust
Locality:	Sheva
City:	Uran, Navi Mumbai
11.Whether in Corporation / Municipal / other area	Jawaharlal Nehru Port Area
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 2000000
13.Note on the initiated work (If applicable)	Short not attached
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	277.38 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.): 2000000
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: 16-07-2014
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	4760000000

22.Number of buildings & its configuration**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 180 Meeting Date: March 2, 2020****Page 24
of 35**Signature: 

Name: Dr. Umakant Dangat

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

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))	60m 45m 30m 18m			
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	Food processing: Sugar refining, Sugar, Flour mills (excluding Domestic Aatta Chakki), Malted food, Food including fruits and vegetable processing.	0	0	0
2	Engineering, Auto & Electrical- Electroplating, Galvanizing, Industry or process involving metal treatment or process such as pickling, surface coating, paint baking, paint stripping, heat treatment, phosphating or finishing, Iron and steel (involving processing from ore/scrap/integrated steel plants)	0	0	0
3	Pharmaceutical-Pharmaceuticals formulation	0	0	0
4	Paints-Synthetic resins, Paints & varnishes, Dye & Dye-intermediates, Pigments and intermediates	0	0	0
5	Lube-Lubricating oils, greases or petroleum - based products	0	0	0



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 25 of 35

Signature:



Name: Dr. Umakant Gangotree Dangat

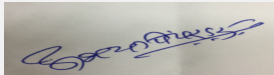
Dr. Umakant Dangat (Chairman SEAC-I)

6	Textiles-Synthetic fiber including rayon, tyre cord, polyester filament yarn, Surgical and medical products involving prophylactics and latex, Yarn and textile processing involving scouring, bleaching, dyeing, printing or any effluent/emission generating process, Industry or process involving foundry operations, Cotton spinning and weaving,	0	0	0
7	Tyres-Tyres and tubes Vulcanization/retreading/moulding	0	0	0

32.Total Water Requirement

Dry season:	Source of water	MJP, CIDCO & Recycled
	Fresh water (CMD):	6996.5
	Recycled water - Flushing (CMD):	2557.5
	Recycled water - Gardening (CMD):	2030
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	13984
	Fire fighting - Underground water tank(CMD):	As per NBC Norms
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	2822.97
Wet season:	Source of water	MJP, CIDCO & Recycled
	Fresh water (CMD):	6996.5
	Recycled water - Flushing (CMD):	2557.5
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	11954
	Fire fighting - Underground water tank(CMD):	As per NBC Norms
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	4852.97
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 26
of 35

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	2557.50	0	2557.50	225.06	0	225.06	2332	0	2332
Industrial Process	5900.00	0	5900.00	531.00	0	531.00	5369	0	5369
Gardening	3699.83	0	3699.83	2214.89	0	2214.89	0	0	0
Fresh water requirement	6557.59	0	6557.59	625.08	0	625.08	3199.30	0	3199.30

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	1 to 2 meter
	Size and no of RWH tank(s) and Quantity:	8000 cum
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	3.16 Crores
	Budgetary allocation (O & M cost) :	25 Lakhs
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	Natural water drainage pattern:	West & South-West Side
	Quantity of storm water:	205368 m3/hr
	Size of SWD:	0.2x0.45x0.40x0.60, 0.50x0.7,0.60x0.9, 0.8x1.0, 0.9x1.2, 1.2x1.5 m

Sewage and Waste water	Sewage generation in KLD:	2638.55
	STP technology:	Sequencing Batch Reactor
	Capacity of STP (CMD):	6.5 MLD (2 MLD + 2 MLD + 2.5 MLD)
	Location & area of the STP:	Processing Zone
	Budgetary allocation (Capital cost):	135872000
	Budgetary allocation (O & M cost):	25

36.Solid waste Management



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 27
of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Solid Waste generated from domestic sources would be about 10.5 TPD (Existing) for processing zone and about 20.8 TPD (Existing) from Non-processing zone
	Disposal of the construction waste debris:	Construction and Demolition Waste Management Rules, 2016
Waste generation in the operation Phase:	Dry waste:	9.816 TPD
	Wet waste:	14.724 TPD
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	The sludge from planned 2 STPs will be used as manure in gardening
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	The solid waste would be disposed off as per Solid Waste Management Rules, 2016
	Wet waste:	The solid waste would be disposed off as per Solid Waste Management Rules, 2016
	Hazardous waste:	Hazardous waste will be disposed off as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	The sludge from planned 2 STPs will be used as manure in gardening
	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:	50
	O & M cost:	10

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not Applicable	7-8	7-8	6.5-8.5
2	Suspended Solids	mg/l	250-300	upto 10	100
3	BOD 3 days 27 degree C	mg/l	350-400	Less than 10	100
4	COD	mg/l	450-600	upto 40	250
5	Oil & Grease	mg/l	10-20	Nil	10
6	Total Nitrogen	mg/l	40-70	Less than 10	100
7	Ammonical Nitrogen	mg/l	Not Applicable	Less than 1	50
8	Phosphate	mg/l	5-7	Less than 2	5
9	Residential Chloride	mg/l	Not Applicable	Less than 1	1
Amount of effluent generation (CMD):		Not Applicable			
Capacity of the ETP:		Not Applicable			



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 28 of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

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	0	0	0	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	DG Set 15 X 100 kVA	Diesel	1 to 10	3.5	0.1	150
2	DG Set 15 X 250 kVA	Diesel	11 to 20	4.9	0.20	150
3	DG Set 16 X 500 kVA	Diesel	21 to 30	6.5	0.35	150
4	DG Set 5 X 650 kVA	Diesel	31 to 32	7.5	0.45	150

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	1409	0	1409

41.Source of Fuel Through Authorized Dealer

42.Mode of Transportation of fuel to site Road

43.Green Belt Development	Total RG area :	29.52 Ha
	No of trees to be cut :	0
	Number of trees to be planted :	1 tree per 100 sq.m. plot area addition to green belt
	List of proposed native trees :	Native Species
	Timeline for completion of plantation :	1

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:

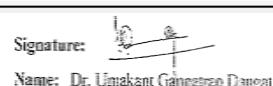
Serial Number	Name	C/C Distance	Area m2
1	Not Applicable	Not Applicable	Not Applicable



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 29 of 35



Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	4 MW
	DG set as Power back-up during construction phase	1
	During Operation phase (Connected load):	55 MVA
	During Operation phase (Demand load):	55 MVA
	Transformer:	Not Applicable
	DG set as Power back-up during operation phase:	32
	Fuel used:	Diesel
	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	0

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Stacks for DG sets	Not Applicable
Water	Sewage Treatment Plant	Not Applicable
Noise	Green Belt & acoustic enclosure to DG set	Not Applicable

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

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression Measure, Stack etc.	0.75	0.15



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 30 of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

2	Water Pollution Control	STP, SWD, RWH	68.05	3.0
3	Noise Pollution Control	Barricading	0.40	0.10
4	Environmental Monitoring & Management	Regular Monitoring	0	0.20
5	Occupational Health	PPE & Training	0	0.35
6	Green Belt	Tree Plantation	6.50	0.60
7	Solid Waste Management	Diposal of waste as per MSW Rules	1.0	0.50
8	Safety Measures Staff training & awareness	Provision of PPE/training etc	0	0.50
9	Rain Water Harvesting	Provision of rain water harvesting pits	3.16	0.25
10	Total	Not Applicable	79.86	5.75

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	0	0	0	Not Applicable	Not Applicable

52.Any Other Information

No Information Available

53.Traffic Management

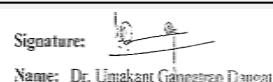
Nos. of the junction to the main road & design of confluence:	The NH4 B & SH 54 are the main access roads to the JNPT area. The majority of the Container Traffic is on NH 4 B, The container/cargo movement of SH 54 is m
---	--



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 31 of 35



Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	121362.5 nos.
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	1000
	Number of 4-Wheelers as approved by competent authority:	9469
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Yes
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8 (b) township and area developement projects
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 32 of 35

Signature:



Name: Dr. Umakant Dangat

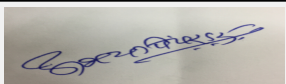
Dr. Umakant Dangat (Chairman SEAC-I)

Representative of PP Mr. Madbhave & Architect Mr. Bhawe were present during the meeting along with environmental consultant M/s Fine Envirotech Engineer. PP stated that, they have obtained EC for development of Port based Multi Product SEZ at JNPT Area Phase 1 vide letter dated 5th December, 2014. PP stated that, the earlier project was considered under 8 (b) B1 category of EIA Notification, 2006 as mentioned in EC.

Committee noted that, the project allotted online to SEAC-1 but later transferred to SEAC-2. During discussion committee noted that SEAC-I apprised the project when the EC dated 5th December, 2014 granted. Committee further noted that issues regarding "SEZ" are clearly mentioned in the 7 (C) category of EIA Notification, 2006. Committee also noted that, the proposed amendment is to include additional commodities like Food processing, Engineering, Auto & Electrical, Pharmaceutical, Paints etc which are not in the purview of SEAC-II committee. However, PP agreed that the individual units like Food processing, Engineering, Auto & Electrical, Pharmaceutical, Paints etc will obtain independent EC. Further PP will also set up Common effluent treatment Plant (CETP) for treating industrial effluent and STP of adequate capacity for treatment of domestic sewage/waste water.

As the PP has ensured that in respect of each individual industry coming up in the SEZ separate EC will be obtained after getting the proposal appraised by competent committee, this Committee as regards Area Development under clause 8(a) is concerned, finds it fit for recommendation. But as SEZ as a subject is specifically mentioned in clause 7(c), for which SEAC 1 becomes competent to appraise the Proposal and as it was SEAC 1 which appraised the project earlier on 5.12.2014 on the basis of which the EC was granted earlier, SEIAA may take appropriate decision regarding requirement of appraisal by SEAC 1 to present proposal of amendment to earlier EC.

DECISION OF SEAC


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2,
2020

Page 33
of 35

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

During discussion with the PP and their accredited consultant, PP informed that, they have submitted their application under category 8(b) of the schedule attached to the EIA Notification, 2006 and was considered by the SEAC-2 in their 79th meeting held on 28.11.2018 where in the proposal was referred to the SEIAA with following remarks,

"As the PP has ensured that in respect of each individual industry coming up in the SEZ separate EC will be obtained after getting the proposal appraised by competent committee, this Committee as regards Area Development under clause 8(a) is concerned, finds it fit for recommendation. But as SEZ as a subject is specifically mentioned in clause 7(c), for which SEAC 1 becomes competent to appraise the Proposal and as it was SEAC 1 which appraised the project earlier on 5.12.2014 on the basis of which the EC was granted earlier, SEIAA may take appropriate decision regarding requirement of appraisal by SEAC 1 to present proposal of amendment to earlier EC."

SEIAA considered the proposal in their 188th meeting held on 15.11.2019 where in SEIAA directed SEAC-1 to appraise the proposal further. Hence, SEAC-1 considered the proposal for appraisal.

The brief information of the project as informed by the PP is as under,

. The Environment department through SEIAA vide letter No. SEAC- 2014/CR-302/TC2 dated 5th December, 2014 have granted the Environment clearance in its 77th meeting for the Development of Port based Multi-Product SEZ at JNPT for an area of 277.38 Ha. of which 200.38 Ha. was for processing area and 77 Ha. was for residential purpose.

. The approval for setting up a Multi-Product SEZ was granted to the PP by the Ministry of Commerce & Industry (MOC&I), Government of India vide letter dated 14th July 2014. Pursuant to a Gazette notification bearing No. S.O. 2047 (E) dated 11th August 2014. area admeasuring approximately 277.38 Ha at JN Port, Navi Mumbai, Maharashtra is notified as Port Based Special Economic Zone.

. The Formal Approval has been extended from time to time by the MOC&I and vide letter dated 9th July 2018 , now, the validity is extended upto to 15th July 2020 subject to the terms and conditions stated therein.

. JNPT is appointed as the Special Planning Authority (SPA) by the Government of Maharashtra vide its notification bearing no. TPS-1717/612/CR0219/17/UD-12 dated 20th December 2017 as per the Maharashtra Regional and Town Planning Act, 1966 (the Act) for the SEZ Area. As Special Planning Authority, JNPT SEZ will be performing the function of planning and regulating the development within SEZ.

. The infrastructure development for JNPT SEZ includes all basic infrastructure namely power, water, storm water drain, roads. Basic utilities like water, power and sewage line will be provided at edge of the plot boundary. JNPT is investing over Rs. 550 Cr. for development of this infrastructure. The maintenance cost will be borne by individuals establishing their projects in the Special Economic Zone.

. The earlier Environmental clearance was granted to the PP under category 8(b) B1 of the schedule attached to the EIA notification 2006.

. The Present Proposal:

As per earlier EC No. SEAC-2014/CR-302/TC-2 dated 05.12.2014, The total area of SEZ is 277.38 ha in which area indicated for processing is 200.38 ha and 77 Ha. area is proposed for residential purpose.

Now PP intends to change the land use of 77 Ha. from residential purpose to the processing area. Therefore PP applied for amendment in the EC.

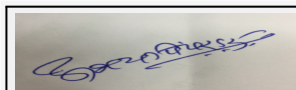
Recommendations:

After detailed deliberations with the PP and thier consultant, it is observed that, total area of 277.38 Ha. is now available to the JNPT for development of infrastructure and basic amenities in the Multi - product SEZ (processing area) and necessary approvals have been granted by the MOC&I, New Delhi and Govt. of Maharashtra.

In view of above, SEAC-1 decided to recommends the propsoal for amendment in the earlier EC subejct to the follwoing conditions,

1. The General and Specific conditions stipulated in the ealrier EC will remain same.
2. This Environemntal Clearance shall be limited to the development of basic infrastructure and aminities like roads, storm water drain lines, sewer lines, electrcity etc.
3. In case any processing/manufacturing/industrial unit attracts the provision of EIA Notificaation, 2006 amended form time to time, shall obtian necesasry prior Environmental Clearance from the Competetn Authority before initiating any actovity on site.

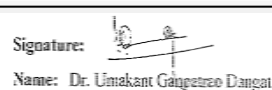
Specific Conditions by SEAC:



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 2, 2020

Page 34 of 35

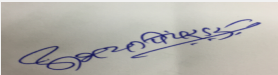


Dr. Umakant Dangat (Chairman SEAC-I)

FINAL RECOMMENDATION

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

SEAC-AGENDA-00000000407



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 180 Meeting Date: March 2,
2020**

**Page 35
of 35**



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