| Agenda of 163rd Meeting | of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 4) |
|---|---|
| SEAC Me | eting number: 163 Meeting Date March 15, 2019 |
| | r Expansion of Synthetic Organic Chemicals Manufacturing facility. |
| Is a Violation Case: Yes | 2 Inpunction of Official of Samo Origination Frankladouring Taomof. |
| is a violation case. 163 | |
| 1.Name of Project | Expansion of Synthetic Organic Chemicals Manufacturing facility at Plot No. H - 8, MIDC Satpur, Tal Nasik, Dist. Nasik by Spak Orgo Chem (India) Private Limited. |
| 2.Type of institution | Private |
| 3.Name of Project Proponent | Spak Orgo Chem (India) Private Limited. |
| 4.Name of Consultant | Aditya Environmental Services Pvt. Ltd. |
| 5.Type of project | Not applicable |
| 6.New project/expansion in existing project/modernization/diversification in existing project | Expansion of existing manufacturing facility |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | No |
| 8.Location of the project | Plot No. H - 8, MIDC Satpur, Tal Nasik, Dist. Nasik, Maharashtra |
| 9.Taluka | Nashik |
| 10.Village | MIDC Satpur |
| Correspondence Name: | Ameya Jogalekar |
| Room Number: | H-8, MIDC, Satpur, Dist : Nashik |
| Floor: | Not applicable |
| Building Name: | Not applicable |
| Road/Street Name: | Not applicable |
| Locality: | MIDC Satpur |
| City: | Nashik |
| 11.Area of the project | Not Applicable |
| 11.Aleu of the project | Not Applicable |
| 12.IOD/IOA/Concession/Plan | IOD/IOA/Concession/Plan Approval Number: Not Applicable |
| Approval Number | Approved Built-up Area: |
| 13.Note on the initiated work (If applicable) | Consent to establish was obtained from MPCB in the year 2010 and consent to operate with expansion having consent validity upto 31.05.2017 in the year 2012 from the MPCB regional office without obtaining environmental clearance |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | Plan Approved by MIDC |
| 15.Total Plot Area (sq. m.) | 4234.85 sq. m |
| 16.Deductions | Not applicable |
| 17.Net Plot area | 4234.85 sq. m |
| | a) FSI area (sq. m.): Not applicable |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI) | b) Non FSI area (sq. m.): Not applicable |
| | c) Total BUA area (sq. m.): |
| | Approved FSI area (sq. m.): Not applicable |
| 18 (b).Approved Built up area as per DCR | Approved Non FSI area (sq. m.): Not applicable |
| | Date of Approval: 07-04-2018 |
| 19.Total ground coverage (m2) | Not applicable |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | Not applicable |
| 21.Estimated cost of the project | 38707565 |
| 22 Num | ber of buildings & its configuration |

22.Number of buildings & its configuration

| Abhay Pimparkar (Secretary SEAC-I) | SEAC Meeting No: 163 Meeting Date: March 15, 2019 | | Signature: Name: Dr. Umakant Gangetrao Dangat Dr. Umakant Dangat (Chairman SEAC-I) |
|---------------------------------------|--|--|---|
|---------------------------------------|--|--|---|

| Serial number | Buildin | g Name & number Number of floors Height of the build | | | | | | | |
|--|--|--|--------------|--------|-----------------|--------------|--|--|--|
| 1 | 1 | Not applicable Not applicable | | | | | | | |
| 23.Number tenants an | | Not applica | ble | | | | | | |
| 24.Number expected r users | | Not applica | ble | | | | | | |
| 25.Tenant per hectar | | Not applica | ble | | | | | | |
| 26.Height building(s) | | | | | | | | | |
| 27.Right o (Width of t from the n station to t proposed b | the road earest fire the | Not Applica | ble | | | 332 | | | |
| 28.Turning for easy ac fire tender movement around the excluding for the pla | cess of from all building the width | Not applica | ble | | | 3001 | | | |
| 29.Existing structure (| | Not applica | ble | | | | | | |
| 30.Details demolition disposal (I applicable) | with f | Not applica | ble | | × | | | | |
| | | | 31. P | roduct | tion Details | | | | |
| Serial Number | Pro | duct | Existing | (MT/M) | Proposed (MT/M) | Total (MT/M) | | | |
| 1 | Organic S | urfactants | 76 | 5.5 | 0 | 76.5 | | | |
| 2 | Organie | c Esters | 13 | 1.3 | 0 | 131.3 | | | |
| 3 | Poly Ele | ctrolytes | 18 | 8.0 | 0 | 18.0 | | | |
| 4 | | and other surfactants | 60 |).0 | 0 | 60.0 | | | |
| | Si | 3 | 2.Tota | l Wate | r Requireme | nt | | | |



| | | Source of wa | ter | Not applical | ole | | | | | | |
|--------------------------------------|----------------|--|----------|----------------|----------------|------------|----------|--------------|-------|--|--|
| | | Fresh water | (CMD): | Not applical | ole | | | | | | |
| | | Recycled wat Flushing (CM | | Not applical | Not applicable | | | | | | |
| Recycled water - Gardening (CMD): | | | | Not applicat | ole | | | | | | |
| | | Swimming pool Not applicable | | | | | | | | | |
| Dry seasor | 1: | Total Water Requirement : | (CMD) | Not applical | ble | | | | | | |
| | | Fire fighting Underground tank(CMD): | | Not applical | ble | | | 2 | | | |
| | | Fire fighting Overhead wa tank(CMD): | | Not applical | ble | | 5 | 3 | | | |
| | | Excess treate | ed water | Not applical | ole | | | | | | |
| | | Source of wa | ter | Not applical | | | | | | | |
| | | Fresh water | | Not applical | ole | | | | | | |
| | | Recycled wat Flushing (CM | | Not applical | ole | \bigcirc | | | | | |
| | | Recycled wat Gardening (C | | Not applicable | | | | | | | |
| | | Swimming po make up (Cu | | Not applicat | ole | | | | | | |
| Wet seaso | n: | Total Water Requirement | (CMD) | Not applical | ble | | | | | | |
| | | Fire fighting Underground tank(CMD): | | Not applical | ble | | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | ter | Not applical | ble | | | | | | |
| | | Excess treate | ed water | Not applical | ole | | | | | | |
| Details of pool (If an | Swimming y) | Not applicable | • | | | | | | | | |
| | | 33. | Detail | s of Total | l water co | nsume | d | | | | |
| Particula rs | Cons | umption (CM | D) | Ι | Loss (CMD) | | Efi | fluent (CMD) | | | |
| Water Require ment | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | | |
| Domestic | 3.5 | 0 | 3.5 | 0.5 | 0 | 0.5 | 3.0 | 0 | 3.0 | | |
| Industrial Process | 8.0 | 0 | 8.0 | 0 | 0 | 0 | 8.0 | 0 | 8.0 | | |
| Cooling tower & thermopa ck | 19.2 | 0 | 19.2 | 16.5 | 0 | 16.5 | 2.7 | 0 | 2.7 | | |
| Gardening | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | | |
| | | | | | | | | | | | |

| A geo theses | | | Signature: |
|----------------------------|--|-----------|------------------------------------|
| CEGY - | | | Name: Dr. Umakant Gaugatrao Dangat |
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 3 of | Dr. Umakant Dangat |
| SEAC-I) | 15, 2019 | 90 | (Chairman SEAC-I) |

| | 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 |
| 34.Rain Water Harvesting | Quantity of recharge pits: | Not Applicable |
| (RWH) | 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 |
| | | |
| | Natural water drainage pattern: | Not applicable |
| 35.Storm water drainage | Quantity of storm water: | Not applicable |
| | Size of SWD: | Not applicable |
| | • | |
| | Sewage generation in KLD: | 3.0 cmd |
| | STP technology: | Not Applicable as Soak Pit is provided for discharge of sewage generated & overflow if any is used for Gardening. |
| Sewage and | Capacity of STP (CMD): | Not Applicable |
| Waste water | Location & area of the STP: | Not Applicable |
| | Budgetary allocation (Capital cost): | Not Applicable |
| | Budgetary allocation (0 & M cost): | Not Applicable |
| | 36.Soli | d waste Management |
| Waste generation in | Waste generation: | Not Applicable |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | Not Applicable |
| | Dry waste: | HDPE drums : 50 Nos. / Month & Plastic bags : 400 Nos./ month |
| | Wet waste: | Not Applicable |
| Wasto generation | Hazardous waste: | Category 35.3 : ETP sludge - 10 Kg/ Day |
| Waste generation in the operation Phase: | Biomedical waste (If applicable): | Not Applicable |
| I HUGO | STP Sludge (Dry sludge): | Not Applicable |
| | Others if any: | Not Applicable |
| | | |

| | Signature: | |
|--------------------------------------|---------------------------------|---|
| | Name: Dr. Umaka | ant Galupetree Daugat |
| : 163 Meeting Date: March 🛛 📗 Page - | <mark>l of</mark> 🛛 Dr. Umakant | : Dangat |
| 15, 2019 | 90 Chairman S | EAC-I) |
| | | : 163 Meeting Date: March Page 4 of Dr. Umakant |

| | | Dry waste: | | Sale to Authorized party | | | | | | |
|--------------------------|-------------------|--|-------------------|--|---------------------|---------------------------------------|-----------------------------|-------------------------------------|-------|--|
| | | Wet waste | | Not applica | | | | | | |
| | | Hazardous | | CHWTSDF | | | | | | |
| Mode of a of waste: | Disposal | Biomedica applicable | l waste (If): | Not applicable | | | | | | |
| | | STP Sludg sludge): | e (Dry | Not applicable | | | | | | |
| | | Others if a | ny: | Not applica | ble | | | | | |
| | | Location(s |): | Utility Area | | | | | | |
| Area requirem | ent: | Area for th of waste & material: | | 30 Sq. mtr. | | | | | | |
| | | Area for m | achinery: | Not Applica | ble | | | | | |
| Budgetary | | Capital co | st: | Not applica | ble | | | 0 | | |
| (Capital co O&M cost) | | O & M cos | t: | Not applica | ble | | | | | |
| | · | | 37.Ef | fluent Cl | narecter | estics | | | | |
| Serial Number | Paran | neters | Unit | Inlet E | ffluent erestics | Outlet | Effluent cerestics | Effluent discharge standards (MPCB) | | |
| 1 | р | H | - | 8 | .5 | 6. | 5-7 | 5.5-9.0 | | |
| 2 | CO | DD | mg/lit | 7000- | 10000 | 700- | 1300 | < 250 | | |
| 3 | BC | DD | mg/lit | 32 | 3200 | | 3200 200-275 < 100 | | < 100 | |
| 4 | TI | DS | mg/lit | 30 | 00 | 0- | 40 | < 2100 | | |
| 5 | TS | SS | mg/lit | 100 | 000 | 150 | -200 | <100 | | |
| 6 | Oil & Oil | Grease | mg/lit | 60 | 00 | 8 | -9 | <10 | | |
| 7 | Sulp | hate | mg/lit | 1400 | 1800 | 40 | 00 | < 1000 | | |
| 8 | Chlo | rides | mg/lit | 65 | 50 | <6 | 500 | < 600 | | |
| Amount of e (CMD): | effluent gene | eration | Trade Efflu | ent - 10.7 cm | ıd | | | | | |
| Capacity of | the ETP: | | 11 cmd | | | | | | | |
| Amount of t recycled : | reated efflue | ent | 10.7 cmd | | | | | | | |
| Amount of v | vater send to | o the CETP: | Not Applica | able (It is Zero Liquid Discharge Unit) | | | | | | |
| Membershij | p of CETP (if | require): | Not Applica | licable | | | | | | |
| | P technology | | 5 | Secondary and Tertiary Treatment including MEE | | | | | | |
| Disposal of | the ETP sluc | lge | CHWTSDF | | | | | | | |
| | CY | | 38.Ha | zardous | Waste D | etails | | | | |
| Serial Number | | iption | Cat | UOM | Existing | Proposed | Total | Method of Disposal | | |
| 1 | ETP S | ludge | 35.3 | Kg/day | 10 | 0 | 10 | CHWTSDF | | |
| | | | 39.St | acks em | ission D | etails | | | | |
| Serial Number | Section | & units | | ed with ntity | Stack No. | Height from ground level (m) | Internal diameter (m) | Temp. of Exhaust Gases | | |
| 1 | Boiler (ca Ton | | Briquette 2 | .47 Ton/day | 1 | 30 | 0.450 | 175 | | |

| agger of the est | | | Signature: Name: Dr. Umakant Gangetreo Dangat |
|----------------------------|--|-----------|--|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 5 of | Dr. Umakant Dangat |
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| 2 | (capacity | luid heater 2 Lac kcal 1r) | Furna | ace oil | 184 kg/day | 2 | 20 | 0.3 | 50 | 170 |
|------------------|--------------|--|--------|--------------------------|-------------------|---------------|-----------------|--------|-----------------|----------------------------------|
| 3 | (capacity | luid heater 2 Lac kcal 1r) | Furna | ace oil | 184 kg/day | 3 | 20 | 0.3 | 50 | 170 |
| 4 | | 200 KVA bosed) | I | HSD 20 | 0 Lit/hr | 4 | as per norms | N. | A | NA |
| | | | 4 | 0.De | tails of F | uel to | be used | | | |
| Serial Number | Tyj | pe of Fuel | | | Existing | | Proposed | | | Total |
| 1 | E | Briquette | | | 2.47 Ton/day | 7 | 0 | | | 2.47 Ton/day |
| 2 | Fu | ırnace oil | | | 368 kg/day | | 0 | | | 368 kg/day |
| 3 | | HSD | | | 0 lit/hr | | 20 Lit/hr | | | 20 Lit/hr |
| 41.Source o | f Fuel | | | Local | | | | | | 3 |
| 42.Mode of | Transportat | tion of fuel to | site | By Ro | bad | | | | | |
| | | | | | | | | | | |
| | | Total RG a | rea : | | as per norm | ıs | | | | |
| | | No of tree: | s to b | to be cut Not Applicable | | | | | | |
| 43.Gree | | Number of be planted | | Not Applicable | | | | | | |
| Develop | ment | List of pro native tree | | | | | | | | |
| | | Timeline f completion plantation | n of | | Not Applica | ıble | | | | |
| | 44.Nu | mber and | d list | c of t | rees spe | cies to | be plante | d in 1 | t he g i | round |
| Serial Number | Name of | the plant | Co | ommo | n Name | Qu | iantity | Cha | | istics & ecological nportance |
| 1 | Will be pro | ovide in EIA | Will | be pro | vide in EIA | Will be p | rovide in EIA | | Will be | e provide in EIA |
| 45 | .Total qua | ntity of plar | nts on | grou | nd | | | | | |
| 46.Num | ber and | l list of s | hrub | s an | d bushes | s specie | s to be pl | ante | d in t | he podium RG |
| Serial Number | | Name | 7 | | C/C Dista | nce | | | Area | m2 |
| 1 | Will be | provide in E | IA | И | /ill be provid | e in EIA | | Will] | oe provi | ide in EIA |
| | | | | | 47.Eı | nergy | | | | |



| | | Source of supply : | power | MSEDCL | | | | |
|--|------------|---|------------------------|-----------------------------------|--------|--|---------------|---------------------|
| | | During Co Phase: (De Load) | | Not Applica | able | | | |
| DG set as Power back-up during construction phas | | | | Not Applica | able | | | |
| | | During Op phase (Cor load): | | 180 KVA | | | | |
| Pov require | | During Op phase (De load): | | 180 KVA | | | | |
| | | Transform | er: | Not Applica | able | | | |
| | | DG set as back-up du operation | uring | 200 KVA | | | | 2.3 |
| | | Fuel used: | | HSD | | | | |
| | | Details of tension lin through th any: | e passing | Not Applica | ıble | | 100 | |
| | | 48.Ene | ergy savi | ng by no | n-co | nvention | al metho | od: |
| NA | | | | | 6 | | | |
| | | 4 | 9.Detail | calculati | ons | & % of s | aving: | |
| Serial Number | E | nergy Cons | | easures | | | | |
| 1 | | | NA | | · | | | NA |
| | | | | of polluti | ion c | ontrol S | | |
| Source | Ex | isting pollu | tion contro | l system Proposed to be installed | | | | to be installed |
| Boiler (capacity 1.5 | | | 0' | | | | | |
| Ton/hr) & TFH (2 nos.) - | Sta | ack height as | per CPCB g | uidelines Not Applicable | | | Applicable | |
| (capacity 2 Lac kcal /hr each) | 6 | | | | | | | |
| DG Set (200 KVA) | GY | Not | Applicable | | | Sta | ack height as | per CPCB guidelines |
| Budgetary (Capital | allocation | Capital cos | st: | NA | | | | |
| O&M | | 0 & M cos | t: | NA | | | | |
| 51 | .Enviro | onment | t <mark>al Ma</mark> r | nageme | ent j | olan Bu | udgetai | y Allocation |
| | | a) | Construe | c tion ph a | nse (v | with Bre | ak-up): | |
| Serial Number | Attri | butes | Para | meter | | Total (| Cost per anı | num (Rs. In Lacs) |
| 1 | N | A | N | IA | | | N | A |
| | | b |) Operat | ion Phas | e (wi | th Brea | k-up): | |
| Name: D | | | | | | Signature: Name: Dr. Umakant Gaugetreo Dangan Dr. Umakant Dangat | | |

| Serial Number | Com | ponent | Descr | iption | Capi | tal cost Rs Lacs | | tional and ost (Rs. in | Maintenance Lacs/yr) | |
|----------------------------|---|--|---|----------|------------------------------|--|---------------------------------|---------------------------|----------------------------|--|
| 1 | 1 | NA | N | A | A NA NA | | | | | |
| 51.S ⁻ | torage | e of che | micals | (infla | amabl | e/expl | osive/haz | zardou | s/toxic | |
| | 0 | | | | tance | _ | - | | - | |
| | | | | | | Maximum Quantity | | | | |
| Descrip | otion | Status | Locatio | | Storage Capacity in MT | of Storage at any point of time in MT | Consumption / Month in MT | Source of Supply | Means of transportation | |
| P.K.C | DIL | existing | at site | | 20 KL | 20 KL | 51 | local | By Road | |
| CFA | ł | existing | at site | | 20 KL | 20 KL | 145.3 | local | By Road | |
| RBFA/OLE | IC ACID | existing | at site | | 20 KL | 20 KL | 145.3 | local | By Road | |
| Sorbitol Mon (finish pr | I | existing | at site | | 25 KL | 25 KL | 0 | local | By Road | |
| Sorbitol Mor (finish pr | | existing | at site | | 16 KL | 16 KL | 0 | local | By Road | |
| | | | 52.A | ny Oth | er Info | rmation | | | | |
| No Informat | tion Availal | ole | | | | | | | | |
| | | | 53. | Traffic | Manag | jement | | | | |
| | | Nos. of th to the mai design of confluenc | in road & | Not Appl | licable | | | | | |
| | | Number a basement | nd area of | Not App | licable | | | | | |
| | | Number a podia: | nd area of | Not Appl | licable | | | | | |
| | | Total Parl | xing area: | Not App | licable | | | | | |
| | | Area per o | ar: | Not App | | | | | | |
| | | Area per o | ar: | Not App | licable | | | | | |
| Parking | Parking details: Number of 2- Wheelers as approved by competent authority: | | | | licable | | | | | |
| | 3 | Wheelers approved | Number of 4- Wheelers as approved by competent authority: | | Not Applicable | | | | | |
| | | Public Tra | nsport: | Not App | licable | | | | | |
| | | Width of a roads (m) | ll Internal | As per R | ule | | | | | |
| | | CRZ/ RRZ obtain, if | clearance any: | Not App | licable | | | | | |

| | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Not Applicable |
|---|--|-----------------------------|
| | Category as per schedule of EIA Notification sheet | 5 (f) - B |
| | Court cases pending if any | No, Not Applicable |
| | Other Relevant Informations | NIL |
| | Have you previously submitted Application online on MOEF Website. | Yes |
| | Date of online submission | 11-04-2018 |
| 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 informa | tion of the project by SEAC |



PP submitted their application for grnat of ToR under category 5(f)B1 for violation project and expansion as per amended Notification issued by MoEF&CC dated 08.03.2018, PP applied for the grant of ToR to the MoEF&CC and SEIAA vide Unique ID No. 1199 on 11th April, 2018 on SEIAA portal for grant of ToR as a case of violation and expansion.

The proposal was considered in the 151st meeting of SEAC-1 held on 25.05.2018 whrein the proposal was deferred for following reason,

After detailed deliberations with the PP and their accredited cosultant, it was observed that PP was not having adequate information to present to the committee.

Hence deferred.

DECISION OF SEAC

During deliberation PP requested to postpone the case.

Hence deferred

Specific Conditions by SEAC:

FA

FINAL RECOMMENDATION

 $\ensuremath{\mathsf{SEAC}}\xspace{-}\ensuremath{\mathsf{I}}$ decided to defer the proposal. Kindly find $\ensuremath{\mathsf{SEAC}}\xspace$ decision above.



Agenda of 163rd Meeting of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day -4)

SEAC Meeting number: 163 Meeting Date March 15, 2019

Subject: Environment Clearance for Establishment of Pilot Plant for Synthetic Organic Chemicals (Specialty chemicals and API and its formulation) by Aarti Industries Limited at Plot No. A-94/1 & A-94/1/1, Khairane MIDC, TTC Industrial Area, Thane

| Is a Violation Case: No | | | | | | | | |
|---|---|--|--|--|--|--|--|--|
| 1.Name of Project | Establishment of Pilot Plant for Synthetic Organic Chemicals (Specialty chemicals and API and its formulation) by Aarti Industries Limited at Plot No. A-94/1 & A-94/1/1, Khairane MIDC, TTC Industrial Area, Thane | | | | | | | |
| 2.Type of institution | Private | | | | | | | |
| 3.Name of Project Proponent | Aarti Industries Limited | | | | | | | |
| 4.Name of Consultant | Aditya Environmental Services Pvt Ltd | | | | | | | |
| 5.Type of project | Industrial Project, Category 5 (f)- B as per EIA notification 2006 | | | | | | | |
| 6.New project/expansion in existing project/modernization/diversification in existing project | New Project | | | | | | | |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | Not applicable | | | | | | | |
| 8.Location of the project | Plot No. A-94/1 & A-94/1/1, Khairane MIDC, TTC Industrial Area, Thane | | | | | | | |
| 9.Taluka | Thane | | | | | | | |
| 10.Village | Kopar khairane | | | | | | | |
| Correspondence Name: | Premnath R | | | | | | | |
| Room Number: | | | | | | | | |
| Floor: | | | | | | | | |
| Building Name: | | | | | | | | |
| Road/Street Name: | | | | | | | | |
| Locality: | | | | | | | | |
| City: | - | | | | | | | |
| 11.Area of the project | Khairane MIDC, TTC Industrial area | | | | | | | |
| | Plot allotment from MIDC | | | | | | | |
| 12.IOD/IOA/Concession/Plan Approval Number | IOD/IOA/Concession/Plan Approval Number: Plot allotment from MIDC | | | | | | | |
| | Approved Built-up Area: 4129.35 | | | | | | | |
| 13.Note on the initiated work (If applicable) | Not applicable | | | | | | | |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | Plot allotment from MIDC | | | | | | | |
| 15.Total Plot Area (sq. m.) | 6576 sq. m. | | | | | | | |
| 16.Deductions | Not applicable | | | | | | | |
| 17.Net Plot area | Not applicable | | | | | | | |
| | a) FSI area (sq. m.): Not applicable | | | | | | | |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI) | b) Non FSI area (sq. m.): Not applicable | | | | | | | |
| | c) Total BUA area (sq. m.): 4080.92 | | | | | | | |
| | Approved FSI area (sq. m.): 1.5 | | | | | | | |
| 18 (b).Approved Built up area as per DCR | Approved Non FSI area (sq. m.): Not applicable | | | | | | | |
| | Date of Approval: 07-02-2019 | | | | | | | |
| 19.Total ground coverage (m2) | Not applicable | | | | | | | |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | Not applicable | | | | | | | |
| 21.Estimated cost of the project | 27800000 | | | | | | | |

| approverses | | Signature: Name: Dr. Umakan Gangetreo Dangat |
|----------------------------|--|---|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Dr. Umakant Dangat |
| SEAC-I) | 15, 2019 | (Chairman SEAC-I) |

| | 2 | 2.Numb | oer of l | buildin | gs & its co | nfig | uration |
|--|---|--|----------|-------------------------------|----------------|-----------|----------------|
| Serial number | Buildin | ıg Name & n | umber | Height of the building (Mtrs) | | | |
| 1 | 1 | Not applicable | <u>,</u> | Ν | lot applicable | | Not applicable |
| 23.Numbe tenants an | | Not applicab | ole | | | | |
| 24.Numbe expected r users | | Not applicab | ole | | | | |
| 25.Tenant per hectar | | Not applicab | ole | | | | |
| 26.Height building(s) | | | | | | | 0 |
| 27.Right of way (Width of the road from the nearest fire station to the proposed building(s) | | | | | | | 0234 |
| 28.Turning for easy ac fire tender movement around the excluding for the pla | ccess of from all building the width | Min 9 m | | | 00 | 5 | |
| 29.Existing structure (| | | | | 0 | | |
| 30.Details demolition disposal (I applicable | ı with f | Not applicat | le | | | | |
| | | | 31.P | roduct | ion Details | 5 | |
| Serial Number | Pro | Product Existin | | | Proposed (MT/I | M) | Total (MT/M) |
| 1 | synthetic chemic Specialty API a | lant for c organic als (e.g. chemicals nd its ations) | |) | 5 | | 5 |
| 32.Total Water Requirement | | | | | | | |



| | | Source of wa | ter | MIDC | | | | | | |
|--------------------------------------|----------|--|---------|----------------|------------|------------|----------|--------------|-------|--|
| | | Fresh water | (CMD): | 98 cmd | | | | | | |
| | | Recycled wat Flushing (CM | | Not applicable | | | | | | |
| | | Recycled wat Gardening (C | | Not applical | ole | | | | | |
| | | Swimming po make up (Cu | | Not applical | ole | | | | | |
| Dry season | :: | Total Water Requirement : | (CMD) | 98 cmd | | | | | | |
| | | Fire fighting Underground tank(CMD): | | Not applical | ble | | | . | | |
| | | Fire fighting Overhead wa tank(CMD): | | Not applical | ble | | 5 | 3 | | |
| | | Excess treate | d water | Not applical | ole | | | | | |
| | | Source of wa | ter | Not applical | ole | | | | | |
| | | Fresh water | | Not applical | ole | | | | | |
| | | Recycled wat Flushing (CM | | Not applical | ole | \bigcirc | | | | |
| | | Recycled wat Gardening (C | | Not applicable | | | | | | |
| | | Swimming po make up (Cu | | Not applicable | | | | | | |
| Wet seaso | n: | Total Water Requirement : | (CMD) | Not applicable | | | | | | |
| | | Fire fighting Underground tank(CMD): | | Not applical | ble | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | ter | Not applical | ble | | | | | |
| | | Excess treate | d water | Not applicable | | | | | | |
| Details of pool (If an | | Not applicable | • | | | | | | | |
| | | 33. | Detail | s of Total | l water co | nsume | d | | | |
| Particula rs | Cons | umption (CM | D) | Ι | Loss (CMD) | | Efi | fluent (CMD) | | |
| Water Require ment | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | |
| Domestic | 0 | 20 | 20 | 0 | 5 | 5 | 0 | 15 | 15 | |
| Industrial Process | 0 | 15 15 | | 0 | 2 | 2 | 0 | 13 | 13 | |
| Cooling tower & thermopa ck | 0 | 52 52 | | 0 | 45 | 45 | 0 | 7 | 7 | |
| Gardening | 0 | 11 | 11 | 0 | 11 | 11 | 0 | 0 | 0 | |
| | | | | | | | | | | |

| A-000 Oneses | | | Signature: |
|----------------------------|--|---------|------------------------------------|
| Cello - | | | Name: Dr. Umakant Gangatrao Dangat |
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 13 | Dr. Umakant Dangat |
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| | Level of the Ground water table: | 2 to 5 m bgl and 5 to 10 mbgl | | | | | | |
|--|--|--|---|--|--|--|--|--|
| | Size and no of RWH tank(s) and Quantity: | Not applicable | | | | | | |
| | Location of the RWH tank(s): | Not applicable | | | | | | |
| 34.Rain Water Harvesting | Quantity of recharge pits: | Not applicable | | | | | | |
| (RWH) | Size of recharge pits : | Not applicable | | | | | | |
| | Budgetary allocation (Capital cost) : | Not applicable | | | | | | |
| | Budgetary allocation (O & M cost) : | Not applicable | 3 | | | | | |
| | Details of UGT tanks if any : | Not applicable | | | | | | |
| | | | | | | | | |
| | Natural water drainage pattern: | Not applicable | | | | | | |
| 35.Storm water drainage | Quantity of storm water: | - | | | | | | |
| | Size of SWD: | | | | | | | |
| | | | | | | | | |
| | Sewage generation in KLD: | 15 cmd | | | | | | |
| | STP technology: | Biological STP | | | | | | |
| Source and | Capacity of STP (CMD): | 15 cmd | | | | | | |
| Sewage and Waste water | Location & area of the STP: | within plot | within plot | | | | | |
| | Budgetary allocation (Capital cost): | | | | | | | |
| | Budgetary allocation (0 & M cost): | | | | | | | |
| | | d waste Managen | | | | | | |
| Waste generation in | Waste generation: | Minor quantity of debris/ Dem | olition waste | | | | | |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | Debris/ Demolition waste will] | be reused for leveling of plot | | | | | |
| | Dry waste: | Glass waste- 0.5 TPM, Paper Waste- 0.05 TPM, Cotton waste- 0.05 TPM, E-waste- 2 TPM | | | | | | |
| | Wet waste: | | | | | | | |
| Waste generation in the operation Phase: | Hazardous waste: | ETP Waste, Process residue & waste Residue, 30% HCl, Used oil, Spent Carbon and filter medium, Spent Acid, CaCl2 Solution, Empty barrels/ Carboys/ containers / Empty glass bottles/ liners contaminated with hazardous chemicals / waste, Spent Catalyst, Spent Solvent, Inorganic Salt, Off specification products | | | | | | |
| | Biomedical waste (If applicable): | | | | | | | |
| | STP Sludge (Dry sludge): | Yes. | | | | | | |
| | Others if any: | | | | | | | |
| Abhay Pimparkar (Secre SEAC-I) | etary SEAC Meeting N | lo: 163 Meeting Date: March 15, 2019 | Page 14Dr. Umakant Dangatof 90(Chairman SEAC-I) | | | | | |

| | | Dry waste: | | Sale to MoEFCC/ SPCB authorized recyclers / party | | | | | | |
|---------------------------------------|----------------------|--|---------------|---|---------------|---------------------|-------|-------------------------------------|--|--|
| | | Wet waste | | | | | | | | |
| | | Hazardous | waste: | CHWTSDF/ Sale to authorized Re processor | | | | | | |
| Mode of Disposal Biomedica applicable | | l waste (If): | | | | | | | | |
| | | STP Sludg sludge): | e (Dry | Will be used onsite as manure | | | | | | |
| | | Others if a | ny: | | | | | | | |
| | | Location(s | ;): | Within plot | | | | | | |
| Area requirem | ent: | Area for th of waste & material: | | Will be deta | ailed in EIA | | | | | |
| | | Area for m | achinery: | Not applica | ble | | | | | |
| Budgetary | | Capital cos | st: | | | | | 3 | | |
| (Capital co O&M cost) | | O & M cos | t: | Rs. 4 Lakhs | per annum | | | | | |
| | | | 37.Ef | fluent C | harecter | estics | | | | |
| Serial Number | Paran | neters | Unit | | ffluent | Outlet H Charect | | Effluent discharge standards (MPCB) | | |
| 1 | р | Н | | 5.5 | 5-9 | 6.5 1 | to 9 | 6.5 to 9 | | |
| 2 | Oil and | grease | mg/lit | 1 | 5 | | 10 | < 10 | | |
| 3 | BC | DD | mg/lit | 10 | 00 | < 100 | | < 100 | | |
| 4 | TS | SS | mg/lit | 300 | | < 100 | | < 100 | | |
| 5 | CC | DD | mg/lit | 2500 | | < 250 | | < 250 | | |
| 6 | TI | DS | mg/lit | 40 | 00 | < 2100 | | < 2100 | | |
| Amount of e (CMD): | effluent gene | eration | 20 cmd | | | | | | | |
| Capacity of | the ETP: | | 20 cmd | | | | | | | |
| Amount of t recycled : | reated efflue | ent | Nil | | | | | | | |
| Amount of v | water send to | o the CETP: | 20 cmd | | | | | | | |
| Membershi | p of CETP (if | require): | CETP mem | bership will | be obtained | | | | | |
| Note on ET | P technology | to be used | Primary, se | condary and | tertiary trea | atment | | | | |
| Disposal of | the ETP sluc | lge | ETP sludge | will be sent | to CHWTSD | F for disposa | 1. | | | |
| | | | 38.H a | zardous | Waste D | Details | | | | |
| Serial Number | Descr | iption | Cat | UOM | Existing | Proposed | Total | Method of Disposal | | |
| 1 | ETP s | ludge | 35.3 | TPM | | 1 | 1 | CHWTSDF | | |
| 2 | Process r wa | residue & ste | 28.1 | TPM | | 1 | 1 | CHWTSDF | | |
| 3 | Res | idue | 28.1 | TPM | | 1 | 1 | CHWTSDF | | |
| 4 | 30% | HCl | 26.3 | TPM | | 1.5 | 1.5 | Authorised reprocessor/recycler | | |
| 5 | Use | d oil | 5.1 | TPM | | 1 | 1 | Authorised reprocessor/recycler | | |
| 6 | Spent Ca filter n | rbon and 1edium | 36.2 | TPM | | 1 | 1 | CHWTSDF | | |

| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | | Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat |
|----------------------------|--|-------|--|
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| | | | _ | | | | | _ | | | | |
|--|---|---|-----------------|----------------------------------|------------------------------------|---------|---------------|-------------------------------|---------|---------------------|------------|------------------------------------|
| 7 | Spen | t Acid | 26.3 | 3 | TPM | | | 2 | | 2 | | Authorised reprocessor/recycler |
| 8 | CaCl2 | Solution | | | TPM | | | 1 | | 1 | | Authorised reprocessor/recycler |
| 9 | Carboys/ /Empty gla liners con with ha | barrels/ containers ass bottles / ataminated azardous als/ waste | 33.1 | | Nos/ month | | | 100 | 0 | 100 |)0 | Authorised reprocessor/recycler |
| 10 | Spent | Catalyst | 26.5 | 5 | TPM | | | 0.5 | | 0. | ō | Authorised reprocessor/recycler |
| 11 | Spent | Solvent | 20.2 | 2 | TPM | | | 1 | | 1 | | CHWTSDF/Authorized reprocessor |
| 12 | Inorga | nic Salt | B15 |) | TPM | | | 1 | | 1 | | CHWTSDF |
| 13 | | cification lucts | 28.4 | 1 | TPM | | | 1 | | 1 | | CHWTSDF |
| | | | 39 | 9.St | acks em | ission | n De | etails | | | | |
| Serial Number | Section | & units | | | ed with ntity | Stack | No. | Heig fron grou level | n nd | Inter diam (m | eter | Temp. of Exhaust Gases |
| 1 | Boiler (1 7 | [PH steam) | kg/da | ay Ol | oil- 1600 R Natural Nm3/ Day | 1 | C | 30 | | As pe | r std | As per std |
| 2 | DG set (| 750 KVA) | HSD- 225 Lit/Hr | | 2 | 5 | 5.5 ab roo | | As pe | r std | As per std | |
| 3 | DG set (| 750 KVA) | HSI | HSD- 225 Lit/Hr 3 5.5 above roof | | As pe | r std | As per std | | | | |
| 4 | Acidic g | ases vent | | - | | 4 | | 11 | | As pe | r std | As per std |
| 5 | Alkaline g | gases vent | | | | 5 | | 11 | | As pe | r std | As per std |
| | | | 40 | De | tails of H | Fuel to | o be | e use | d | | | |
| Serial Number | Туј | pe of Fuel | C | | Existing | | | Propo | sed | | | Total |
| 1 | Fι | irnace oil | | | | | | 1600 kg | r/ day | r | | 1600 kg/ day |
| 2 | Na | atural gas | | | | | 1' | 700 Nm | 3/ Da | ny | | 1700 Nm3/ Day |
| 3 | | HSD | | | | | | 450 Lit | :/ Hr | | | 450 Lit/ Hr |
| 41.Source o | | | | | nearby sour | rce | | | | | | |
| 42.Mode of | Transportat | tion of fuel to | site E | By ro | ad | | | | | | | |
| | 5 | Total RG a | K02 (| | Croon halt | 2567 | | | | | | |
| No of trees | | | | cut | Green belt: Not applica | | [, 111 | | | | | |
| | | : Number of be planted | | to | ~ 50 nos. | | | | | | | |
| Develop | ment | List of pro native tree | posed | | | | | | | | | |
| Timeline for completion of plantation : As per project development | | | | | | | | | | | | |
| | 44.Nu | mber and | llist | of t | rees spe | cies t | o b | e pla | nteo | l in t | he g | jround |
| | | - | | | | | | | | | ~ | |

| a growinger | | | Signature: |
|----------------------------|--|---------|-------------------------------------|
| Clope - | | | Name: Dr. Untakant Gangatrao Dangat |
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 16 | Dr. Umakant Dangat |
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| Serial Number | Name of | the plant | Comm | on Name | Quai | ntity | Characteristics & ecological importance | | | | |
|---|------------|---|------------|---------------------------|---------------------------|------------|--|--|--|--|--|
| 1 | | | | | | - | | | | | |
| 45.Total quantity of plants on ground | | | | | | | | | | | |
| 46.Number and list of shrubs and bushes species to be planted in the podium RG: | | | | | | | | | | | |
| Serial Number | | Name | | C/C Dista | ince | | Area m2 | | | | |
| 1 | | | | | | | | | | | |
| 47.Energy | | | | | | | | | | | |
| | | Source of p supply : | ower | MSEDCL | | | | | | | |
| | | During Cor Phase: (De Load) | | 2000 KVA | | | 34 | | | | |
| | | DG set as H back-up du constructio | ring | 2 DG sets (| 750 KVA eac | h) | AOV. | | | | |
| Dor | 107 | During Ope phase (Con load): | | 2000 KVA (| proposed) | | | | | | |
| Power requirement: During (phase (I load): | | | | 2000 KVA | 2000 KVA | | | | | | |
| | | Transform | er: | Not applicable | | | | | | | |
| | | DG set as H back-up du operation J | ring | 2 DG sets o | 2 DG sets of 750 KVA each | | | | | | |
| | | Fuel used: | | HSD for DG sets | | | | | | | |
| | | Details of I tension lin through th any: | e passing | Not applicable | | | | | | | |
| | | 48.Ene | rgy savi | i <mark>ng by no</mark> i | n-conven | tional | method: | | | | |
| Not applica | ble | V | | | | | | | | | |
| | | 49 |).Detail | calculati | ons & % | of savi | ng: | | | | |
| Serial Number | E | nergy Conse | ervation M | leasures | | | Saving % | | | | |
| 1 | | Not | applicable | | | | Not applicable | | | | |
| | 5 | 50. | Details | of pollut | ion contr | ol Syst | ems | | | | |
| Source | Ex | isting pollu | tion contr | ol system | | Pr | roposed to be installed | | | | |
| Air emissions | | | | | St | tack heigh | t, Scrubbers for process emissions | | | | |
| Effluent generation | | | | | | | ETP, STP | | | | |
| Hazardous waste | | | | | | CHWTS | SDF, Authorized reprocessors | | | | |
| | allocation | Capital cos | t: | | | | | | | | |
| (Capital O&M | | 0 & M cost | | | | | | | | | |

| agent anes | | Signature: Name: Dr. Umakant Gangetreo Dangat |
|------------------------------------|--|--|
| Abhay Pimparkar (Secretary SEAC-I) | SEAC Meeting No: 163 Meeting Date: March 15, 2019 | Dr. Umakant Dangat (Chairman SEAC-I) |

| 51 | .Envi | ronmen | tal Mar | nage | me | ent p | olan Bı | ıdg | etary | Alloca | ation |
|--------------------|---|------------------------------------|----------------------|--|------|------------------------------------|---|-------|--------------------------|---------------------------|----------------------------|
| | | a) | Construe | c tion] | pha | se (v | with Bre | ak-u | ı p): | | |
| Serial Number | Att | ributes | Para | meter | | Total Cost per annum (Rs. In Lacs) | | | | | .acs) |
| 1 | | | - | - | | | | | | | |
| | |] | b) Operat | ion P | has | e (wi | th Brea | k-up |): | | |
| Serial Number | Com | ponent | Descr | iption | | Cap | ital cost Rs Lacs | s. In | | tional and ost (Rs. in | Maintenance Lacs/yr) |
| 1 | Air Pollu | tion Control | From Utilit and I | ies, Proc)G set | cess | | 12 | | | 12 | |
| 2 | | onmental nitoring | - | nmental toring | | | | | | 10 | |
| 3 | | Pollution ontrol | E | ГР | | | 100 | | | 12 | |
| 4 | Soli | us Waste and d waste agement | of Hazard and Non | Storage and Disposal of Hazardous waste and Non hazardous waste | | | 6 | 4 | | | |
| 5 | | en Belt lopment | Maintenan | Development and Maintenance of Green Belt | | | 10 | 5 | 3 | 12 | |
| 6 | | ional Health Safety | PPE, Safe | ty Tanni | ng | | 105 12 | | | | |
| 51.S | torag | e of cho | emicals | (infl sub | | | - | osiv | /e/haz | zardou | s/toxic |
| Description Status | | | Locatio | Location Storage Capacity in MT Quantity of Storage at any point of time in | | | Maximum Quantity of Storage at any point of time in MT | / M | umption onth in MT | Source of Supply | Means of transportation |
| Furnac | ce oil | proposed | Within pl | | 3 | 2 | | 2 | Local | By road | |
| | | | 52.A | ny Ot | her | ' Info | ormation | 1 | | | |
| No Informa | tion Availa | ble | | | | | | | | | |
| | | | 53. | Traffi | c M | Iana | gement | | | | |
| | Nos. of the junction to the main road & design of confluence: Not applicable | | | | | | | | | | |



| | Number and area of basement: | Not applicable | | | | | | |
|--|--|--|--|--|--|--|--|--|
| | Number and area of podia: | Not applicable | | | | | | |
| | Total Parking area: | 746 sq.m | | | | | | |
| | Area per car: | Not applicable | | | | | | |
| | Area per car: | Not applicable | | | | | | |
| Parking details: | 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): | Min. 6 m | | | | | | |
| | CRZ/ RRZ clearance obtain, if any: | Not applicable | | | | | | |
| | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | | | | | | | |
| | Category as per schedule of EIA Notification sheet | 5 (f)- B, Synthetic organic chemical manufacturing facility | | | | | | |
| | Court cases pending if any | Not applicable | | | | | | |
| | Other Relevant Informations | Not applicable | | | | | | |
| | Have you previously submitted Application online on MOEF Website. | Yes | | | | | | |
| | Date of online submission | 05-02-2019 | | | | | | |
| 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 | lid Waste Not Applicable | | | | | | | |
| Abhay Pimparkar (Secre SEAC-I) | | No: 163 Meeting Date: March 15, 2019 Page 19 of 90 Signature: Signature: Name: Dr. Umakant Gaugatezo Daugat Dr. Umakant Dangat (Chairman SEAC-I) | | | | | | |

| Not Applicable | |
|--|--|
| t Not Applicable | |
| Not Applicable | |
| Not Applicable | |
| Not Applicable | |
| Not Applicable | |
| Not Applicable | |
| Not Applicable | |
| Brief information of the project by SEAC | |
| | |
| | Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Brief information of the project by SEAC |

ageneratives: Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 163 Meeting Date: March 15, 2019

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat **Page 20** of 90 (Chairman SEAC-I)

1 ŝ PP submitted their application for the grant of TOR under category 5(f)B1 for their R&D and pilot sclae manufacturing as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

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

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

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

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

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

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.

DECISION OF SEAC



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

Specific Conditions by SEAC:

PP to submit certificate of incorporation of the company, list of board of directors and memorandum of articles.
 PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, provision of culde-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.

3) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations.

4) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.

5) PP to include detailed water balance calculations along with design details of zero liquid discharge ETP in the EIA report.

6) PP to carry out HAZOP and QRA and submit disaster management plan with repsect to the hazardous processess and handling of high potency drugs.

7) PP to include details of generation and disposal of hazardous waste including byproducts as per Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016 in the EIA report.

8) PP to submit hazardous chemical handling protocol

9) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly PP to provide lightening arrestor.

10) PP to prepare laboratory safety manual for all the labs propsoed in the project. PP to submit format of technology transfer document considering environmental and safety factors.

11) PP to prepare the Legal Register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.

FINAL RECOMMENDATION

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



| Agenda of 163rd Meeting | of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 4) | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| SEAC Me | eting number: 163 Meeting Date March 15, 2019 | | | | | | | |
| Subject: Environment Clearance for | r Proposed Common Bio- Medical Waste Treatment, Storage, and Disposal Facility | | | | | | | |
| Is a Violation Case: No | | | | | | | | |
| | | | | | | | | |
| 1.Name of Project | Proposed Common Bio- Medical Waste Treatment, Storage, and Disposal Facility by Wise Ecocare & Farmtech Pvt. Ltd. at Plot No. E-35, Khamgaon MIDC, Village Sutala (BK), Taluka Khamgaon, District: Buldhana. | | | | | | | |
| 2.Type of institution | Private | | | | | | | |
| 3.Name of Project Proponent | Wise Ecocare & Farmtech Pvt. Ltd. | | | | | | | |
| 4.Name of Consultant | Aditya Environmental Services Pvt. ltd. | | | | | | | |
| 5.Type of project | Others (Common Bio- Medical Waste Treatment, Storage, and Disposal Facility) | | | | | | | |
| 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 | Not Applicable | | | | | | | |
| 8.Location of the project | Plot No. E-35, Khamgaon MIDC, Village Sutala (BK), Taluka Khamgaon, District: Buldhana. | | | | | | | |
| 9.Taluka | Taluka Khamgaon | | | | | | | |
| 10.Village | Village Sutala (BK) | | | | | | | |
| Correspondence Name: | Mr. Harshad Hend (Director) | | | | | | | |
| Room Number: | Wise Ecocare & Farmtech Pvt. Ltd. Opp. Panchayat Samiti, Nandura Road, Khamgaon, Dist. Buldhana, Maharashtra, India - 444303 | | | | | | | |
| Floor: | NA | | | | | | | |
| Building Name: | NA | | | | | | | |
| Road/Street Name: | Nandura Road | | | | | | | |
| Locality: | Opp. Panchayat Samiti, Nandura Road, Khamgaon, | | | | | | | |
| City: | Khamgaon | | | | | | | |
| 11.Area of the project | MIDC Khamgaon, Dist : Buldhana | | | | | | | |
| 12.IOD/IOA/Concession/Plan | Proposed project is located at MIDC Khamgaon | | | | | | | |
| Approval Number | IOD/IOA/Concession/Plan Approval Number: Will apply shortly for plan approval to MIDC | | | | | | | |
| | Approved Built-up Area: 951.69 | | | | | | | |
| 13.Note on the initiated work (If applicable) | Not Applicable | | | | | | | |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | MIDC | | | | | | | |
| 15.Total Plot Area (sq. m.) | 3629 sq. m. | | | | | | | |
| 16.Deductions | NA 2620 cg m | | | | | | | |
| 17.Net Plot area | 3629 sq. m. | | | | | | | |
| 18 (a).Proposed Built-up Area (FSI & | a) FSI area (sq. m.): NA | | | | | | | |
| Non-FSI) | b) Non FSI area (sq. m.): NA | | | | | | | |
| | c) Total BUA area (sq. m.): 951.69 | | | | | | | |
| 18 (b).Approved Built up area as per | Approved FSI area (sq. m.): NA | | | | | | | |
| DCR | Approved Non FSI area (sq. m.): NA | | | | | | | |
| | Date of Approval: 12-07-2018 | | | | | | | |
| 19.Total ground coverage (m2) | 936.155 Sq. mtr. | | | | | | | |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | 25.80 % | | | | | | | |
| 21.Estimated cost of the project | 23800000 | | | | | | | |

| age of the set | | Signature: |
|----------------------------|--|--------------------|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Dr. Umakant Dangat |
| SEAC-I) | 15, 2019 | (Chairman SEAC-I) |

| | 2 | 2.Num | ber of l | buildin | gs & its co | onfig | juration | |
|--|---|--|----------------|---------|---------------------------|-------|-------------------------------|--|
| Serial number | Buildir | ng Name & 1 | number | Nu | mber of floors | | Height of the building (Mtrs) | |
| 1 | 1 | Not Applicabl | Not Applicable | | | | | |
| 23.Number of tenants and shops Not Applicable | | | | | | | | |
| 24.Numbe expected r users | | Not Applica | ıble | | | | | |
| 25.Tenant per hectar | | Not Applica | ıble | | | | | |
| 26.Height building(s | | | | | | | 0 | |
| 27.Right of way (Width of the road from the nearest fire station to the proposed building(s) | | | | | | | | |
| 28.Turning for easy ac fire tender movement around the excluding for the pla | ccess of from all building the width | 9 mtr | | | 0 | 5 | | |
| 29.Existing | | Not Applica | ıble | | 0 | | | |
| 30.Details demolition disposal (I applicable | ı with f | Not Applica | ble | | | | | |
| | | | 31.P | roduct | tion Details | S | | |
| Serial Number | Pro | duct | Existing | (MT/M) | Proposed (MT/ | /M) | Total (MT/M) | |
| 1 | disposed Incinerato | ical Waste l through r (Capacity Kg/hr) | | 0 | 52.27 MT/M (18 Kg/Day) | 309 | 52.27 MT/M (1809 Kg/Day) | |
| 2 | 2 Bio - Medical Waste disposed through Autoclave (Capacity 50 Kg/hr) 0 13.56 MT/M (452 Kg/Day) 13.56 MT/M (452 Kg/L | | | | | | | |
| | 2 | 3 | 82.Tota | l Wate | r Requiren | nent | t | |



| | | Source of wa | ter | MIDC | | | | | | | | | |
|------------------------------|---|--|----------------|-----------------------------|------------|-------|----------|--------------|-------|--|--|--|--|
| | | Fresh water | (CMD): | 18 | | | | | | | | | |
| | | Recycled wat Flushing (CM | | 5.6 | | | | | | | | | |
| | Gardening (CMD): Swimming pool make up (Cum): Dry season: | | | 4 | | | | | | | | | |
| | | | Not Applicable | | | | | | | | | | |
| Dry season | | | 27.6 | | | | | | | | | | |
| | | Fire fighting Underground tank(CMD): | | Not Applica | ble | | | . | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | | Not Applicable | | | | | | | | | |
| Excess treated water | | | Not Applical | ble | | | | | | | | | |
| Source of water | | | | MIDC | | | | | | | | | |
| Fresh water (CMD): | | | 18 | | | | | | | | | | |
| Recycled w Flushing (0 | | | ID): | 5.6 | | | | | | | | | |
| | | Recycled wat Gardening (C | | Water from RWH will be used | | | | | | | | | |
| | | Swimming po make up (Cu | | Not Applicable | | | | | | | | | |
| Wet seasor | 1: | Total Water Requirement : | (CMD) | 27.6 | | | | | | | | | |
| | | Fire fighting Underground tank(CMD): | | Not Applicable | | | | | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | | Not Applicable | | | | | | | | | |
| | | Excess treate | d water | Not Applicable | | | | | | | | | |
| Details of 9 pool (If any | | Not Applicable | 9 | | | | | | | | | | |
| | | 33. | Detail | s of Tota | l water co | nsume | d | | | | | | |
| Particula rs | Cons | sumption (CM | D) | I | Loss (CMD) | | Eff | fluent (CMD) | | | | | |
| Water Require ment | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | | | | |
| Domestic | 0 | 2 2 | | 0 | 0.10 | 0.10 | 0 | 1.90 | 1.90 | | | | |
| Industrial Process | 0 | 21.6 | 21.6 | 0 | 12.0 | 12.0 | 0 | 9.6 | 9.6 | | | | |
| Gardening | 0 | 4 | 4 | 0 | 4 | 4 | 0 | 0 | 0 | | | | |
| | | | | | | | | • | | | | | |

| | T 1 0-1 C | | | | | | |
|--|--|---|--|--|--|--|--|
| | Level of the Ground water table: | Pre monsoon 7 m bgl, 2.9 m post monsoon bgl. | | | | | |
| | Size and no of RWH tank(s) and Quantity: | 5 cubic meter tank 1 No | | | | | |
| | Location of the RWH tank(s): | Underground, within plot | | | | | |
| 34.Rain Water Harvesting | Quantity of recharge pits: | 1 No. | | | | | |
| (RWH) | Size of recharge pits : | 1m x 1m | | | | | |
| | Budgetary allocation (Capital cost) : | Rs. 2 Lac | | | | | |
| | Budgetary allocation (O & M cost) : | Rs. 0.10 Lac per year | | | | | |
| | Details of UGT tanks if any : | 1 No. for Rain Water Harvesting System | | | | | |
| | | | | | | | |
| 35.Storm water | Natural water drainage pattern: | North side connected to MIDC Drainage | | | | | |
| drainage | Quantity of storm water: | 0.04 m3/sec | | | | | |
| | Size of SWD: | 1 ft * 1 ft | | | | | |
| | | | | | | | |
| | Sewage generation in KLD: | 1.90 cmd | | | | | |
| | STP technology: | Not Applicable as domestic sewage will be soaked in soak pit and overflow if any will be used for gardening . | | | | | |
| Sewage and | Capacity of STP (CMD): | Not Applicable | | | | | |
| Waste water | Location & area of the STP: | Not Applicable | | | | | |
| | Budgetary allocation (Capital cost): | Not Applicable | | | | | |
| | Budgetary allocation (O & M cost): | Not Applicable | | | | | |
| | | d waste Management | | | | | |
| Waste generation in | Waste generation: | NA | | | | | |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | NA | | | | | |
| | Dry waste: | Autoclaved/Shredded Plastic Waste - 17 TPM , Sharp - 2.5 TPM | | | | | |
| | Wet waste: | NA | | | | | |
| TA7 | Hazardous waste: | (37. 2) Incinerated Ash - 2.0 MT/M & (35.3) ETP Sludge - 1.0 MT/M | | | | | |
| Waste generation in the operation Phase: | Biomedical waste (If applicable): | NA as application is for CBMWTSDF | | | | | |
| I HUSC. | STP Sludge (Dry sludge): | Not Applicable | | | | | |
| | Others if any: | Not Applicable | | | | | |
| | | | | | | | |



| | | Dry waste: | | Collection, | storage and | sold to autho | orized recycl | ers & Encapsulation | | | | |
|----------------------------|---------------|--|-------------------|---|---------------------|---------------------|---------------|--|--|--|--|--|
| | | Wet waste | | Not Applica | - | | | 1 | | | | |
| | | Hazardous | | | | disposal to C | CHWTSDF S | ite | | | | |
| Mode of I of waste: | Disposal | Biomedica applicable | l waste (If): | | Not Applicable | | | | | | | |
| STP Sludg sludge): | | | e (Dry | Not Applica | Not Applicable | | | | | | | |
| | | Others if a | ny: | Not Applica | ble | | | | | | | |
| | | Location(s |): | Utility Area | | | | | | | | |
| Area requirem | ent: | Area for th of waste & material: | | 208 sq. mtr | 208 sq. mtr. | | | | | | | |
| | | Area for m | achinery: | 434.05 Sq. mtr. | | | | | | | | |
| Budgetary | | Capital cos | st: | Rs. 3 Lakhs | | | | | | | | |
| (Capital co O&M cost): | | O & M cos | t: | Rs. 2 Lakhs | | | | | | | | |
| | | | 37.Ef | fluent C | harecter | estics | | | | | | |
| Serial Number | Paran | neters | Unit | | ffluent erestics | Outlet I Charect | | Effluent discharge standards (MPCB) | | | | |
| 1 | р | Н | | 5.5 | - 9 | 7- | -8 | 6.5 - 9 | | | | |
| 2 | CC | DD | mg/l | 25 | 50 | < 2 | 250 | 250 | | | | |
| 3 | BC | DD | mg/l | 100 | | < 100 | | 100 | | | | |
| 4 | TI | DS | mg/l | < 2100 | | < 2100 | | 2100 | | | | |
| 5 | TS | SS | mg/l | 10,000 | | < 1 | .00 | 100 | | | | |
| 6 | 0.6 | à G | mg/l | < 10 | | < 10 | | 10 | | | | |
| 7 | Chlo | rides | mg/l | < 600 | | <600 | | <600 | | | | |
| 8 | Sulp | hates | mg/l | <1000 <1000 | | | <1000 | | | | | |
| Amount of e (CMD): | ffluent gene | eration | 9.6 cmd | | | | | | | | | |
| Capacity of | the ETP: | | 10 cmd | | | | | | | | | |
| Amount of tr recycled : | reated efflue | ent | | eated effluent generated from ETP. Total effluent generated will be ecycled for venturi scrubber. | | | | | | | | |
| Amount of w | vater send to | o the CETP: | Not Applica | ble | | | | | | | | |
| Membership | o of CETP (if | f require): | Not Applica | able | | | | | | | | |
| Note on ETF | e technology | to be used | Collection S | Receiving Sump > DWPE Dosing > Flocculator > Filtration Bag > Sump > Filtration Bag > Collection Sump > Filter Feed Pump > Dual er > Treated Water Recycled to Venturi Scrubber | | | | | | | | |
| Disposal of t | he ETP sluc | lge | ETP sludge | will be dispo | osed to CHW | TSDF | | | | | | |
| | 9 | | 38.Ha | zardous | Waste D | etails | | | | | | |
| Serial Number | Descr | iption | Cat | | | | | Method of Disposal | | | | |
| 1 | Incinera | ated Ash | 37. 2 | MT/M 0 | | 2.0 | 2.0 | Collection, Storage and disposal to CHWTSDF Site | | | | |
| 2 | ETP S | Sludge | 35.3 | MT/M | 0 | 1.0 | 1.0 | Collection, Storage and disposal to CHWTSDF Site | | | | |
| | | | 39.St | acks em | ission De | etails | | | | | | |



| Serial Number | Section | & units | | el Used w Quantity | | Stack No |). | Height from ground level (m) | Inter diame (m) | eter | Temp. of Exhaust Gases |
|---|-------------|--|----------|--|---------|----------|----|---------------------------------------|-----------------------|-------|------------------------------------|
| 1 | Incin | erator | LDO/ | ' HSD: 15 H | Kg/hr | 1 No. | | 30 mtr | | | |
| 2 | DG set (2 | 100 KVA) | HS | SD :20 lit/l | hr | 1 No. | | 8 mtr | | | |
| 40.Details of Fuel to be used | | | | | | | | | | | |
| Serial Number | Тур | oe of Fuel | | Exi | isting | | | Proposed | | | Total |
| 1 | LI | DO/ HSD | | | 0 | | | 15 Kg/hr | | | 15 Kg/hr |
| 2 | | HSD | | | 0 | | | 20 lit/hr | | | 20 lit/hr |
| 41.Source o | of Fuel | | Ι | Local | | | | | | | |
| 42.Mode of | Transportat | ion of fuel to | site E | By Road | | | | | | | |
| | | | | | | | | | | | |
| | | Total RG a | rea : | 1206 | 6.41 Sq | . mtr. | | | | | |
| | s to be | cut _{NA} | | | | | | | | | |
| 43.Gree | n Belt | Number of be planted | | s to Suitable no. of species will be planted as per proposed green belt area 120 Nos. | | | | | | | |
| Develop | ment | List of pro native tree | | As given below | | | | | | | |
| | | Timeline for completion plantation | ı of | Within six months after receiving Environmental Clearance. | | | | | | | |
| | 44.Nu | mber and | llist | of trees | s spe | cies to | be | e plante | d in t | he g | round |
| Serial Number | | the plant | | mmon Na | _ | | | ntity | · | racte | ristics & ecological importance |
| 1 | Polyalthia | longifolia | | Ashok | | | 8 | 0 | | | |
| 2 | Azadirac | hta indica | ŀ | Kaduneem | 1 | | 1 | 5 | | | |
| 3 | Ficus r | eligiosa | | Pimpal | | | 1 | 5 | | | |
| 4 | Neolamai | rckia cada | | Kadamb | | | 1(| 0 | | | |
| 45 | .Total qua | ntity of plan | its on g | ground | | | | | | | |
| 46.Num | nber and | list of sl | irubs | and bu | ushes | s specie | S | to be pl | anted | in | the podium RG: |
| Serial NumberNameC/C DistanceArea m2 | | | | | | | m2 | | | | |
| 1 | | - | | | - | | | | | - | |
| | C | | | 4 | 7.E | nergy | | | | | |
| | | | | | | 93 | | | | | |



| Power requirement During Construction hases (Demand Load) NA DG set as Power back-up during construction phase NA During Operation phase (Connected load): 100 KW During Operation phase (Demand load): 100 KW Transformer: 100 KVA - Transformer Decing Operation phase (Demand load): 100 KVA Transformer: 100 KVA - Transformer Details of high tension phase: 1 No. of 100 KVA Transformer: 100 KVA - Transformer Details of high tension phase: 1 No. of 100 KVA Transformer: 100 KVA - Transformer Serial Number NA 49.Detail calculations & % of saving % Namber Saving % 1 NA Serial Number NA Serial Ar NA Serial Mamber NA Serial Ar NA Serial Ar NA Serial Mumber NA Serial Ar NA Serial Ar NA Serial Mumber Serial cost: NA Enclosure/ PPE | | | Source of p supply : | power | MSEDCL | | | | | | | |
|---|--|-------------|---------------------------|------------|-------------|--------------|------------------|------------------------------------|------|--|--|--|
| Power require back-up during phase (Connected phase (Connected phase (Connected phase) NA During Operation phase (Command phase) 100 KW Transformer: 100 KVA - Transformer DG set as Power back-up during operation phase: 100 KVA - Transformer Fuel used: HSD- 20 Lit/hr Details of high tension line passing in any: NA AB.Energy saver back-up during operation phase! NA Fuel used: HSD- 20 Lit/hr Details of high tension line passing in any: NA Serial Number Energy Conservation Version Serversion Versional method: Serial Number NA Serial Number Energy Conservation Version Version Control System Source Existing pollution control system Source Existing pollution control system Source Existing pollution control system Source NA Source Existing pollution control system Source Existing pollution control system Source NA Source Existing pollution control system Control of MA Effluent Treatment Plant | | | Phase: (De | | NA | | | | | | | |
| Power requirement requirement requirement requirement phase (Demand load):100 KWDuring Operation phase (Demand load):100 KW - TransformerTransformer: DG set as Power pace (Demand operation phase):100 KVA - TransformerDG set as Power pace (Demand operation phase):NASetial NumberKall of high tong (Demand any:NASetial NumberEmergy Conservation MeasuresSaving % of saving % of saving %NumberNAKAVenturi ScrubberSource MaterKAVenturi ScrubberSource MaterNAFilleunt Treatment PlantNoiseNAKAVenturi ScrubberSource MaterNANADisposed to CHWTSDF / RecyclerSource MaterNAKASource Oek (Cost and Oek (NA)NAO & M cost:NASaving % Disposed to CHWTSDF / RecyclerSource Cost (Oek (Cost and Oek (NA)NAO | | | back-up du | iring | NA | NA | | | | | | |
| During Operation load):100 KWTransformer:100 KW - TransformerTansformer:100 KVA - TransformerDetails of nigh tension line passing through the plot if | Dot | 101 | phase (Con | | 100 KW | | | | | | | |
| DG set as Power back-up during operation phase:1 No. of 100 KVAFuel used:HSD-20 Lit/hrFuel used:HSD-20 Lit/hrDetails of high tension line passing tension line passing tany:NAAS.Energy saving by non-conventional method:NASerial NumberSaving % OB saving %Serial NumberSaving % Saving %I NASaving % NASource SourceEnergy Conservation MeasuresSaving % NANANASource SourceExisting pollution control SystemProposed to be installedMrNAEnclosure/ PPESourceCapital cost: NANAEnclosure/ PPESourceCapital cost: NANAEnclosure/ PPESourceCapital cost: NANAEnclosure/ PPESourceCapital cost: NANAEnclosure/ PPESourceCapital cost: NANABudgetary allocation Oew cost:NACapital cost: NANACapital cost: NANACapital cost: NANASource Ca | | | phase (Den | | 100 KW | | | | | | | |
| In No. of 100 KVAreliance in phase:Fuel used:HSD- 20 Lit/hrDetails of high tension line passing any:NA 48.Energy saving by non-conventional method: NASerial NaSaving Source to the installedNASaving % Of saving:Saving % Saving %Operation measuresSaving % NASaving follution controls & % of saving:Saving % NANANASource SourceErergy Conservation MeasuresSaving % NASaving % SourceNASource SourceProposed to be installedAirNASource SourceConstruction control systemSaving % NANASource SourceProposed to be installedAirNASource SourceNACapital costNASource SourceCapital costNASource SourceCapital costNASource SourceCapital costNASource Source <th <="" colspan="2" th=""><th></th><th></th><th>Transform</th><th>er:</th><th>100 KVA - T</th><th>ransfo</th><th>rmer</th><th></th></th> | <th></th> <th></th> <th>Transform</th> <th>er:</th> <th>100 KVA - T</th> <th>ransfo</th> <th>rmer</th> <th></th> | | | | Transform | er: | 100 KVA - T | ransfo | rmer | | | |
| NaDetails of high tension line passing hrough the plot if any:NA 48.Energy saving by non-conventional method: NASerial NumberSerial SolidNASourceExisting pollution control systemProposed to be installedAirNAVenturi ScrubberMaterNAVenturi ScrubberMaterNAVenturi ScrubberWaterNASolid WaterNASolid Copital costNACapital cost:Budgetary allocation (Capital cost):NACapital cost:NASerial NumberAttributesParameterTotal Cost per annum (Rs. In Lacs)Serial NumberNASerial NumberNASerial NumberNASerial NumberNASerial NumberSerial ComponentSerial DescriptionSerial SerialNASerial NumberNASerial NumberSerial SerialSerial ComponentSerial Description <th co<="" th=""><th></th><th></th><th>back-up du</th><th>iring</th><th>1 No. of 100</th><th colspan="6">1 No. of 100 KVA</th></th> | <th></th> <th></th> <th>back-up du</th> <th>iring</th> <th>1 No. of 100</th> <th colspan="6">1 No. of 100 KVA</th> | | | back-up du | iring | 1 No. of 100 | 1 No. of 100 KVA | | | | | |
| tension line passing through the plot if any: NA AB.Energy saving by non-conventional method: NA AB.Energy saving by non-conventional method: NA Serial Number Serial Number Air NA NA Source Existing pollution control system Proposed to be installed Air NA Venturi Scrubber Mater NA Effluent Treatment Plant Noise NA Disposed to CHWTSDF / Recycler Budgetary allocation Mater NA NA Solid Ornert to Full Solid to cots the product to the | | | Fuel used: | | HSD- 20 Lit | /hr | | | | | | |
| NA 49.Detail calculations & % of saving: Serial Number Energy Conservation Measures Saving % 1 NA NA 50.Details of pollution control Systems Proposed to be installed Air NA Venturi Scrubber Water NA Effluent Treatment Plant Noise NA Enclosure/ PPE Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): Capital cost: NA NA 51.Envirormental Management plan Budgetary Allocation a) Construction phase (with Break-up): Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA NA Serial Number Compent Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | | | tension lin through th | e passing | NA | | | | | | | |
| NA 49.Detail calculations & % of saving: Serial Number Energy Conservation Measures Saving % 1 NA NA 50.Details of pollution control Systems Proposed to be installed Air NA Venturi Scrubber Water NA Effluent Treatment Plant Noise NA Enclosure/ PPE Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): Capital cost: NA NA 51.Envirormental Management plan Budgetary Allocation a) Construction phase (with Break-up): Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA NA Serial Number Compent Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | | | 48.Ene | rav savi | na by no | n-cor | ventional m | nethod: | | | | |
| 49.Detail calculations & % of saving: Serial Number Energy Conservation Measures Saving % 1 NA NA 1 NA NA Source Source Stig pollution control system Proposed to be installed Air NA Venturi Scrubber Mair NA Venturi Scrubber Wate NA Effluent Treatment Plant Noise NA Enclosure/ PPE Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): Capital cost: NA 51.EnvironmentEl Management plan Budgetary Allocation do & M cost): NA 52.Environment Warner Total Cost per annum (Rs. In Lacs) Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA NA Serial Number Compention Phase (with Break-up): Saving (Rs. in Lacs/yr) | NA | | | 3,5 | J - J O | | | | | | | |
| Serial Number Energy Conservation Measures Saving % 1 NA NA 1 NA NA Source Existing pollution control system Proposed to be installed Air NA Venturi Scrubber Water NA Effluent Treatment Plant Noise NA Enclosure/ PPE Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): Capital cost: NA 51.Environmental Management plan Budgetary Allocation O & M cost: NA Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA NA Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | | | 40 | 9.Detail | calculati | ons | & % of savin | α: | | | | |
| Source Source S | | Е | | | | | | - | | | | |
| Source Existing pollution control system Proposed to be installed Air NA Venturi Scrubber Water NA Effluent Treatment Plant Noise NA Enclosure/ PPE Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): Capital cost: NA Disposed to CHWTSDF / Recycler NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): NA NA Disposed to CHWTSDF / Recycler NA NA Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA NA Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | 1 | | | NA | NA | | | | | | | |
| Source Existing pollution control system Proposed to be installed Air NA Venturi Scrubber Water NA Effluent Treatment Plant Noise NA Enclosure/ PPE Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): Capital cost: NA Disposed to CHWTSDF / Recycler NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): NA NA Disposed to CHWTSDF / Recycler NA NA Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA NA Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | | | 50. | Details | of polluti | ion c | ontrol Svste | ems | | | | |
| Air NA Venturi Scrubber Water NA Effluent Treatment Plant Noise NA Enclosure/ PPE Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): Capital cost: NA 6 & M cost: NA NA 51.Environmental Management plan Budgetary Allocation Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA NA Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | Source | Ex | | | - | | 0 | | | | | |
| Water NA Effluent Treatment Plant Noise NA Enclosure/ PPE Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost): Capital cost: NA Capital cost: NA NA O & M cost): NA Structure NA Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | | | <u>9</u> F | | | | | | | | | |
| Solid Waste NA Disposed to CHWTSDF / Recycler Budgetary allocation (Capital cost and O&M cost) Capital cost: NA Capital cost: NA O & M cost) NA 51.Environmental Managementary and Construction phase Budgetary Allocation Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA Serial Number Serial Number Comport Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | Water | | | | | | Eff | Eluent Treatment Plant | | | | |
| Waste NA Disposed to CHWISDF / Recycler Budgetary allocation (Capital cost and 0 & M cost): Capital cost: NA O & M cost): NA 51.Environmental Management plan Budgetary Allocation Serial Number Attributes Parameter 1 NA Serial Number NA Serial Number Component Description Serial Number Component Description | Noise | | V | NA | | | | Enclosure/ PPE | | | | |
| Capital cost and O&M cost: NA 51.Environmental Management plan Budgetary Allocation a) Construction phase (with Break-up): Serial Number Attributes 1 NA NA 1 NA NA Serial Number NA Serial Number NA NA NA Serial Number NA NA NA Serial Number NA Serial Number Description Serial Number Component Description Capital cost Rs. In Lacs Capital cost Rs. In Lacs Cost (Rs. in Lacs/yr) | | | C | NA | | | Dispose | ed to CHWTSDF / Recycler | | | | |
| O & M cost: NA 51.Environmental Management plan Budgetary Allocation a construction phase (with Break-up): Serial Number Attributes Parameter Total Cost per annum (Rs. In Lacs) 1 NA NA NA Serial Number Operation Phase (with Break-up): Serial Number Component Description Capital cost Rs. In Lacs) | Budgetary | allocation | Capital cos | st: | NA | | | | | | | |
| Serial Number NA Parameter NA 1 Attributes Parameter Total Cost Preak-up: 1 NA NA NA NA Serial Number Operation Phase (with Break-up) Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | | | O & M cost | t: | NA | | | | | | | |
| Serial NumberAttributesParameterTotal Cost per annum (Rs. In Lacs)1NANANASerial NumberComponentDescriptionCapital cost Rs. In LacsOperational and Maintenance cost (Rs. in Lacs/yr) | | | onment | al Mar | nageme | ent p | lan Budg | etary Allocation | | | | |
| Serial NumberAttributesParameterTotal Cost per annum (Rs. In Lacs)1NANANASerial NumberComponentDescriptionCapital cost Rs. In LacsOperational and Maintenance cost (Rs. in Lacs/yr) | | | a) (| Construe | ction pha | se (v | vith Break-u | ıp): | | | | |
| Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) | | Attri | | | | | | _ | | | | |
| Serial NumberComponentDescriptionCapital cost Rs. In LacsOperational and Maintenance cost (Rs. in Lacs/yr) | 1 | N | A | N | JA | | | NA | | | | |
| Serial NumberComponentDescriptionCapital cost Rs. In LacsOperational and Maintenance cost (Rs. in Lacs/yr) | | | b |) Operat | ion Phas | e (wi | th Break-up |): | | | | |
| 1 Air pollution control Venturi Scrubber 20.0 1.0 | | Comp | | - | | | tal cost Rs. In | Operational and Maintenance | | | | |
| | 1 | Air polluti | on control | Venturi | Scrubber | | 20.0 | 1.0 | | | | |

| appropring | | | Signature: Name: Dr. Umakant Gangarao Dangat | |
|----------------------------|--|----------------|---|--|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 29 | Dr. Umakant Dangat | |
| SEAC-I) | 15, 2019 | of 90 | (Chairman SEAC-I) | |

| | Water | Pollution | Effluent 7 | Treatmei | nt | | | | | |
|--|---|---|-------------------------------|-------------------------------------|------------------------------|---|---------------------------------|--|----------------------------|--|
| 2 control | | | Pla | ant | | 22.0 | | 3.0 | | |
| 3 | | | | ire/ PPE | | 0.5 | | 0.2 | | |
| 4 | Monit | Environment Monitoring / Management Env. Monito different par | | | | 0.5 | | 0.3 | | |
| 5 | Occupation Sa | nal Health fety | | | | 0.5 | | 0.2 | | |
| 6 | | Green Belt evelopment Green | | n Belt | | 1.0 | | 0.4 | | |
| 7 | Hazardous waste & Dispos Solid waste management | | | ler | 3.0 | | 2.0 | | | |
| 8 | | iative (Rain arvesting) | ¹ Rain Water | Harvest | ting | 2.5 | | 0.2 | | |
| 51.S | torage | e of ch | emicals | (infl | amab | e/expl | osive/ha | zardou | s/toxic | |
| | | | | sub | stance | es) | | | | |
| Descrij | ption | Status | Location | n | 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 | Ą | NA | NA | | NA | NA | NA | NA | NA | |
| 52.A | | | | ny Ot | her Info | ormation | 1 | | | |
| No Informa | tion Availab | le | | | | | | | | |
| | | | 53. | Traffi | c Mana | gement | | | | |
| Nos. of the junction to the main road & design of confluence: | | | | 1 No. e | ntry and 1 | No. of exist | will be provide | d. | | |
| | | Number basemer | and area of it: | NA | | | | | | |
| | | Number podia: | and area of | NA | | | | | | |
| | | Total Parking area: | | 112 sq. | mtr | | | | | |
| | | Area per | | NA | | | | | | |
| | C | | Area per car: Number of 2- | | | | | | | |
| Parking details: | | Wheelers as approved by competent authority: | | NA | | | | | | |
| | | Number of 4- Wheelers as approved by competent authority: | | 5 nos. of waste transport vehicles. | | | | | | |
| | | Public Transport: | | NA | | | | | | |
| Width of all Intern roads (m): | | | | as per norms - 6 mtr wide roads. | | | | | | |
| | Abhay Pimparkar (Secretary SEAC-I) | | | No: 163 N 15, 20 | | e: March | Page 30 D | Signature: Name: Dr. Umaka r. Umakant Chairman SI | | |

| | CRZ/ RRZ clearance | Not Applicable | | | | |
|--|---|---|---|--|--|--|
| | obtain, if any: Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | No Protected Areas / Critically Polluted areas / Eco-sensitive areas in study area. Dyanganga Wildlife Sanctuary is located approx. 13 Km from Project site boundary. | | | | |
| | Category as per schedule of EIA Notification sheet | 7(da) - B | | | | |
| | Court cases pending if any | Not Applicable | | | | |
| | Other Relevant Informations | NIL | 2 | | | |
| | Have you previously submitted Application online on MOEF Website. | Yes | 23 | | | |
| | Date of online submission | 22-05-2018 | | | | |
| | TOR 9 | Suggested Ch | anges | | | |
| Consolidated Statement Point Number | Original | Remarks | Submitted Changes | | | |
| 19. Total Ground Coverage (m2) | 936.155 Sq. mtr | | 1023.69 Sq. m. | | | |
| 20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | 25.80% | | 28.21% | | | |
| 31. Production Details - Product - 1. Biomedical Waste Incinerator | Proposed - 52.27 MT/M (1809 Kg/Day) & Total - 52.27 MT/M (1809 Kg/Day) | | Existing - 0 , Proposed - 150 Kg/hr & Total - 150 Kg/hr | | | |
| 31. Production Details - Product - 2. Biomedical Waste Autoclave | Proposed - 13.56 MT/M (452 Kg/Day) & Total - 13.56 MT/M (452 Kg/Day) | | Existing - 0 ,Proposed - 500 Lit/Batch & Total - 500 Lit/Batch | | | |
| 31. Production Details - Product - 3. Biomedical Waste Shredder. | Not Added | | Existing - 0 , Proposed - 50 Kg/hr & Total - 50 Kg/hr | | | |
| 32. Total Water Requirement | Dry Season - Fresh water (CMD): 18 cmd; Recycled water - Flushing (CMD): 5.6 cmd; Total Water Requirement (CMD): 27.6 cmd | | Dry Season - Fresh water (CMD): 21.5 cmd; Recycled water - Flushing (CMD): 9.5 cmd (Process Water); Total Water Requirement (CMD): 35 cmd | | | |
| 32. Total Water Requirement | Wet Season - Fresh water (CMD): 18 cmd; Recycled water - Flushing (CMD): 5.6 cmd; Total Water Requirement (CMD): 27.6 cmd | | Wet Season - Fresh water (CMD): 21.5 cmd; Recycled water - Flushing (CMD): 13.5 cmd (Process Water); Total Water Requirement (CMD): 35 cmd | | | |
| 33. Details of Total water consumed | | nsumption - Proposed - otal 21.6 | Industrial Process - Consumption - Proposed - 29 & Total 29 | | | |
| 33. Details of Total water consumed | | s - Proposed 12 & Total 2 | Industrial Process - Loss - Proposed 17.4 & Total 17.4 | | | |



| Industrial Process - Effluent - Proposed - 9.6 & Total 9.6 | Industrial Process - Effluent - Proposed - 11.6 & Total 11.6 |
|--|--|
| Quantity of storm water: - 0.04 m3/sec | Quantity of storm water: - 0.0135 m3/sec |
| Size of SWD : 1 ft * 1 ft | Size of SWD : 1 ft * 1 ft * 2 Nos. |
| STP technology : Not Applicable as domestic sewage will be soaked in soak pit and overflow if any will be used for gardening. | STP technology : Sewage will be treated in Modular STP and treated water will be used for Gardening / Green Belt. |
| Amount of effluent generation (CMD): 9.6 cmd | Amount of effluent generation (CMD): 11.6 cmd |
| Capacity of the ETP: 10 cmd | Capacity of the ETP: 15 m3 |
| Amount of treated effluent recycled : 9.6 cmd treated effluent generated from ETP. Total effluent generated will be treated & recycled for venturi scrubber | Amount of treated effluent recycled : 11.6 cmd treated effluent generated from ETP. Total effluent generated will be treated & recycled for venturi scrubber |
| 1. Incinerator - Fuel Used with Quantity - LDO/ HSD: 15 Kg/hr | 1. Incinerator - Fuel Used with Quantity - LDO/ HSD: 40 - 60 (max) Kg/hr |
| 1. LDO/ HSD: Existing : 0 ; Proposed: 15 Kg/ hr & Total- 15 Kg/ hr | 1. LDO/ HSD: Existing : 0 ; Proposed: LDO/ HSD: 40 - 60 (max) Kg/hr & Total- LDO/ HSD: 40 - 60 (max) Kg/hr |
| Parking details: Total Parking area: 112 sq.mtr | Parking details: Total Parking area: 303.91 Sq. mtr (within Plot) + 450 Sq. mtr. (Outside Plot - Additional Parking Space) |
| DISCUSSION ON ENVIRON | IMENTAL ASPECTS |
| Not Applicable | |
| | |
| Not Applicable | |
| Not Applicable Not Applicable | |
| | |
| Not Applicable | |
| Not Applicable Not Applicable | |
| Not Applicable Not Applicable Not Applicable | |
| Not Applicable Not Applicable Not Applicable Not Applicable | |
| | Total 9.6 Quantity of storm water: - 0.04 m3/sec Size of SWD : 1 ft * 1 ft STP technology : Not Applicable as domestic sewage will be soaked in soak pit and overflow if any will be used for gardening. Amount of effluent generation (CMD): 9.6 cmd Capacity of the ETP: 10 cmd Amount of treated effluent recycled : 9.6 cmd treated effluent generated from ETP. Total effluent generated will be treated & recycled for venturi scrubber 1. Incinerator - Fuel Used with Quantity - LDO/ HSD: 15 Kg/hr 1. LDO/ HSD: Existing : 0 ; Proposed: 15 Kg/ hr & Total- 15 Kg/ hr Parking details: Total Parking area: 112 sq.mtr DISCUSSION ON ENVIRON Not Applicable Not Applicable Not Applicable Not Applicable |

| | Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 32 | Signature: Name: Dr. Umakant Gangetrao Dangat |
|--|----------------------------|--|----------|--|
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Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 7(d)a as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

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

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

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

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

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

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.

DECISION OF SEAC



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

Specific Conditions by SEAC:

PP to submit certificate of incorporation of the company, list of board of directors and memorandum of articles.
 PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, provision of culde-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.

3) PP to comply with the standard conditions stipulated for the Bio Medical Waste facility in the Office Memrandum issued by MoEF&CC dated 4th January, 2019 for the preparation of EIA/EMP report.

4) PP to submit action plan for point wise compliance of the Bio Medical Waste Rules, 2016.

5) PP to design incinerator as per guidelines prescribed by CPCB and include details in the EIA report.

6) PP to carry out survey to decided on the quantum of the waste expected to be recived for treatment; PP to justify proposed capacity of the incinerator with respect to the expected quantity of BioMEdical Waste.

7) PP to include detailed plan of segregation, collection, transport, storage, treatment and disposla of BioMedical Waste in the EIA report inlcuding numbers of vehicles and features of the vehicles to be engaed for waste collection.8) PP to submit details of the waste storage facilities/rooms.

9) PP to include details of waste generated from the treatment facility and its scientific disposal in the EIA report.

10) PP to include details of the fuel requirement and storage for the incineration in the EIA report.

11) PP to include details of waste heat recovery if any.

12) PP to inlcude details of waste water treatment and disposal in the EIA report.

13) PP to submit landuse map based on satellite imagery including location of specific sensitives such as national parks/wild life snactury, villages, industries etc.

14) PP to include details of the pollution control equipment/technologies and online monitoring equipments in the EIA report.

15) PP to prepare detailed plan and implementation action plan for training and awareness campaign of the workers on site and staff of the hospitals for segregation and collection of the BioMEdical Waste. PP to prepare specific program to monitor safety and health protection of the workers and inlcude it in the EIA report.

16) PP to inloude EMP devised to mitigate the adverse impacts of the project along with item-wise cost of its

implementation (capital and recurring costs).

17) PP to submit emergency preparedness plan.

18) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly PP to provide lightening arrestor.

FINAL RECOMMENDATION

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

| agger of the ser | | | Signature: |
|----------------------------|--|----------|--------------------|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | . | Dr. Umakant Dangat |
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| Agenda of 163rd Meeting | of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 4) | | |
|---|---|--|--|
| SEAC Me | eting number: 163 Meeting Date March 15, 2019 | | |
| | r Expansion of Synthetic Organic Chemicals Manufacturing facility. | | |
| Is a Violation Case: Yes | | | |
| | | | |
| 1.Name of Project | Expansion of Synthetic Organic Chemicals Manufacturing facility at Plot No. H - 8, MIDC Satpur, Tal Nasik, Dist. Nasik by Spak Orgo Chem (India) Private Limited. | | |
| 2.Type of institution | Private | | |
| 3.Name of Project Proponent | Spak Orgo Chem (India) Private Limited. | | |
| 4.Name of Consultant | Aditya Environmental Services Pvt. Ltd. | | |
| 5.Type of project | Not applicable | | |
| 6.New project/expansion in existing project/modernization/diversification in existing project | Expansion of existing manufacturing facility | | |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | No | | |
| 8.Location of the project | Plot No. H - 8, MIDC Satpur, Tal Nasik, Dist. Nasik, Maharashtra | | |
| 9.Taluka | Nashik | | |
| 10.Village | MIDC Satpur | | |
| Correspondence Name: | Ameya Jogalekar | | |
| Room Number: | H-8, MIDC, Satpur, Dist : Nashik | | |
| Floor: | Not applicable | | |
| Building Name: | Not applicable | | |
| Road/Street Name: | Not applicable | | |
| Locality: | MIDC Satpur | | |
| City: | Nashik | | |
| 11.Area of the project | Not Applicable | | |
| | Not Applicable | | |
| 12.IOD/IOA/Concession/Plan Approval Number | IOD/IOA/Concession/Plan Approval Number: Not Applicable | | |
| | Approved Built-up Area: | | |
| 13.Note on the initiated work (If applicable) | Consent to establish was obtained from MPCB in the year 2010 and consent to operate with expansion having consent validity upto 31.05.2017 in the year 2012 from the MPCB regional office without obtaining environmental clearance | | |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | Plan Approved by MIDC | | |
| 15.Total Plot Area (sq. m.) | 4234.85 sq. m | | |
| 16.Deductions | Not applicable | | |
| 17.Net Plot area | 4234.85 sq. m | | |
| | a) FSI area (sq. m.): Not applicable | | |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI) | | | |
| | c) Total BUA area (sq. m.): | | |
| | Approved FSI area (sq. m.): Not applicable | | |
| 18 (b).Approved Built up area as per DCR | Approved Non FSI area (sq. m.): Not applicable | | |
| | Date of Approval: 07-04-2018 | | |
| 19.Total ground coverage (m2) | Not applicable | | |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | Not applicable | | |
| 21.Estimated cost of the project | 38707565 | | |
| 22 Num | ber of buildings & its configuration | | |

22.Number of buildings & its configuration

| Abhay Pimparkar (Secretary SEAC-I) | SEAC Meeting No: 163 Meeting Date: March 15, 2019 | | Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I) |
|---------------------------------------|--|--|---|
|---------------------------------------|--|--|---|

| Serial number | Buildin | ng Name & number Number of floors Height of the building (M | | | | | | | | |
|--|--|---|----------------|--------|-----------------|--------------|--|--|--|--|
| 1 | 1 | Not applicable Not applicable Not applicable | | | | | | | | |
| 23.Number tenants an | | Not applica | ble | | | | | | | |
| 24.Number expected r users | | Not applica | ble | | | | | | | |
| 25.Tenant per hectar | | Not applica | Not applicable | | | | | | | |
| 26.Height building(s) | | | | | | | | | | |
| 27.Right o (Width of t from the n station to t proposed b | the road earest fire the | Not Applica | ble | | | 332 | | | | |
| 28.Turning for easy ac fire tender movement around the excluding for the pla | cess of from all building the width | Not applica | ble | | | 100 × | | | | |
| 29.Existing structure (| J s) if any | Not applica | ble | | | | | | | |
| 30.Details demolition disposal (I applicable) | with f | Not applica | ble | | | | | | | |
| | | | 31. P | roduct | tion Details | | | | | |
| Serial Number | Pro | duct | Existing | (MT/M) | Proposed (MT/M) | Total (MT/M) | | | | |
| 1 | Organic S | urfactants | 76 | 5.5 | 0 | 76.5 | | | | |
| 2 | Organie | c Esters | 13 | 1.3 | 0 | 131.3 | | | | |
| 3 | Poly Ele | lectrolytes 18.0 0 18.0 | | | | 18.0 | | | | |
| 4 | | and other surfactants | 60 |).0 | 0 | 60.0 | | | | |
| | Si | 3 | 2.Tota | l Wate | r Requireme | nt | | | | |


| | | Source of wa | ter | Not applical | ole | | | | | |
|--------------------------------------|----------------|--|---|----------------|------------|------------|----------|--------------|-------|--|
| | | Fresh water | (CMD): | Not applical | ole | | | | | |
| | | Recycled wat Flushing (CM | | Not applical | ole | | | | | |
| Recycled water - Gardening (CMD): | | | Not applicable | | | | | | | |
| | | Swimming po make up (Cu | | Not applical | ole | | | | | |
| Dry seasor | 1: | Total Water Requirement : | (CMD) | Not applical | ble | | | | | |
| | | Fire fighting Underground tank(CMD): | | Not applical | ble | | | 2 | | |
| | | Fire fighting Overhead wa tank(CMD): | | Not applical | ble | | 5 | 3 | | |
| | | Excess treate | ed water | Not applical | ole | | | | | |
| | | Source of wa | ter | Not applical | | | | | | |
| | | Fresh water | | Not applical | ole | | | | | |
| | | Recycled wat Flushing (CM | | Not applical | ole | \bigcirc | | | | |
| | | | ecycled water - ardening (CMD): Not applicable | | | | | | | |
| | | Swimming po make up (Cu | | Not applicat | ole | | | | | |
| Wet seaso | n: | Total Water Requirement | (CMD) | Not applical | ble | | | | | |
| | | Fire fighting Underground tank(CMD): | | Not applical | ble | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | ter | Not applical | ble | | | | | |
| | | Excess treate | ed water | Not applicable | | | | | | |
| Details of pool (If an | Swimming y) | Not applicable | • | | | | | | | |
| | | 33. | Detail | s of Total | l water co | nsume | d | | | |
| Particula rs | Cons | umption (CM | D) | Ι | Loss (CMD) | | Efi | fluent (CMD) | | |
| Water Require ment | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | |
| Domestic | 3.5 | 0 | 3.5 | 0.5 | 0 | 0.5 | 3.0 | 0 | 3.0 | |
| Industrial Process | 8.0 | 0 | 8.0 | 0 | 0 | 0 | 8.0 | 0 | 8.0 | |
| Cooling tower & thermopa ck | 19.2 | 0 | 19.2 | 16.5 | 0 | 16.5 | 2.7 | 0 | 2.7 | |
| Gardening | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | |
| | | | | | | | | | | |

| agaomes | | Signature: |
|----------------------------|--|------------------------|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Dr. Umakant Dangat |
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| | 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 | | | | | |
| 34.Rain Water Harvesting | Quantity of recharge pits: | Not Applicable | | | | | |
| (RWH) | 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 | | | | | |
| | | | | | | | |
| | Natural water drainage pattern: | Not applicable | | | | | |
| 35.Storm water drainage | Quantity of storm water: | n Not applicable | | | | | |
| | Size of SWD: | Not applicable | | | | | |
| | | | | | | | |
| | Sewage generation in KLD: | 3.0 cmd | | | | | |
| | STP technology: | Not Applicable as Soak Pit is provided for discharge of sewage generated & overflow if any is used for Gardening. | | | | | |
| Sewage and | Capacity of STP (CMD): | Not Applicable | | | | | |
| Waste water | Location & area of the STP: | Not Applicable | | | | | |
| | Budgetary allocation (Capital cost): | Not Applicable | | | | | |
| | Budgetary allocation (O & M cost): | Not Applicable | | | | | |
| | 36.Solie | d waste Management | | | | | |
| Waste generation in | Waste generation: | Not Applicable | | | | | |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | Not Applicable | | | | | |
| | Dry waste: | HDPE drums : 50 Nos. / Month & Plastic bags : 400 Nos./ month | | | | | |
| | Wet waste: | Not Applicable | | | | | |
| Wasto goneration | Hazardous waste: | Category 35.3 : ETP sludge - 10 Kg/ Day | | | | | |
| Waste generation in the operation Phase: | Biomedical waste (If applicable): | Not Applicable | | | | | |
| 1 11000 | STP Sludge (Dry sludge): | Not Applicable | | | | | |
| | Others if any: | Not Applicable | | | | | |
| | | | | | | | |

| appropries | | Signature: |
|----------------------------|--|--------------------|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Dr. Umakant Dangat |
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| | | Dry waste: | | Sale to Autl | norized party | V | | | | | |
|--------------------------|---------------------------------------|--|-------------|---|---------------------|---------------------------------------|-----------------------------|-------------------------------------|--|--|--|
| | | Wet waste | | Not applica | | | | | | | |
| | | Hazardous | | CHWTSDF | | | | | | | |
| Mode of a of waste: | Mode of Disposal Biomedica applicable | | | Not applicable | | | | | | | |
| | | STP Sludg sludge): | e (Dry | Not applica | Not applicable | | | | | | |
| | | Others if a | ny: | Not applica | ble | | | | | | |
| | | Location(s |): | Utility Area | | | | | | | |
| Area requirem | ent: | Area for th of waste & material: | | 30 Sq. mtr. | | | | | | | |
| | | Area for m | achinery: | Not Applica | ble | | | | | | |
| Budgetary | | Capital co | st: | Not applica | ble | | | 0 | | | |
| (Capital co O&M cost) | | O & M cos | t: | Not applica | ble | | | | | | |
| | · | | 37.Ef | fluent Cl | narecter | estics | | | | | |
| Serial Number | Paran | neters | Unit | Inlet E | ffluent erestics | Outlet | Effluent cerestics | Effluent discharge standards (MPCB) | | | |
| 1 | р | H | - | 8 | .5 | 6. | 5-7 | 5.5-9.0 | | | |
| 2 | CC | DD | mg/lit | 7000- | 10000 | 700- | 1300 | < 250 | | | |
| 3 | BC | DD | mg/lit | 32 | 00 | 200 | -275 | < 100 | | | |
| 4 | TI | DS | mg/lit | 30 | 00 | 0- | 40 | < 2100 | | | |
| 5 | TS | SS | mg/lit | 100 | 000 | 150 | -200 | <100 | | | |
| 6 | Oil & Oil | Grease | mg/lit | 60 | 00 | 8 | -9 | <10 | | | |
| 7 | Sulp | hate | mg/lit | 1400 | 1800 | 40 | 00 | < 1000 | | | |
| 8 | Chlo | rides | mg/lit | 65 | 50 | <6 | 500 | < 600 | | | |
| Amount of e (CMD): | effluent gene | eration | Trade Efflu | ent - 10.7 cm | ıd | | | | | | |
| Capacity of | the ETP: | | 11 cmd | | | | | | | | |
| Amount of t recycled : | reated efflue | ent | 10.7 cmd | | | | | | | | |
| Amount of v | vater send to | o the CETP: | Not Applica | licable (It is Zero Liquid Discharge Unit) | | | | | | | |
| Membershij | p of CETP (if | require): | Not Applica | Applicable | | | | | | | |
| | P technology | | 5 | ary, Secondary and Tertiary Treatment including MEE | | | | | | | |
| Disposal of | the ETP sluc | lge | CHWTSDF | SDF | | | | | | | |
| | CY | | 38.Ha | zardous | Waste D | etails | | | | | |
| Serial Number | | iption | Cat | UOM | Existing | Proposed | Total | Method of Disposal | | | |
| 1 | ETP S | ludge | 35.3 | Kg/day | 10 | 0 | 10 | CHWTSDF | | | |
| | | | 39.St | acks em | ission D | etails | | | | | |
| Serial Number | Section | & units | | sed with ntity Stack No | | Height from ground level (m) | Internal diameter (m) | Temp. of Exhaust Gases | | | |
| 1 | Boiler (ca Ton | | Briquette 2 | .47 Ton/day | 1 | 30 | 0.450 | 175 | | | |

| appropringers | | | Signature: Name: Dr. Umakant Gangatrao Dangat |
|----------------------------|--|---------|--|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 39 | Dr. Umakant Dangat |
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| 2 | (capacity | luid heater 2 Lac kcal 1r) | Furna | ace oil | 184 kg/day | 2 | 20 | 0.3 | 50 | 170 |
|------------------|--------------|--|--------|--------------------------|-------------------|---------------|-----------------|--------|-----------------|----------------------------------|
| 3 | (capacity | luid heater 2 Lac kcal 1r) | Furna | ace oil | 184 kg/day | 3 | 20 | 0.3 | 50 | 170 |
| 4 | | 200 KVA bosed) | I | HSD 20 | 0 Lit/hr | 4 | as per norms | N. | A | NA |
| | | | 4 | 0.De | tails of F | uel to | be used | | | |
| Serial Number | Tyj | pe of Fuel | | | Existing | | Proposed | | | Total |
| 1 | E | Briquette | | | 2.47 Ton/day | 7 | 0 | | | 2.47 Ton/day |
| 2 | Fu | ırnace oil | | | 368 kg/day | | 0 | | | 368 kg/day |
| 3 | | HSD | | | 0 lit/hr | | 20 Lit/hr | | | 20 Lit/hr |
| 41.Source o | f Fuel | | | Local | | | | | | 3 |
| 42.Mode of | Transportat | tion of fuel to | site | By Ro | bad | | | | | |
| | | | | | | | | | | |
| | | Total RG a | rea : | | as per norm | ıs | | | | |
| | | No of tree: | s to b | to be cut Not Applicable | | | | | | |
| 43.Gree | | Number of be planted | | Not Applicable | | | | | | |
| Develop | ment | List of pro native tree | | | | | | | | |
| | | Timeline f completion plantation | n of | | Not Applica | ıble | | | | |
| | 44.Nu | mber and | d list | c of t | rees spe | cies to | be plante | d in 1 | t he g i | round |
| Serial Number | Name of | the plant | Co | ommo | n Name | Qu | iantity | Cha | | istics & ecological nportance |
| 1 | Will be pro | ovide in EIA | Will | be pro | vide in EIA | Will be p | rovide in EIA | | Will be | e provide in EIA |
| 45 | .Total qua | ntity of plar | nts on | grou | nd | | | | | |
| 46.Num | ber and | l list of s | hrub | s an | d bushes | s specie | s to be pl | ante | d in t | he podium RG |
| Serial Number | | Name | 7 | | C/C Dista | nce | | | Area | m2 |
| 1 | Will be | provide in E | IA | И | /ill be provid | e in EIA | | Will] | oe provi | ide in EIA |
| | | | | | 47.Eı | nergy | | | | |



| | | Source of supply : | power | MSEDCL | | | | |
|---------------------------------------|------------|---|---------------------|------------------------------|--------------------------|-----------|---------------|---------------------|
| | | During Co Phase: (De Load) | nstruction emand | Not Applica | able | | | |
| | | DG set as back-up du constructi | uring | Not Applicable | | | | |
| | | During Op phase (Cor load): | | 180 KVA | | | | |
| Pov require | | During Op phase (De load): | | 180 KVA | | | | |
| | | Transform | er: | Not Applicable | | | | |
| | | DG set as back-up du operation | uring | 200 KVA | | | | 2.5 |
| | | Fuel used: | | HSD | | | | |
| | | Details of tension lin through th any: | e passing | Not Applica | ıble | | 00 | |
| | | 48.Ene | ergy savi | ng by no | n-coi | vention | al metho | od: |
| NA | | | | | 6 | | | |
| | | 4 | 9.Detail | calculati | ons a | & % of sa | aving: | |
| Serial Number | Е | nergy Cons | ervation M | easures | Saving % | | | aving % |
| 1 | | | NA | NA | | | | |
| | | 50 | .Details | of pollution control Systems | | | | |
| Source | Ex | isting pollu | tion contro | Proposed to be installed | | | | |
| Boiler (capacity 1.5 | | | 6 | | | | | |
| Ton/hr) & TFH (2 nos.) - | Sta | ack height as | s per CPCB g | ruidelines | uidelines Not Applicable | | | Applicable |
| (capacity 2 Lac kcal /hr each) | | | | | | | | |
| DG Set (200 KVA) | GY | Not | Applicable | | | Sta | ack height as | per CPCB guidelines |
| Budgetary (Capital | allocation | Capital co | st: | NA | | | | |
| O&M | | O & M cos | t: | NA | | | | |
| 51 | .Enviro | onment | tal Mar | nageme | ent p | olan Bu | udgeta | ry Allocation |
| | | a) | Construc | ction pha | nse (v | vith Bre | ak-up): | |
| Serial Number | Attri | butes | | neter | | | | num (Rs. In Lacs) |
| 1 | N | IA | N | A | | | N | A |
| | | b |) Operat | ion Phas | e (wi | th Breal | k-up): | |
| Abhay Pimparkar (Secretary SEAC-I) | | | | | | | | |

| Serial Number | Com | ponent | Descr | iption | Capi | tal cost Rs Lacs | | tional and ost (Rs. in | Maintenance Lacs/yr) |
|--|--------------|--|-------------------|----------|------------------------------|--|---------------------------------|---------------------------|----------------------------|
| 1 NA 1 | | | A | | NA | | NA | | |
| 51.S ⁻ | torage | e of che | micals | (infla | amabl | e/expl | osive/haz | zardou | s/toxic |
| | 0 | | | | tance | _ | - | | - |
| | | | | | | Maximum Quantity | | | |
| Descrip | otion | Status | Locatio | | Storage Capacity in MT | of Storage at any point of time in MT | Consumption / Month in MT | Source of Supply | Means of transportation |
| P.K.C | DIL | existing | at site | | 20 KL | 20 KL | 51 | local | By Road |
| CFA | ł | existing | at site | | 20 KL | 20 KL | 145.3 | local | By Road |
| RBFA/OLE | IC ACID | existing | at site | | 20 KL | 20 KL | 145.3 | local | By Road |
| Sorbitol Mon (finish pr | I | existing | at site | | 25 KL | 25 KL | 0 | local | By Road |
| Sorbitol Mor (finish pr | | existing | at site | | 16 KL | 16 KL | 0 | local | By Road |
| | | | 52.A | ny Oth | er Info | rmation | | | |
| No Informat | tion Availal | ole | | | | | | | |
| | | | 53. | Traffic | Manag | jement | | | |
| | | Nos. of th to the mai design of confluenc | in road & | Not Appl | licable | | | | |
| | | Number a basement | nd area of | Not App | licable | | | | |
| | | Number a podia: | nd area of | Not Appl | licable | | | | |
| | | Total Parl | xing area: | Not App | licable | | | | |
| | | Area per o | ar: | Not App | | | | | |
| | | Area per o | ar: | Not App | licable | | | | |
| Parking | details: | Number o Wheelers approved competen authority: | as by t | Not Appl | licable | | | | |
| Number of Wheelers as approved by competent authority: | | s as d by Not App nt | | licable | | | | | |
| | | Public Tra | nsport: | Not App | licable | | | | |
| | | Width of a roads (m) | ll Internal | As per R | ule | | | | |
| | | CRZ/ RRZ obtain, if | clearance any: | Not App | licable | | | | |

| | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Not Applicable |
|---|--|-----------------------------|
| | Category as per schedule of EIA Notification sheet | 5 (f) - B |
| | Court cases pending if any | No, Not Applicable |
| | Other Relevant Informations | NIL |
| | Have you previously submitted Application online on MOEF Website. | Yes |
| | Date of online submission | 11-04-2018 |
| 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 informa | tion of the project by SEAC |



PP submitted their application for grnat of ToR under category 5(f)B1 for violation project and expansion as per amended Notification issued by MoEF&CC dated 08.03.2018, PP applied for the grant of ToR to the MoEF&CC and SEIAA vide Unique ID No. 1199 on 11th April, 2018 on SEIAA portal for grant of ToR as a case of violation and expansion.

The proposal was considered in the 151st meeting of SEAC-1 held on 25.05.2018 whrein the proposal was deferred for following reason,

After detailed deliberations with the PP and their accredited cosultant, it was observed that PP was not having adequate information to present to the committee.

Hence deferred.

DECISION OF SEAC

During deliberation PP requested to postpone the case.

Hence, deferred

Specific Conditions by SEAC:

FA

FINAL RECOMMENDATION

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



Agenda of 163rd Meeting of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day -4)

SEAC Meeting number: 163 Meeting Date March 15, 2019

Subject: Environment Clearance for Proposed Expansion of MS. Billets Manufacturing Unit (From 2000 TPM to 30000 TPM) and TMT bar Manufacturing (3000 TPM) by M/s. Gajalaxmi Steel Pvt. Ltd. At Plot No. F - 4, 5, 6, Phase - II, Additional MIDC, Jalna, Dist - Jalna, Maharashtra.

Is a Violation Case: No

| 1.Name of Project | Proposed Expansion of MS. Billets Manufacturing Unit (From 2000 TPM to 30000 TPM) and TMT bar Manufacturing (3000 TPM) by M/s. Gajalaxmi Steel Pvt. Ltd. At Plot No. F - 4, 5, 6, Phase - II, Additional MIDC, Jalna, Dist - Jalna, Maharashtra. |
|---|--|
| 2.Type of institution | Private |
| 3.Name of Project Proponent | M/s. Gajalaxmi Steel Pvt. Ltd. |
| 4.Name of Consultant | Building Environment India Pvt. Ltd. |
| 5.Type of project | Not applicable |
| 6.New project/expansion in existing project/modernization/diversification in existing project | Expansion of MS Billets Manufacturing (From 2000 TPM to 30000 TPM) and Proposed TMT Bar Manufacturing (3000 TPM) |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | Earlier EC was not required because production capacity was less than threshold limit of 30000 TPA |
| 8.Location of the project | Plot No. F - 4, 5, 6, Phase - II, Additional MIDC, Jalna |
| 9.Taluka | Jalna |
| 10.Village | Jalna |
| Correspondence Name: | Mr. Anoop Jajoo |
| Room Number: | Plot No. F - 4, 5, 6 |
| Floor: | - |
| Building Name: | Gajalaxmi Steel Pvt. Ltd. |
| Road/Street Name: | - |
| Locality: | Phase – II, Additional MIDC, Jalna |
| City: | Jalna |
| 11.Area of the project | MIDC Jalna |
| | Industry is already existing. Expansion Building Plan has been approved by MIDC vide letter no. DB/IFMS/B-79041/OF 2015 dated 16/06/2015. |
| 12.IOD/IOA/Concession/Plan Approval Number | IOD/IOA/Concession/Plan Approval Number: Industry is already existing. Expansion Building Plan has been approved by MIDC vide letter no. DB/IFMS/B-79041/OF 2015 dated 16/06/2015. |
| | Approved Built-up Area: 7745.70 |
| 13.Note on the initiated work (If applicable) | Expansion yet to start |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | Not Applicable |
| 15.Total Plot Area (sq. m.) | 15682.00 sqm |
| 16.Deductions | Not applicable |
| 17.Net Plot area | 15682.00 |
| | a) FSI area (sq. m.): 7745.70 |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI) | b) Non FSI area (sq. m.): Not applicable |
| | c) Total BUA area (sq. m.): 7745.70 |
| | Approved FSI area (sq. m.): 14110.00 |
| 18 (b).Approved Built up area as per DCR | Approved Non FSI area (sq. m.): Not applicable |
| | Date of Approval: 16-06-2015 |
| 19.Total ground coverage (m2) | 5118.85 |
| | |



| 20.Ground-o (Note: Perce to sky) | coverage Perentage of plo | | 32.64 | | | | | | |
|--|---|----------------|-------------|---------------|------------------------|-------------------------------------|--|--|--|
| 21.Estimate | d cost of the | project | 40.44 | | | | | | |
| | 2 | 2.Numl | ber of l | buildin | gs & its con | figuration | | | |
| Serial number | Buildir | ng Name & r | umber | Nu | mber of floors | Height of the building (Mtr | | | |
| 1 | 1 | Not applicable | 9 | 1 | Not applicable | Not applicable | | | |
| 23.Number tenants an | | Not applical | ble | | | | | | |
| 24.Number expected r users | | 225 No. of V | Vorkers | | | | | | |
| 25.Tenant per hectar | | Not applical | ble | | | 3 | | | |
| 26.Height building(s) | | | | | | | | | |
| 27.Right o (Width of t from the n station to t proposed h | the road earest fire the | 60 m | | | | 000 | | | |
| 28.Turning for easy ac fire tender movement around the excluding for the pla | ccess of from all building the width | 9-12 m | | | 00° | | | | |
| 29.Existing structure (| | It is an expa | nsion proje | ct. Hence inc | dustry is operating wi | th 2000 TPM production of MS. Bille | | | |
| 30.Details of the demolition with disposal (If applicable) | | | | | | | | | |
| | | | 31.P | roduct | tion Details | | | | |
| Serial Number | Pro | duct | Existing | (MT/M) | Proposed (MT/M |) Total (MT/M) | | | |
| 1 | M.S. | Billets | 20 | 00 | 28000 | 30000 | | | |
| 2 | TMT | l Bar | (|) | 3000 | 3000 | | | |
| | CY | 3 | 2.Tota | l Wate | r Requiremo | ent | | | |



| | | Source of wa | ter | MIDC | | | | | | | |
|--------------------------------------|----------|--|---------|----------------|------------|-------|----------|----------------------|-------|--|--|
| Fresh water (CMD): | | | (CMD): | 100 | | | | | | | |
| | | Recycled wat Flushing (CM | | Nil | | | | | | | |
| | | Recycled wat Gardening (C | | Nil | | | | | | | |
| | | Swimming po make up (Cu | | Not applicable | | | | | | | |
| Dry season | 1: | Total Water Requirement : | (CMD) | 100 | | | | | | | |
| | | Fire fighting Underground tank(CMD): | | 50000 lit | | | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | | Not applical | ole | | | 3 | | | |
| | | Excess treate | d water | Not applical | ole | | | | | | |
| | | Source of wa | ter | MIDC | | | | | | | |
| | | Fresh water (| (CMD): | 100 | | | | | | | |
| | | Recycled wat Flushing (CM | | Nil | C | | | | | | |
| | | Recycled wat Gardening (C | | Nil | | | | | | | |
| | | Swimming po make up (Cu | | Not applicable | | | | | | | |
| Wet seaso | n: | Total Water Requirement : | (CMD) | 100 | | | | | | | |
| | | Fire fighting Underground tank(CMD): | | 50000 lit | | | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | | Not applicable | | | | | | | |
| | | Excess treate | d water | Not applicable | | | | | | | |
| Details of spool (If an | | Not applicable |) | | | | | | | | |
| | | 33. | Detail | s of Tota | l water co | nsume | d | | | | |
| Particula rs | Cons | umption (CM | D) | I | Loss (CMD) | | Eff | fluent (CMD) | | | |
| Water Require ment | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | | |
| Domestic | 2.5 | 7.5 | 10 | 1 | 1 | 2 | 1.5 | 6.5 | 8 | | |
| Cooling tower & thermopa ck | 5 | 65 | 70 | 1 | 58 | 59 | 4 | 7 | 11 | | |
| Industrial Process | 5 | 15 | 20 | 0 | 0 | 0 | 5 | 15 | 20 | | |
| | | | | | | | | | | | |

| agentations | | | Signature: Name: Dr. Umakant Gangetreo Dangat |
|----------------------------|--|----------------|--|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 47 | Dr. Umakant Dangat |
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| | Level of the Ground water table: | 3.84 to 16.20 m bgl | | | | | |
|--|--|---|--|--|--|--|--|
| | Size and no of RWH tank(s) and Quantity: | 3 No. 10mX10mX5m | | | | | |
| | Location of the RWH tank(s): | Near Green Belt, Near Office Building & Near Storage Yard | | | | | |
| 34.Rain Water Harvesting | Quantity of recharge pits: | 1 | | | | | |
| (RWH) | Size of recharge pits : | 2m x 2m x 2m | | | | | |
| | Budgetary allocation (Capital cost) : | Rs. 40000/- | | | | | |
| | Budgetary allocation (O & M cost) : | Rs. 5000 per year | | | | | |
| | Details of UGT tanks if any : | 1 UGT tank - 5m x 9m x 1.5m | | | | | |
| | | | | | | | |
| | Natural water drainage pattern: | Natural water drainage pattern by gravity | | | | | |
| 35.Storm water drainage | Quantity of storm water: | 70 m3 | | | | | |
| | Size of SWD: | 300 x 450 mm | | | | | |
| | | | | | | | |
| | Sewage generation in KLD: | 8 KLD of generated sewage will be led down to the septic tank followed by soak pit. | | | | | |
| | STP technology: | Not Applicable | | | | | |
| Courses and | Capacity of STP (CMD): | Not Applicable | | | | | |
| Sewage and Waste water | Location & area of the STP: | Not Applicable | | | | | |
| | Budgetary allocation (Capital cost): | Not Applicable | | | | | |
| | Budgetary allocation (O & M cost): | n Not Applicable | | | | | |
| | 36.Solie | d waste Management | | | | | |
| Waste generation in | Waste generation: | There will be marginal construction. Top Soil - 200 m3; Construction Debris - 2 MT; Metal Scrap - 2 MT. | | | | | |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | Generated Construction waste such as excavated top soil will be preserved for green belt development. In addition to that construction material such MS scrape will be used existing furnace for billets manufacturing. Other waste like corrugated box, papers, plastic will be disposed of through authorized vendor. | | | | | |
| | Dry waste: | 50 kg/day | | | | | |
| | Wet waste: | 15 kg/day | | | | | |
| Wasto generation | Hazardous waste: | No hazardous waste generated | | | | | |
| Waste generation in the operation Phase: | Biomedical waste (If applicable): | Not Applicable | | | | | |
| 1 11001 | STP Sludge (Dry sludge): | Not Applicable | | | | | |
| | Others if any: | Slag from Furnace - 50 MT/Day | | | | | |
| AVESS | | Signature: | | | | | |

| ageno mars | | | Signature: |
|----------------------------|--|---------|------------------------------------|
| CEOP | | | Name: Dr. Umakant Gangatrao Dangat |
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 48 | Dr. Umakant Dangat |
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| Mode of Disposal of waste: | | Wet waste Hazardous Biomedica | waste: l waste (If | 15 kg/day wet waste from canteen will be disposed through authorized waste collectors of Municipal Corporation. No Hazardous Waste is generated. Not Applicable | | | | | |
|--|---|---|--|--|---|--|---|--|--|
| | | applicable STP Sludg sludge): | | Not Applic | | | | | |
| | | Others if a | ny: | Not Applic | able | | | | |
| | | Location(s | | Near Weig | | | | 0 | |
| Area requiren | ient: | Area for th of waste & material: | | 786 m2 | | | | 34 | |
| | | Area for m | achinery: | 786 m2 | | | | | |
| Budgetary (Capital co | allocation | Capital cos | st: | Rs. 3.50 La | akhs | | | | |
| O&M cost | | O & M cos | t: | Rs. 50000 | / annum | | | | |
| | | | 37.Ef | fluent C | harecter | estics | | | |
| Serial Number | Parameters Unit | | | Inlet Effluent CharecteresticsOutlet Effluent CharecteresticsEffluent disch standards (MI | | | | | |
| 1 | N | ΙA | NA | 1 | NA NA NA | | | | |
| - | Amount of effluent generation only eff (CMD): in which | | | | | | | | |
| Amount of | effluent gene | eration | only effluen in which wa | it generation ater scaling | n. Cooling to | wer blow dov f TDS is allo [,] | vn is being c wed to settle | ollected in settling tank down and after that | |
| Amount of | - | eration | only effluen in which wa | it generation ater scaling | n. Cooling to in the form o | wer blow dov f TDS is allo [,] | vn is being c wed to settle | ollected in settling tank down and after that | |
| Amount of (CMD): Capacity of | - | | only effluen in which wa supernatan | it generation ater scaling | n. Cooling to in the form o | wer blow dov f TDS is allo [,] | vn is being c wed to settle | ollected in settling tank down and after that | |
| Amount of (CMD): Capacity of Amount of recycled : | the ETP: | ent | only effluen in which wa supernatan NA | it generation ater scaling | n. Cooling to in the form o | wer blow dov f TDS is allo [,] | vn is being c wed to settle | ollected in settling tank down and after that | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of | the ETP: | ent o the CETP: | only effluen in which wa supernatan NA NA | it generation ater scaling | n. Cooling to in the form o | wer blow dov f TDS is allo [,] | vn is being c wed to settle | ollected in settling tank down and after that | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of Membershi | the ETP: treated efflue water send to | ent o the CETP: f require): | only effluen in which wa supernatan NA NA NA | it generation ater scaling | n. Cooling to in the form o | wer blow dov f TDS is allo [,] | vn is being c wed to settle | ollected in settling tank down and after that | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of Membershi Note on ET | T the ETP: treated efflue water send to p of CETP (if | ent o the CETP: f require): 7 to be used | only effluen in which wa supernatan NA NA NA NA | it generation ater scaling | n. Cooling to in the form o | wer blow dov f TDS is allo [,] | vn is being c wed to settle | ollected in settling tank down and after that | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of Membershi Note on ET | T the ETP: treated efflue water send to p of CETP (if P technology | ent o the CETP: f require): 7 to be used | only effluen in which wa supernatan NA NA NA NA NA NA | at generation ater scaling t water is be | n. Cooling to in the form o | wer blow dov f TDS is allo dust suppre | vn is being c wed to settle | ollected in settling tank down and after that | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of Membershi Note on ET | T the ETP: treated efflue water send to p of CETP (if P technology the ETP sluc | ent o the CETP: f require): 7 to be used | only effluen in which was supernatan NA NA NA NA NA NA | at generation ater scaling t water is be | n. Cooling to in the form o eing used for | wer blow dov f TDS is allo dust suppre | vn is being c wed to settle | down and after that | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of Membershi Note on ET Disposal of Serial | The ETP: treated efflue water send to p of CETP (if P technology the ETP sluce Descr | ent o the CETP: f require): 7 to be used lge | only effluen in which wa supernatan NA NA NA NA NA S8.Ha | at generation ater scaling t water is be | n. Cooling tov in the form o eing used for | wer blow dov f TDS is allo dust suppres Details | vn is being c wed to settle ssion purpos | ollected in settling tank down and after that e. | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of Membershi Note on ET Disposal of Serial Number | The ETP: treated efflue water send to p of CETP (if P technology the ETP slue Descr | ent o the CETP: f require): 7 to be used lge iption | only effluen in which wa supernatan NA NA NA NA NA NA S8.Ha Cat NA | t generation ater scaling t water is be uzardous UOM NA | n. Cooling tov in the form o eing used for S Waste E Existing | ver blow dov f TDS is allo dust suppres Details Proposed NA | vn is being c wed to settle ssion purpos | ollected in settling tank down and after that e. Method of Disposal | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of Membershi Note on ET Disposal of Serial Number | The ETP: treated efflue water send to p of CETP (if P technology the ETP sluce Descr N | ent o the CETP: f require): 7 to be used lge iption | only effluen in which wa supernatan NA NA NA NA NA NA Cat NA 39.St Fuel Us | t generation ater scaling t water is be zardous UOM NA cacks em | n. Cooling tov in the form o eing used for s Waste D Existing NA | ver blow dov f TDS is allo dust suppres Details Proposed NA | vn is being c wed to settle ssion purpos | ollected in settling tank down and after that e. Method of Disposal | |
| Amount of (CMD): Capacity of Amount of recycled : Amount of Membershi Note on ET Disposal of Serial Number 1 Serial | The ETP: treated efflue water send to p of CETP (if P technology the ETP sluce Descr N Section Inductior | ent o the CETP: f require): v to be used dge iption | only effluen in which wa supernatan NA NA NA NA NA NA Cat NA 39.St Fuel Us | t generation ater scaling t water is be uater is be ua | n. Cooling tov in the form o eing used for waste D Existing NA | ver blow dov f TDS is allo dust suppres Details Proposed NA etails Height from ground | vn is being c wed to settle ssion purpos Total NA Internal diameter | ollected in settling tank down and after that e. Method of Disposal NA Temp. of Exhaust | |

| agenoratives | | | Signature: Name: Dr. Umakant Gangetrao Dangat |
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| | | | 40.De | etails of F | uel t | to be used | | |
|---|-------------|-----------------------------|-----------|----------------|---------|----------------------|--------------------------|--------------------------------------|
| Serial Number | Tyj | Гуре of Fuel | | Existing | | Proposed | | Total |
| 1 | E | lectricity | | 4995 kVA | | 5105 kVA | | 10100 kVA |
| 41.Source c | of Fuel | | MSE | DCL | | | • | |
| 42.Mode of | Transportat | tion of fuel to s | ite Tran | smission Line |) | | | |
| | | | | | | | | |
| | | Total RG are | ea: | 5200.00 sq1 | n | | | |
| | | No of trees t | to be cut | Not Applica | ble (Tl | nere is no tree fell | ng in propo | esed expansion) |
| 43.Gree | | Number of t be planted : | rees to | 100 | | | | 0. |
| Development List of proposed native trees : Timeline for completion of plantation : | | | | 100 | | | | 31 |
| | | | | approx. 1 year | | | | |
| | 44.Nu | mber and | list of t | trees spe | cies | to be plante | l in the | ground |
| Serial Number | Name of | the plant | Commo | on Name | | Quantity | Charact | eristics & ecological importance |
| 1 | Mimusoj | pes alengi | Ba | kul 15 | | Evergree | en tree, timber yielding | |
| 2 | Azadirct | tca indica | Ne | eem 20 | | Everg | reen Medicinal Plant | |
| 3 | Pongame | ea Pinnata | Ka | Karanj | | 15 | N | Medicinal Plant |
| 4 | Saraca | a Indica | Sita | Ashok | | 10 | Everg | reen Medicinal Plant |
| 5 | Syzygia | m cumini | Jam | lbhul | | 5 | Fruit tree | and bird attracting tree |
| 6 | Neolamark | xia cadamba | Kad | lamb | | 10 | Tropic | al fruit tree and bird attracting |
| 7 | Vitex r | negundo | Nir | gudi | 10 | | Everg | reen Medicinal Plant |
| 8 | Bomba | ax ceiba | Sa | lvar | | 15 | Ν | Medicinal Plant |
| 45 | i.Total qua | ntity of plants | s on grou | nd | | | | |
| 46.Num | nber and | l list of shi | rubs an | d bushes | spe | cies to be pla | anted in | the podium RG |
| Serial Number | | Name | ~ | C/C Dista | nce | | Are | a m2 |
| 1 | | NA | | NA | | | 1 | NA |
| | | | | 47.Eı | ıerg | Jy | | |
| | SY | | | | | | | |



| | Source of power supply : | | MSEDCL | MSEDCL | | | | | |
|-----------------------------|--------------------------|---|--------------|---|--|--------------------------|--|--|--|
| Power requirement: | | During Cor Phase: (De Load) | | Existing Po | wer Su | er Supply will be used | | | |
| | | DG set as I back-up du constructio | ring | Existing DG will be used. | | | | | |
| | | During Ope phase (Con load): | | 10100 kVA | | | | | |
| | | During Ope phase (Den load): | | 10100 kVA | | | | | |
| | | Transform | er: | - | | | | | |
| | | DG set as F back-up du operation p | ring | 2 x 500 kVA | 2 x 500 kVA | | | | |
| | | Fuel used: | | Diesel | | | | | |
| | | Details of I tension lin through th any: | e passing | None | | | | | |
| | | 48.Ene | rgy savi | ng by no | n-co | nventional m | ethod: | | |
| NA | | | | | - | | | | |
| | | 49 | 9.Detail | calculati | ons | & % of saving | q: | | |
| Serial Number | E | nergy Conse | | easures Saving % | | | - | | |
| 1 | | | NA | NA | | | | | |
| | | 50. | Details | of pollution control Systems | | | | | |
| Source | Ex | isting pollu | tion contro | Proposed to be installed | | | posed to be installed | | |
| Air | 7 | Venturi Dust | Collector Pi | - | | | ollector with Wet Scrubber | | |
| Water | | Septic Tar | nk with Soal | c Pit | Existing Septic Tank and Soak Pit are capable cater the proposed load. | | | | |
| Solid Waste | | Collection | n, Segregati | ion | | Сс | ollection, Segregation | | |
| Budgetary | | Capital cos | st: | NA | | | | | |
| (Capital) O&M | | 0 & M cost | | NA | | | | | |
| 51 | .Enviro | onment | al Mar | nageme | ent j | olan Budg | etary Allocation | | |
| | | a) (| Constru | ction pha | ise (v | with Break-u | p): | | |
| Serial Number | Attril | butes | Para | meter | | Total Cost p | eer annum (Rs. In Lacs) | | |
| 1 For Construction For Cons | | | struction | | | 80 | | | |
| | | b) |) Operat | ion Phas | e (wi | th Break-up |): | | |
| Serial Number | Comp | onent | Descr | iption | Сар | ital cost Rs. In Lacs | Operational and Maintenance cost (Rs. in Lacs/yr) | | |
| 1 | Air Envi | ronment | | Environment Stack – emission control | | | 8.00 | | |
| | | | | | | | | | |

| approximately | | | Signature: |
|----------------------------|--|----------|--------------------|
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| 2 | Water & V | Vaste water | r Water & w | vaste wa | ter | 15.00 | | 0.30 |) | |
|-------------|--|---|--|---|------------------------------|---|--------------------------------|--|----------------------------|--|
| 3 | Gree | en Belt | Gree | Green Belt | | 5.00 | | 1.40 |) | |
| 4 | Envt. M | onitoring | Envt. Mo | Envt. Monitoring | | | | 0.75 | 5 | |
| 5 | RWH, safe | er aspects like , safety, security, etc. Other asp RWH, safet | | zy, security, 2.50 | | | 1 | | | |
| 6 | Conti | ngency | Contir | igency | | 3.00 | | 0.50 |) | |
| 51.S | torage | of ch | emicals | (infl | amabl | e/expl | osive/h | azardou | s/toxic | |
| 0110 | loidge | 01 011 | 0111104110 | - | stance | - | 00110711 | | | |
| Descrip | otion | Status | Location | | Storage Capacity in MT | Maximum Quantity of Storage at any point of time in MT | Consumptio / Month in MT | | Means of transportation | |
| NA | | NA | NA | | NA | NA | NA | NA | NA | |
| | | | 52.A | ny Ot | her Info | rmation | | | | |
| No Informat | ion Availab | le | | 5 | | | | | | |
| | | | 53. | Traffi | c Manag | jement | | | | |
| | | Nos. of t to the ma design of confluen | he junction ain road & f | 1 | S | 500 | | | | |
| | | Number and area of basement: | | NA | | | | | | |
| | | Number and area of podia: Total Parking area: | | NA | | | | | | |
| | | | | 1626.00 m2 | | | | | | |
| | | Area per | | 12.5 m2 12.5 m2 | | | | | | |
| Parking | details: | Number Wheelers approved compete | Area per car: Number of 2- Wheelers as approved by competent authority: | | 2 | | | | | |
| | S | Wheelers approved compete | Number of 4- Wheelers as approved by competent authority: | | NA | | | | | |
| | | Public T | ransport: | NA | | | | | | |
| | | Width of roads (m | all Internal | 9-12 m | | | | | | |
| | | CRZ/ RR obtain, it | Z clearance f any: | NA | | | | | | |
| | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | | | No Protected areas in the vicinity of 10 km from the site | | | | | | |
| | Abhay Pimparkar (Secretary SEAC Meeting N | | | | Meeting Dat 19 | e: March | Page 52 of 90 | Signature: Name: Dr. Umaka Dr. Umakant (Chairman Si | | |

| | Category as per schedule of EIA Notification sheet | 3 (a) Metallurgical industries (ferrous & non-ferrous) Secondary metallurgy operation of Furnace only with capacity >30,000 TPA | | | | | | | |
|---|--|---|--|--|--|--|--|--|--|
| | Court cases pending if any | Not Applicable | | | | | | | |
| | Other Relevant Informations | | | | | | | | |
| | Have you previously submitted Application online on MOEF Website. | Yes | | | | | | | |
| | Date of online submission | 30-10-2018 | | | | | | | |
| 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 informa | tion of the project by SEAC | | | | | | | |



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

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

PP to carry out Public Hearing as per procedure stipulated in the EIA Notification 2006 along with proposed plan to implement the same with specific timelines.

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

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

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

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

DECISION OF SEAC

| ager of the st | | Signature: Name: Dr. Umakant Gangetreo Dangat |
|----------------------------|--|--|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Dr. Umakant Dangat |
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Draft Terms of Reference (TOR) have been discussed and finalized during the meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

SEAC-1 decided to make a site visit to see the layout, location of storages of raw material and finished products, adequacy of land etc. The details of the site visit will be communicated to the PP well in advance.

Specific Conditions by SEAC:

PP to submit certificate of incorporation of the company, list of board of directors and memorandum of articles.
PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, provision of culde-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.

3) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations.

4) PP to carry out study and submit report on global warming potential of the process (generation of CO2gas/tons of product) as the process is very energy intensive. PP to carry ut heat integration study and submit reprot along with propsoed measures to be taken.

5) PP to submit Risk Assessment reprot along with propsed mitigation mesaures.

6) PP to submit detailed plan for the strage and resue/ dispsoal of waste slag.

7) PP to include water and carbon foot print monitoring in the EMP.

St.A.

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 proposed mitigation measures.

9) PP to use new and renewable energy source for the illumination of office building, street lights, parking areas etc.10) PP to carry out heat integration study and explore possibilities for reuse of waste heat.

FINAL RECOMMENDATION

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



| | 4) | | | | | | |
|---|---|--|--|--|--|--|--|
| SEAC Me | eting number: 163 Meeting Date March 15, 2019 | | | | | | |
| Subject: Environment Clearance for Pvt. Ltd. | r Proposed Expansion of Existing Industrial Activity of M/s. Hemmo Pharmaceuticals | | | | | | |
| Is a Violation Case: No | | | | | | | |
| 1.Name of Project M/s. Hemmo Pharmaceuticals Pvt. Ltd. | | | | | | | |
| 2.Type of institution | Private | | | | | | |
| S.Name of Project Proponent | Mr. Haresh Ahuja | | | | | | |
| .Name of Consultant | Building Environment (India) Pvt. Ltd. | | | | | | |
| 5.Type of project | Industry 5(f) Category B | | | | | | |
| 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, PP has not obtained Environmental Clearance for existing project | | | | | | |
| B.Location of the project | C-43, Off Thane Belapur Road TTC MIDC, Near NOCIL RCD Square | | | | | | |
|).Taluka | Thane | | | | | | |
| l0.Village | Pawane Village | | | | | | |
| Correspondence Name: | Mr. Haresh Ahuja | | | | | | |
| Room Number: | NA | | | | | | |
| Floor: | NA | | | | | | |
| Building Name: | NA | | | | | | |
| Road/Street Name: | C-43, Off Thane Belapur road TTC MIDC Pawane Village, Near NOCIL RCD Square, Maharashtra - 400613 | | | | | | |
| Locality: | Pawane | | | | | | |
| City: | Thane | | | | | | |
| 1.Area of the project | Industry is located in Turbhe MIDC | | | | | | |
| | Industry is having approved plan from MIDC - DE/MHP/D 34141 /dt. 26.11.2014 | | | | | | |
| 12.IOD/IOA/Concession/Plan Approval Number | IOD/IOA/Concession/Plan Approval Number: DE/MHP/D 34141 /dt.26.11.2014 | | | | | | |
| approval Number | Approved Built-up Area: 4171.29 | | | | | | |
| 13.Note on the initiated work (If applicable) | Existing Industry is already in operation & no work related to proposed expansion has been initiated. | | | | | | |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | NA | | | | | | |
| 15.Total Plot Area (sq. m.) | 4631.00 sq. m. | | | | | | |
| l6.Deductions | NA | | | | | | |
| 17.Net Plot area | 4631.00 sq. m. | | | | | | |
| | a) FSI area (sq. m.): 4474.44 | | | | | | |
| .8 (a).Proposed Built-up Area (FSI & Non-FSI) | b) Non FSI area (sq. m.): NA | | | | | | |
| c) Total BUA area (sq. m.): 4474.44 | | | | | | | |
| | Approved FSI area (sq. m.): 4171.29 | | | | | | |
| 18 (b).Approved Built up area as per DCR | Approved Non FSI area (sq. m.): NA | | | | | | |
| | Date of Approval: 26-11-2014 | | | | | | |
| 9.Total ground coverage (m2) | 1781.00 | | | | | | |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | 38% | | | | | | |
| | | | | | | | |

22.Number of buildings & its configuration

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| Serial number | Buildin | ıg Name & nun | nber Num | ber of floors | Height of the building (Mtrs) | | | |
|--|---|---|---|--|-------------------------------|--|--|--|
| 1 | N | lot Applicable | Not | Applicable | Not Applicable | | | |
| 23.Numbe tenants ar | r of | ps Not applicable as it is an industry | | | | | | |
| 24.Numbe expected r users | | This is an indus | stry and Total expected | ry and Total expected population shall be 180 (Existing 140 and Proposed 40) | | | | |
| 25.Tenant per hectar | | Not applicable | as it is an industry | | | | | |
| 26.Height building(s | | | | | | | | |
| station to | the road learest fire | 9m | | | 332 | | | |
| 28.Turning for easy ac fire tender movement around the excluding for the pla | ccess of f from all building the width | s Il Turning Radius is 9.0 m | | | | | | |
| 29.Existin structure | | Admin Building, ETP, Electrical & AHU Room, DG Room, Boiler Room, Lab | | | | | | |
| 30.Details demolition disposal (l applicable | n with If | NA | | | | | | |
| | | | 31.Producti | on Details | | | | |
| Serial Number | Pr | oduct | Existing (MT/M) | Proposed (MT/M) | Total (MT/M) | | | |
| 1 | | | 0.004 | 0.002 | 0.006 | | | |
| 2 | Other Peptides (Leuprorelin, Desmopressin, Somatostatin, Tetracosactide,Gonadorelin, Calcitonin, Terlipressin, Octreotide, Buserelin, Decapeptide, Cetrorelix, Carbetocin, Bivalirudin, Goserelin, Triptorelin, Glatiramer, Linaclotide, Eptifibatide, Vasopressin, Salmon GnRH A, Atosiban, Degarelix, Exenatide, MBP Peptides, ACTH (Corticotropin), Glucagon, GL Peptide Custom Peptides, Peptides,Amino Acid based peptides, Liraglutide, Abaloparatide, Teriparatide | | Solution and Powder form) Other Peptides (Leuprorelin, Desmopressin, Somatostatin, Tetracosactide,Gonadorelin, Calcitonin, Terlipressin, Octreotide, Buserelin, Decapeptide, Cetrorelix, Carbetocin, Bivalirudin, Goserelin, Triptorelin, Glatiramer, Linaclotide, 0.002 Glatiramer, Linaclotide, Peptifibatide, Vasopressin, Salmon GnRH A, Atosiban, Degarelix, Exenatide, MBP Peptides, ACTH (Corticotropin), Glucagon, GL Peptide Custom Peptides, Peptides, | | 0.004 | | | |

32.Total Water Requirement



| | | Source of water MIDC | | | | | | | | |
|--------------------------------------|-----------|--|----------|------------------------------|------------|-------|----------|-------------|-------|--|
| | ĺ | Fresh water | (CMD): | 187.5 | | | | | | |
| | | Recycled wat Flushing (CM | | 0 | | | | | | |
| Recycled water - Gardening (CMD): | | | 14.5 | 14.5 | | | | | | |
| | | Swimming po make up (Cu | | 0 | | | | | | |
| Dry season: | | Total Water Requirement : | (CMD) | 202.0 | | | | | | |
| | | Fire fighting Underground tank(CMD): | | 100 | | | | 2 | | |
| | | Fire fighting Overhead wa tank(CMD): | | 115 | | | 0 | 3 | | |
| | | Excess treate | ed water | 61.67 | | | | | | |
| | | Source of wa | ter | MIDC | | | | | | |
| | | Fresh water | (CMD): | 187.5 | | | | | | |
| | | Recycled wat Flushing (CM | | 0 | C | | | | | |
| Recycled water - Gardening (CMD): | | | | 0.0 | | | | | | |
| | | Swimming po make up (Cu | | 0 | | | | | | |
| Wet season: | | Total Water Requirement : | (CMD) | 202.0 | | | | | | |
| | | Fire fighting Underground tank(CMD): | | 100 | | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | | 115 | | | | | | |
| | | Excess treate | ed water | 76.17 | | | | | | |
| Details of Swim pool (If any) | ming | NA | | | | | | | | |
| | $7 \land$ | 33. | .Detail | s of Tota | l water co | nsume | d | | | |
| Particula rs | Cons | umption (CM | D) | Ι | Loss (CMD) | | Eff | luent (CMD) | | |
| Water Require Exis ment | sting | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | |
| Domestic 15 | 5.0 | 5.1 | 20.1 | 4.6 | 1.0 | 5.6 | 10.4 | 4.1 | 14.5 | |
| Industrial Process 35 | 5.27 | 24.32 | 59.59 | 0.0 0.0 0.0 35.85 24.72 60.5 | | | | | 60.57 | |
| Cooling tower & thermopa ck | 0.5 | 27.3 | 107.8 | 77.2 26.2 103.5 3.3 1.1 4.3 | | | | | 4.3 | |
| Gardening 2 | 2.0 | 12.5 | 14.5 | 2.0 | 12.5 | 14.5 | 0 | 0 | 0 | |

| agent marsh | | | Signature: |
|----------------------------|--|-------|--------------------|
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| Fresh water requireme nt | 130.8 | 56.7 | 187.5 | 81.8 | 27.3 | 109.1 | 49.6 | 29.9 | 79.4 | | |
|--|------------------------------------|--------------------------------------|---------------|---|--|-------------------------------|----------------|------------------|-----------|--|--|
| | | Level of the (water table: | Ground | 5-10 m | | | | | | | |
| | | | of RWH | 1 tank of 4.2m*4.0m*3.0m; Volume-50,000 Lit | | | | | | | |
| | | Location of t tank(s): | he RWH | Beside D.G | Set | | | | | | |
| 34.Rain W Harvestin | | Quantity of r pits: | echarge | NA | | | | 0. | | | |
| (RWH) | 9 | Size of recha : | rge pits | NA | | | | SV | | | |
| | | Budgetary al (Capital cost | | 3.0 Lakh | | | | | | | |
| | | Budgetary al (O & M cost) | | 0.2 Lakh | | | S' | | | | |
| | | Details of UG if any : | T tanks | UGT having | 2 Lakh Liters | capacity is | provided. | | | | |
| | | | | | | | | | | | |
| | Natural water drainage pattern: | | | | | | | | | | |
| 35.Storm drainage | 35.Storm water drainage | | torm | 302.83 m3/h | ır. | | | | | | |
| | | Size of SWD: | | 500mm*450 | mm | | | | | | |
| | | | | | 7 | | | | | | |
| | | Sewage gene in KLD: | ration | 14.5 KLD | | | | | | | |
| | | STP technolo | gy: | Currently having septic tank, Industry has proposed 20CMD STP based on MBBR technology | | | | | | | |
| Sewage a | and | Capacity of S (CMD): | ТР | 20 CMD *1 No. of STP | | | | | | | |
| Waste wa | ater | Location & a the STP: | rea of | Beside ETP Plant | | | | | | | |
| | | Budgetary al (Capital cost | | n 24 Lakh [STP - 12.0 Lakh, ETP - 12.0 Lakh] | | | | | | | |
| | c Ý | Budgetary al (O & M cost) | location : | 3.8 Lakh | | | | | | | |
| | 5 | 36 | 5.Soli | d waste | Manag | ement | ţ | | | | |
| | | Waste genera | ation: | Construction | n Debris | | | | | | |
| Waste gene the Pre Con and Constru phase: | nstruction | Disposal of the construction debris: | he | Sheds, stora very less. Th | already in oper age tanks, Was ne waste will b illing low layin | ste likely to e utilized v | generate is | concrete which | h will be | | |
| | | Dry waste: | | | radable waste 146470 Nos./N | | lay , Inert wa | aste - 8.1 kg/da | ay, | | |
| | | Wet waste: | | Biodegradable Waste = 24.3 kg/day | | | | | | | |
| Waste ger | | Hazardous w | aste: | | nt = 75 m3/mo TP sludge = 5 | | | | | | |
| in the ope Phase: | | Biomedical w applicable): | vaste (If | 1200 Kg/yea | ar | | | | | | |
| | | STP Sludge (sludge): | Dry | 78 kg/month | 1 | | | | | | |
| | | Others if any | : | NA | | | | | | | |

| | | Dry waste: | | Sent to Nav as Manures | | unicipal Cor | poration; ST | TP Sludge will be used | |
|---|---------------|--|--------------|---|--|---------------|----------------------|-------------------------------------|--|
| | | Wet waste | : | Sent to Nav | i Mumbai M | unicipal Cor | poration | | |
| Mode of Disposal Hazardous | | | waste: | | nt Solvent sent to Authorized Recycler/ Reprocessor, Process waste sidue & ETP Sludge sent to CHWTSDF, Used Oil sent to Authorized ycler | | | | |
| of waste: | | Biomedica applicable | | Sent to Autl | horized disp | osal facility | | | |
| | | STP Sludg sludge): | e (Dry | Used as Ma | nure | | | | |
| | | Others if a | ny: | NA | | | | | |
| | | Location(s |): | South West Corner of the plot | | | | | |
| Area requirem | ent: | Area for th of waste & material: | | 25 sq.m. for | r storage | | | 2 | |
| | | Area for m | achinery: | N.A. [As no | onsite treat | ment facility | | | |
| Budgetary | | Capital cos | st: | 1.07 lakh | | | | | |
| (Capital co O&M cost) | | O & M cos | t: | 2.0 lakh | | | | | |
| | | | 37.Ef | fluent Cl | narecter | estics | | | |
| Serial Number | Paran | neters | Unit | Inlet E Charect | | | Effluent erestics | Effluent discharge standards (MPCB) | |
| 1 | TI | DS | mg/l | 11 | 64 | 784 | | <=2100 | |
| 2 | р | H | - | 4. | 4.5 | | 32 | 5.5-9 | |
| 3 | BOD (3 Da | ays 27 0C) | mg/l | 118 | | 27 | | <=100 | |
| 4 | Suspend | ed Solids | mg/l | 142 | | 62.4 | | <=100 | |
| 5 | CC | DD | mg/l | 65 | 54 | 142 | | <=250 | |
| 6 | Oil & O | Grease | mg/l | 8. | .9 | 2 | <=10 | | |
| 7 | Phinolic C | Compound | mg/l | 1. | .2 | 0. | 12 | <=1 | |
| 8 | Free Ai | nmonia | mg/l | 5. | .8 | 1 | .0 | <=5 | |
| 9 | Sulphi | de as S | mg/l | 2. | .5 | 0. | 53 | <=2 | |
| 10 | | Nitrogen | mg/l | 19 | 0.2 | 4.4 | | <=20 | |
| 11 | 5 | Test (90%) | % | - | - | 9 | 0 | 90 | |
| (CMD): | effluent gene | eration | 64.91 | | | | | | |
| Capacity of | | | Existing = 3 | g = 50 CMD, Same shall be augmented to the 75CMD | | | | | |
| Amount of t recycled : | reated efflue | ent | 14.5 CMD | íD | | | | | |
| Amount of v | vater send to | o the CETP: | 61.67 | 7 | | | | | |
| Membershij | o of CETP (if | require): | Yes industr | dustry has obtained CETP membership | | | | | |
| Note on ETP technology to be used Fenton's Technology | | | | | | | | | |
| Disposal of the ETP sludge ETP Sludge generated will be disposed to CHWTSDF | | | | | | | | | |
| 38.Hazardous Waste Details | | | | | | | | | |
| Serial Number | Descr | iption | Cat | | | | | Method of Disposal | |
| 1 | Spent S | Solvent | 28.6 | m3/month | 50.0 | 25.0 | 75.0 | Authorize recycler/re- processor | |

| age ones | | | Signature: Name: Dr. Umakant Gangarao Dangat |
|----------------------------|--|---------|---|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 60 | Dr. Umakant Dangat |
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| 2 | Process waste & residue | 28.1 | kg/month | 30.0 | 107.0 | 137.0 | CHWTSDF | | | |
|--|--|------------------|-------------------------------------|---|---------------------------------------|-----------------------------|---------------------------|--|--|--|
| 3 | ETP Sludge | 35.3 | kg/month | 43.42 | 10.0 | 53.42 | CHWTSDF | | | |
| 4 | Used Oil | 5.1 | Lit/month | 0.0 | 100.0 | 100.0 | Authorized Recycler | | | |
| 39.Stacks emission Details | | | | | | | | | | |
| Serial Number | Section & units | Fuel Use Quar | | Stack No. | Height from ground level (m) | Internal diameter (m) | Temp. of Exhaust Gases | | | |
| 1 | DG Set 500 KVA*2 | HSD = 2 | 00 lit/hr | 2 | 9 | 0.2245 | 155 OC | | | |
| 2 | Boiler (1250 kg/hr | PNG = 245 | SCM/Day | 1(Common Stack has been provided for both Existing and proposed Boiler (After proposed expansion existing 850kg/hr Boiler will be treated as standby arrangement) | 21 | 0.3 | 150 OC | | | |
| 3 | Boiler (1250 kg/hr | PNG = 505 | SCM/Day | 1(Common Stack has been provided for both Existing and proposed Boiler (After proposed expansion existing 850kg/hr Boiler will be treated as standby arrangement) | 21 | 0.3 | 150 OC | | | |
| 4 | Process Reactor (150 litres) | N | A | 1 | 14 | NA | NA | | | |
| | | 40.De | tails of l | Fuel to be | used | | | | | |
| Serial NumberType of FuelExistingProposedTo | | | | | | | | | | |
| 1 | 1 HSD 100.0 lit/hr 100.0 lit/hr 200.0 lit/hr | | | | | | | | | |
| 2 | PNG | | 245 SCM/Day 505 SCM/Day 750 SCM/Day | | | | | | | |
| 1.Source o | of Fuel | Marl | xet and local | Vendor | | | | | | |
| | Transportation of fuel to | | k and Tanke | | | | | | | |



| A3.Green Belt No of trees to be cut i. 0 43.Green Belt Number of trees to be planted :: Existing-92 Nos ; Proposed-136 Nos List of Trees is given below List of Trees is given below Timeline for ompletion of plantation : Already Planted 92 trees. Proposed plant of 136 trees after obtaining EC Serial Number Name of the plant Common Name Quantity Characteristics & ecological importance 1 Manilkara zapota Chiku 23 Areetone extincts of the seeds exhibited in vitro intracterial officity against strains of Pseudongins obcorrans and UbTro cholerae. 2 Mangifera indica Mango 27 Dried Flowers are used as medical cur 3 Terminalia catappa Badam 9 Altenda y summers and mild, wet wirnters. 4 Azadirachta indica Neom tree 8 Ideal Source for insecticide and pesticide 5 Ficus religiosa Vat tree 13 Itsi an ornamontal patient and is also used in herbal and chinas with variant and weed ¹ or inaturalised weed ¹ by the clobal Compondum of Weeds. 6 Cassia fistula Anatas 18 Source in secticide and pesticide. 7 Syzygium cumini Jamun 7 Soused in herbal and chinas subcontinent and | | | Total RG a | rea : | 1528.0 m2 | | | | | | |
|---|---------------|-----------|--------------|---------------|------------------------------|--------------------------------------|----------|---|--|--|--|
| 43.Green Belt Development i. momber of trees to be planted : Existing-92 Nos ; Proposed 136 Nos 1 Number of trees to be plant is of proposed native trees : List of proposed list of Trees is given below 3 Timeline for plantation : Already Planted 92 trees. Proposed plant of 136 trees after obtaining EC 3 Name of the plant Common Name Quantity 1 Manilkara zapota Chiku 23 2 Mangifera indica Mango 27 3 Terminalia catappa Badam 9 4 Azadirachta indica Neem tree 8 5 Ficus religiosa Vat tree 13 6 Cassia fistula Aniatas 18 7 Syzygium cumini Jamun 7 8 Dalbergia sitssoo Sheesham 8 9 Tectona grandis Teak 8 10 Terminalia arguna Jamun 7 7 Syzygium cumini Jamun 7 7 Syzygium cumini Jamun 7 8 Dalbergia sitssoo Sheesham 8 9 </td <td></td> <td></td> <td>No of trees</td> <td>s to be cut</td> <td>0</td> <td></td> <td></td> <td></td> | | | No of trees | s to be cut | 0 | | | | | | |
| Institue frees : List of trees is given below Timeline for plantation : Aready Planted 92 trees. Proposed plant of 136 trees after obtaining EC Serial Number Name of the plant Common Name Quantity Characteristics & scological importance 1 Manilkara zapota Chiku 23 Aready Planted 92 trees. Proposed plant of 136 trees after obtaining EC 2 Mangifera indica Common Name Quantity Characteristics & scological importance 2 Mangifera indica Mango 27 Dried Flowers are used as medical cure 3 Terminalia catappa Badam 9 Mediterranean climates with warm, dry summers and mild, wet winters. 4 Azadirachta indica Neem tree 8 Ideal source for insecticide and peticide as an "environmental weed" or "naturalised weed" by the Global Compendium of Weeds. 5 Ficus religiosa Vat tree 13 It is an Ornamental plant and is also used in herbuit susdan subcontinent and adjacent regions of Southast Asta 7 Syzygium cumini Jamun 7 The seed of the furth susdan adjacent regions or Southast Asta 9 Tectona grandis Teak 8 It is resistant on thermite attacks and damage coused by other insects. 10 Terminalia arjuna Arjun 15 Arjuna hastraditonaly been used insects. 10 | | | | | | Existing- 92 Nos ; Proposed- 136 Nos | | | | | |
| completion of plantation : Already Planted 92 trees. Proposed plant of 13b trees after obtaining EC 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 Manilkara zapota Chiku 23 Acetone extincts of the seeds exhibited in vitro antibacterial effects against strains of Pseudomoras aloevorans and VBFrio cholerae. Acetone extincts of the seeds exhibited in vitro antibacterial effects against strains of Pseudomoras aloevorans and VBFrio cholerae. 2 Mangifera indica Mango 27 Dries Howers are used as medical cure 3 Terminalia catappa Badam 9 Aimond grows best in Mediterranean climates with warm, dry summers and mild, wet winters. 4 Azadirachta indica Neem tree 8 Ideal source for insecticide and pesticide 5 Ficus religiosa Vat tree 13 or instraitrailed weed ¹ by the Global Compendium of Weeds. 6 Cassia fistula Amatras 18 alse used in herbal medicine. The species is native to the lendian subcontinent and adjacent regions of or Sutheast Asia 7 Syzygium cumini Jamun 7 Ike Auvreda Umani and Chineses medicine. The species is native to the lendian subcontinent and adjacent regions of or sutheast Asia 9 Jectona grandis Teak < | Develop | ment | | | List of Trees is given below | | | | | | |
| Serial NumberName of the plantCommon NameQuantityCharacteristics & ecological importance1Manilkara zapotaChiku23Acetone extracts of the seeds exhibited in vitro antibacterial officed against strains of Pseudomofas oleovorans and Vibrio cholerae.2Mangifera indicaMango27Dried Flowers are used as medical cure3Terminalia catappaBadam9Almond grows best in Mediterranean clinates with warm, dry summers and mild, wet winters.4Azadirachta indicaNeem tree8Ideal source for insecticide and pesticide5Ficus religiosaVat tree13Isea an "environmental weed" wede.6Cassia fistulaAmatas18Isea an "environmental weed" warious alternative healing systems of Southeast Asia7Syzygium cuminiJamun7The seed of the fruit is used in various alternative healing systems like Ayuveda, Unani and Chinese medicine. It has a high source in various alternative healing systems like Ayuveda, Unani and Chinese medicine. It has a high source in insecti.8Dabergie sissooSheesham8Dabbergie sissoo, known commontly as North Indian rosewood is a fast-growing, hardy deciduous rosewood tree9Terminalia arjunaArjun15Arjuna has traditionally been used to treat heart disease for centuries.10Terminalia arjunaArjun15Arjuna has traditionally been used to treat heart disease for centuries.10Terminalia arjunaArjun15Arjuna has | | | completion | 1 of | 0 | | | | | | |
| NumberNumberNumberCommon NameQuantityimportance1Manilkara zapotaChiku23Acetone extracts of the seeds exhibited in vitro antibacterial effects against strains of Pseudongmis oleoverans and Vibrio cholerae.2Mangifera indicaMango27Dried flowers are used as medical cure3Terminalia catappaBadam9Almond grows best in Medifietranaen climates with warm, dry summers and mild, wet winters.4Azadirachta indicaNeem tree8Ideal source for insecticide and pesticide5Ficus religiosaVat tree13Listed as "environmental weed" of "a survalised weed" by the Global Compendium of Weeds.6Cassia fistulaAmatas18It is an Omamental plant and is also used in herbal medicine. The species is native to he Indian subcontinent and adjacent regions of southeast Asia7Syzygium cuminiJamun7The seed of the fruit is used in various alternative healing systems inter And vitamin C8Dalbergie sissooSheesham8Dalbergie sissoo, known commonly as North Indian rosewood, is a fast-growing, hardy deciduous rosewood tree9Terminalia arjunaArjun15Arjuna has traditionally been used to treat heart disease for centuries.10Terminalia arjunaArjun15Arjuna has traditionally been used to treat heart disease for centuries.45.Number and list of shrubs and bushes species to be planted in the podium RG:SerialArga m2 | | 44.Nu | mber and | l list of t | trees spe | cies to b | e plante | d in the ground | | | |
| 1Manilkara zapotaChiku23exhibited in vitro antibacterial officts against strains of Pseudoriorias oleovorans and Vibrio cholerae.2Mangifera indicaMango27Dried Flowers are used as medical cure3Terminalia catappaBadam9Mediterranean climates with warm, dry summers and mild, wet winters.4Azadirachta indicaNeem tree8Ideal source for insecticide and pesticide5Ficus religiosaVat tree13Listed as an "environmental weed" or "naturalised weed" by the Global Compendium of Weeds.6Cassia fistulaAmaltas18also used in herbal medicine. The species is native to the Indian subcontinent and adjacent regions of Southeast Asia7Syzygium cuminiJamun7The seed of the fruit is used in various alternative healing systems ilke Ayurveda, Unani and Chinese medicine. It has a high source in vitamin A and vitamin C8Dalbergia sissooSheesham8It is resistant to termite attacks and damage caused by other insects.9Tectona grandisTeak8It is resistant to termite attacks and damage caused by other centuries.10Terminalia arjunaArjun15Arjuna has traditionally been used to treat heart disease for centuries.9Tectona grandisG/f DistanceArga m29Tectona grandisG/f DistanceArga m2 | | Name of | the plant | Commo | on Name | Quai | ntity | | | | |
| 2 Mangurera indica Mango 27 cure 3 Terminalia catappa Badam 9 Almond grows best in Mediterranean climates with warm, dry summers and mild, wet winters. 4 Azadirachta indica Neem tree 8 Ideal source for insecticide and pesticide 5 Ficus religiosa Vat tree 13 Listed as an "environmental weed" or "naturalised weed" by the Global Compendium of Weeds. 6 Cassia fistula Amatas 18 also used in herbal medicine. The species is native to the Indian subcontinent and adjacent regions of Southeast Asia 7 Syzygium cumini Jamun 7 The seed of the fruit is used in vitamin A and vitamin C 8 Dathergia sissoo Sheesham 8 Dalbergia sissoo, known commonly as North Indian rosewood, is a fast-growing, hardy deciduous rosewood tree 9 Terminalia arjuna Arjun 15 Arjuna has traditionally been used to treat heart disease for centuries. 10 Terminalia arjuna Arjun 15 Arjuna has traditionally been used to treat heart disease for centuries. 4 Mangurera distor shrubs and bushes species to be planted in the podium RG: Serial Name | 1 | Manilka | ra zapota | Ch | iiku | 2 | 3 | exhibited in vitro antibacterial effects against strains of Pseudomonas oleovorans and | | | |
| 3 Terminalia catappa Badam 9 Mediterranean climates with warm, dry summers and mild, wet winters. 4 Azadirachta indica Neem tree 8 Ideal source for insecticide and pesticide 5 Ficus religiosa Vat tree 13 or "naturalised weed" by the Global Compendium of Weeds. 6 Cassia fistula Analtas 18 It is an Ornamental plant and is also used in herbal medicine. The species is native to the Indian subcontinent and adjacent regions of Southeast Asia 7 Syzygium cumini Jamun 7 The seed of the fruit is used in various alternative healing systems like Ayurveda, Unani and Chinese medicine. It has a high source in vitamin A and vitamin C 8 Dalbergia sissoo Sheesham 8 Dalbergia sissoo, known commonly as North Indian rosewood, is a fast-growing, hardy deciduous rosewood tree 9 Terminalia arjuna Arjun 15 Arjuna has traditionally been used to treat theast disease for centuries. 10 Terminalia arjuna Arjun 15 Arjuna has traditionally been used to treat misease for centuries. 4 Mame G/C Distance Area m2 | 2 | Mangife | ra indica | Ma | ngo | 2 | 7 | | | | |
| 4 Azadirachta indica Neem tree 8 pesticide 5 Ficus religiosa Vat tree 13 Listed as an "environmental weed" or "naturalised weed" by the Global Compendium of Weeds. 6 Cassia fistula Amaltas 18 It is an Ornamental plant and is also used in herbal medicine. The species is native to the Indian subcontinent and adjacent regions of Southeast Asia 7 Syzygium cumini Jamun 7 8 Dalbergia sissoo Sheesham 8 9 Tectona grandis Teak 8 10 Terminalia arjuna Arjun 15 4 Arguantity of plants on ground Arguantity of plants on ground Arga m2 | 3 | Terminali | ia catappa | Bac | dam | lam 9 | | Mediterranean climates with warm, dry summers and mild, wet | | | |
| 5Ficus religiosaVat tree13or "naturalised weed" by the Global Compendium of Weeds.6Cassia fistulaAmaltas18It is an Ornamental plant and is also used in herbal medicine. The species is native to the Indian subcontinent and adjacent regions of Southeast Asia7Syzygium cuminiJamun77Syzygium cuminiJamun78Dalbergia sissooSheesham89Tectona grandisTeak810Terminalia arjunaArjun1545.Total quantity of plants on groundC/C DistanceArea m2 | 4 | Azadirac | hta indica | Neen | n tree | tree 8 | | | | | |
| 6Cassia fistulaAmaltas18also used in herbal medicine. The species is native to the Indian subcontinent and adjacent regions of Southeast Asia7Syzygium cuminiJamun7The seed of the fruit is used in various alternative healing systems like Ayurveda, Unani and Chinese medicine. It has a high source in vitamin A and vitamin C8Dathergia sissooSheesham8Dathergia sissoo, known commonly as North Indian rosewood, is a fast-growing, hardy deciduous rosewood tree9Tectona grandisTeak8It is resistant to termite attacks and damage caused by other insects.10Terminalia arjunaArjun15Arjuna has traditionally been used to treat heart disease for centuries.45.Total quantity of plants on groundC/C DistanceArea m2 | 5 | Ficus r | eligiosa Vat | | tree | ree 13 | | or "naturalised weed" by the | | | |
| 7 Syzygium cumini Jamun 7 various alternative healing systems like Ayurveda, Unani and Chinese medicine. It has a high source in vitamin A and vitamin C 8 Dalbergia sissoo Sheesham 8 Dalbergia sissoo, known commonly as North Indian rosewood, is a fast-growing, hardy deciduous rosewood tree 9 Tectona grandis Teak 8 It is resistant to termite attacks and damage caused by other insects. 10 Terminalia arjuna Arjun 15 Arjuna has traditionally been used to treat heart disease for centuries. 45.Total quantity of plants on ground 46.Number and list of shrubs and bushes species to be planted in the podium RG: | 6 | Cassia | fistula | Ama | altas | 1 | 8 | also used in herbal medicine. The species is native to the Indian subcontinent and adjacent regions | | | |
| 8 Dalbergia sissoo Sheesham 8 as North Indian rosewood, is a fast-growing, hardy deciduous rosewood tree 9 Tectona grandis Teak 8 It is resistant to termite attacks and damage caused by other insects. 10 Terminalia arjuna Arjun 15 Arjuna has traditionally been used to treat heart disease for centuries. 45.Total quantity of plants on ground 46.Number and list of shrubs and bushes species to be planted in the podium RG: Serial Name C/C Distance Area m2 | 7 | Syzygiui | m cumini | Jan | nun | 7 | 7 | various alternative healing systems like Ayurveda,Unani and Chinese medicine. It has a high source in | | | |
| 9 Tectona grandis Teak 8 and damage caused by other insects. 10 Terminalia arjuna Arjun 15 Arjuna has traditionally been used to treat heart disease for centuries. 45.Total quantity of plants on ground 46.Number and list of shrubs and bushes species to be planted in the podium RG: Serial Name C/C Distance Area m2 | 8 | Dalberg | ia sissoo | a sissoo Shee | | ٤ | 3 | as North Indian rosewood, is a fast-growing, hardy deciduous | | | |
| 10 Terminalia arjuna Arjun 15 to treat heart disease for centuries. 45.Total quantity of plants on ground 46.Number and list of shrubs and bushes species to be planted in the podium RG: Serial Name C/C Distance | 9 | Tectona | grandis | Τe | eak | 3 | } | and damage caused by other | | | |
| 46.Number and list of shrubs and bushes species to be planted in the podium RG: Serial Name C/C Distance Area m ² | 10 | Terminal | lia arjuna | Ar | Arjun | | 5 | to treat heart disease for | | | |
| Serial Name C/C Distance Area m2 | | | | - | | | | | | | |
| Name (// Distance Area m/ | 46.Num | ber and | list of sl | nrubs an | d bushes | s species | to be pl | anted in the podium RG: | | | |
| | | | Name | | C/C Dista | nce | | Area m2 | | | |
| 1 NA NA NA | 1 | | NA | | NA | | | NA | | | |

| age of the stor | | | Signature: Name: Dr. Umakant Gangatrao Dangat |
|----------------------------|--|---------|--|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 62 | Dr. Umakant Dangat |
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F

| | | | | 47. Er | ierg | J Y | | |
|--|---|--|--|------------------|---------|--------------------------|--|--|
| | | Source of j supply : | power | MSEDCL | | | | |
| | | During Con Phase: (De Load) | | 950 KVA | | | | |
| | | | Power Iring on phase | NA | | | | |
| Power | | During Op phase (Cor load): | | 1400 KW | 1400 KW | | | |
| require | | During Op phase (Der load): | | 950 KVA | | | 2 | |
| | | Transform | er: | 1200 KVA | | | | |
| | | DG set as l back-up du operation | ıring | 500 KVA * 2 | 2 | | 00 | |
| | | Fuel used: | | Diesel | | | | |
| | | | high e passing e plot if | NA | | | | |
| | | 48.Ene | rgy savi | ng by no | n-co | nventional m | ethod: | |
| | | e effort to use p the internal | | ources availa | ble su | ch as solar light. T | he industry is also using solar | |
| | | 49 | 9.Detail | calculati | ons | & % of saving | g: | |
| Serial Number | E | Energy Cons | ervation M | easures Saving % | | | Saving % | |
| 1 | | Solar | street lights | 2% | | | | |
| | | 50 | .Details | of polluti | ion c | ontrol Syste | ms | |
| Source | Ех | cisting pollu | tion contro | ol system | | Pro | posed to be installed | |
| Process Reactor | | Ammo | nia Scrubbe | r | | | NA | |
| Process Reactor | | Proce | ss Scrubber | | | | NA | |
| Budgetary | | Capital cos | st: | 13.34 Lakh | | | | |
| (Capital O&M | cost and cost): | 0 & M cost | t: | 1.05 Lakh | | | | |
| 51 | 51.Environmental Management plan Budgetary Allocation | | | | | | | |
| a) Construction phase (with Break-up): | | | | | | | | |
| Serial Number | Attri | Para | neter Total Cost per annum (Rs. In Lacs) | | | per annum (Rs. In Lacs) | | |
| 1 | N | JA | N | IA | A NA | | | |
| | | b |) Operat | ion Phas | e (w | ith Break-up |): | |
| Serial Number | Comp | oonent | Descr | iption | Сар | ital cost Rs. In Lacs | Operational and Maintenance cost (Rs. in Lacs/yr) | |

| all and and and | | | Signature: Name: Dr. Umakant Gangatrao Dangat |
|----------------------------|--|---------|--|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 63 | Dr. Umakant Dangat |
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| 1 | | tion Control ystem | Existing + Propos | ed | 13.34 | | 1.05 | |
|--------|-----------------------------|---------------------------|----------------------|------------------------------|---|---------------------------------|---------------------|--------------------------------|
| 2 | | pollution System (ETP) | Existing + Propos | ed | 87.63 | | 8.51 | |
| 3 | | d waste agement | Existing + Propos | ed | 1.07 | | 2.00 | |
| 4 | - | ional Health Safety | Existing + Propos | ed | Nil | | 2.00 | |
| 5 | | onmental nitoring | Existing + Propos | ed | Nil | | 1.39 | |
| 6 | | en Belt elopment | Existing + Propos | ed | 12.00 | | 3.72 | |
| 51.S | torag | e of ch | emicals (infl sub | lamabl stance | - | osive/haz | zardou | s/toxic |
| Descri | Description Status Location | | 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 transportatio n |
| Amino | Acid | Crystalline Solid | Solvent Drum Store | 0.75 | 0.754 | 0.237 | Vendor | Air Cargo |

| Allillo Aciu | Solid | Solvent Di uni | 31016 | 0.75 | 0.754 | 0.237 | Venuor | All Cargo | | | |
|-----------------------|--|--------------------|-------|------|-------|--------|--------|--------------|--|--|--|
| Resin | Solid and highly viscous | Solvent Drum Store | | 0.08 | 0.08 | 0.016 | Vendor | Air Cargo | | | |
| Reagents | Liquid | Solvent Drum Store | | 4.3 | 4.3 | 15.20 | Vendor | By Sea/ Road | | | |
| Solvent | Liquid | Solvent Drum | Store | 5.1 | 5.1 | 73.081 | Vendor | By Sea/ Road | | | |
| | 52.Any Other Information | | | | | | | | | | |
| No Information Availa | No Information Available | | | | | | | | | | |
| | 53.Traffic Management | | | | | | | | | | |
| | Nos. of the junction to the main road & design of confluence: | | | | | | | | | | |
| | | | | | | | | | | | |



| | Number and area of basement: | NA |
|--|--|---|
| | Number and area of podia: | NA |
| | Total Parking area: | 556.0sq.m |
| | Area per car: | 12.5 sq.m |
| | Area per car: | 12.5 sq.m |
| | Number of 2- | A |
| Parking details: | Wheelers as approved by competent authority: | 16 |
| | Number of 4- Wheelers as approved by competent authority: | 6 |
| | Public Transport: | 0 |
| | Width of all Internal roads (m): | 6.0 |
| | 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 | NA |
| | Court cases pending if any | NA |
| | Other Relevant Informations | NA |
| | Have you previously submitted Application online on MOEF Website. | Yes |
| | Date of online submission | 18-08-2017 |
| SEAC | | ON ENVIRONMENTAL ASPECTS |
| Environmental Impacts of the project | the report. PP has condu per EIA Notification, 20 | t to the committee. Various aspects of the Environment are discussed in acted base line data collection for Air, Water, Soil & Noise parameters as 06 amended from time to time.As per data submitted by the PP in the al parameters are found within the prescribed limits on site. |
| Water Budget | PP submitted water bud at Sr. No 33 of the Cons | get calculations in the EIA report and also indicated water requirement olidated Statement. |
| Waste Water Treatment | PP proposes effluent tre | atment plant. The treated effluent will be dispsoed off at CETP. |
| Drainage pattern of the project | PP considered contour l | evels during design of storm water drains. |
| Ground water parameters | As per data submitted b site. | y PP ground water parameters are within the prescribed limits at project |
| | | |

| a geo grassi | | | Signature: |
|----------------------------|--|---------|------------------------------------|
| Clope - | | | Name: Dr. Umakant Gangetreo Dangat |
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 65 | Dr. Umakant Dangat |
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| Solid Waste Management | PP committed to dispose the hazardous waste at Common Hazardous Waste Treatment, Storage, and Disposal Facility and sale to Authorized vendors. Details are given at Sr. No. 38 of the Consolidated Statement. |
|---|--|
| Air Quality & Noise Level issues | As per data submitted by PP Air Quality and Noise parameters are within the prescribed limits at project site. |
| Energy Management | The electrical demand for proposed project is 950 KVA which will be supplied by MSEDCL. PP proposes two numbers of 500 KVA DG Sets. |
| Traffic circulation system and risk assessment | PP proposes internal roads with minimum six meter width and nine meters of turning radius for smooth circulation of traffic. |
| Landscape Plan | PP provided 33% green belt within the premises. |
| Disaster management system and risk assessment | PP carried out HAZOP and Risk Assessment and submitted DMP. |
| Socioeconomic impact assessment | PP has carried out socio economic impact study and included in the EIA report. |
| Environmental Management Plan | PP proposed EMP cost of Rs. 113.97 Lakhs as capital cost and Rs. 16.67 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 |

Brief information of the project by SEAC



PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF& CC published in April, 2015 in 148th meeting of SEAC-1 held on 26.02.2018 where in ToR was granted.

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

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

1. PP to submit history about transfer of the proposed plot from time to time till date. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.

2. PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas,33% green belt, rain water harvesting etc. PP to ensure all construction on site are as per National Building Code.

3. PP to provide revised product list in the consolidated statement with maximum capping quantity for each product.

4. PP to submit copies of all the consents along with their manufacturing quantities.PP to submit details in the tabular format.

5. PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.

6. PP to submit product wise water balance along with quantities of effluent generation, design of effluent treatment plant and disposal of treated effluent.

7. PP to provide packaged STP for the treatment of domestic sewage.

8. PP to carry out additional surface water sampling of the three lakes in the study area and include in the EIA report.

- 9. PP to carry out HAZOP and QRA and submit report
- 10. PP to submit hazardous chemical handling protocol
- 11. PP to provide lightening arrestor.

12. PP to submit CETP NOC for additional effluent load to be discharged to the CETP.

13. PP to ensure 2.5 % funds for CSR and submit detailed CSR plan to be prepared in consultation with the District Collector along with implementation schedule.

PP submitted EIA/EMP report for appraisal in 158th meeting wherein the proposal was deferred.

DECISION OF SEAC

| CEGP | |
|--------------------------|----|
| Abhay Pimparkar (Secreta | ry |
| SEAC-I) | |

Aress.

R) <u>\$</u>____ After detailed deliberations with the PP and their accredited consultant SEAC decided to defer the proposal till submission of compliance of following points.

Specific Conditions by SEAC:

1) PP to upload revised Form-II and EIA/EMP report.

2) PP to submit storm water draina and rain water harvesting calculations.

3) PP to prepare and submit CER plan prepared in consultation with the District Collector as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

stiller of the second s

age on the set Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 163 Meeting Date: March 15, 2019

Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat **Page 68** (Chairman SEAC-I) of 90

Signature:

ê. (Alla)

| Agenda of 163rd Meeting | of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 4) |
|---|--|
| SEAC Me | eting number: 163 Meeting Date March 15, 2019 |
| Subject: Environment Clearance for | r Industrial Project- Mettalurgical Unit |
| Is a Violation Case: No | |
| 1.Name of Project | M/s Kalika Steel and Alloys Pvt Ltd |
| 2.Type of institution | Private |
| 3.Name of Project Proponent | Mr. Ghansyam C Goyal |
| 4.Name of Consultant | Enviro Resources |
| 5.Type of project | Industrial Estate- Metallurgical Unit |
| 6.New project/expansion in existing project/modernization/diversification in existing project | Expansion |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | Earlier EC obtained from SEAC, vide letter No. SEAC-2014/CR-32/TC-2 dated 30.09.2014 |
| 8.Location of the project | C-7,8,9,10/2,10/3 & 11, Phase I, Additional MIDC, Jalna |
| 9.Taluka | Jalna |
| 10.Village | |
| Correspondence Name: | C-7,8,9,10/2,10/3 & 11, Phase I, Additional MIDC, Jalna |
| Room Number: | |
| Floor: | |
| Building Name: | - |
| Road/Street Name: | |
| Locality: | Jalna |
| City: | Jalna |
| 11.Area of the project | MIDC, Jalna |
| 12.IOD/IOA/Concession/Plan | INA IOD/IOA/Concession/Plan Approval Number: NA |
| Approval Number | Approved Built-up Area: 28905 |
| 13.Note on the initiated work (If applicable) | for proposed expansion work is not initiated. |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | NA |
| 15.Total Plot Area (sq. m.) | 65055 |
| 16.Deductions | NA |
| 17.Net Plot area | 65055 |
| 18 (a).Proposed Built-up Area (FSI & | a) FSI area (sq. m.): NA |
| Non-FSI) | b) Non FSI area (sq. m.): NA |
| | c) Total BUA area (sq. m.): 28905 |
| 18 (b).Approved Built up area as per | Approved FSI area (sq. m.): |
| DCR | Approved Non FSI area (sq. m.): |
| | Date of Approval: 01-01-1900 |
| 19.Total ground coverage (m2) | 28905 |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | ~45 % |
| 21.Estimated cost of the project | 150000000 |
| 22.Num | ber of buildings & its configuration |

22.Number of buildings & its configuration

| ager of the st | | Signature: |
|----------------------------|--|--------------------|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Dr. Umakant Dangat |
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| Serial number | Buildin | ig Name & i | number | Nu | umber of floors | Height of the building (Mtrs) | | | | | |
|---|--------------------------------|-------------------------------------|---------------|-----------------------|---------------------------|-------------------------------|--|--|--|--|--|
| 1 | | NA | | | NA | NA | | | | | |
| 23.Number tenants an | | NA | | | | | | | | | |
| 24.Number expected re users | | ~900 Nos. | | | | | | | | | |
| 25.Tenant per hectar | | NA | | | | | | | | | |
| 26.Height building(s) | | | | | | | | | | | |
| 27.Right of (Width of t from the n station to t proposed b | the road earest fire the | road est fire 9 m | | | | | | | | | |
| 28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation | | | | | | | | | | | |
| 29.Existing structure (| | yes, we hav | e received ea | arlier EC, so | existing structure is the | pre | | | | | |
| 30.Details demolition disposal (I applicable) | with f | NA | | | × | | | | | | |
| | | | 31.P | roduct | tion Details | | | | | | |
| Serial Number | Pro | duct | Existing | (MT/M) | Proposed (MT/M) | Total (MT/M) | | | | | |
| 1 | Structural | s and/or MS Bar, Angle annels | 800 N | MTD 1000 MTD 1800 MTD | | | | | | | |
| 32.Total Water Requirement | | | | | | | | | | | |
| S2.10tal water Kequirement | | | | | | | | | | | |



| | | Source of wa | ter | MIDC and a | rtificial lake | | | | | |
|---|----------|--|---------|--------------|----------------|-------|----------|----------------|-------|--|
| | | Fresh water (| | 249.4 | | | | | | |
| | | Recycled wat Flushing (CM | er - | 0 | | | | | | |
| | | Recycled wat Gardening (C | | 29.2 recycle | + 15.8 fresh | | | | | |
| | | Swimming po make up (Cu | | 0 | | | | | | |
| Dry season: Total Water Requirement : | | | (CMD) | 326.1 | | | | | | |
| | | Fire fighting Underground tank(CMD): | | 50 | | | | <u>_</u> | | |
| Fire fighting Overhead wa tank(CMD): | | | | 50 | | | 0 | 3 | | |
| | | Excess treate | d water | 0 | | | | | | |
| | | Source of wa | | MIDC and a | rtificial lake | | | | | |
| | | Fresh water | | 204.5 | | | | | | |
| Recycled water - Flushing (CMD): Recycled water - Gardening (CMD): | | | 0 | 6 | \bigcirc | | | | | |
| | | | 0 | | | | | | | |
| Swimming pool make up (Cum): | | | | 0 | | | | | | |
| Wet seaso | n: | Total Water Requirement | (CMD) | 281.2 | | | | | | |
| | | Fire fighting Underground tank(CMD): | | 50 | | | | | | |
| | | Fire fighting Overhead wa tank(CMD): | ter | 50 | | | | | | |
| | | Excess treate | d water | 0 | | | | | | |
| Details of pool (If an | | Not applicable | • | | | | | | | |
| | | 33. | Detail | s of Total | l water co | nsume | d | | | |
| Particula rs | Cons | umption (CM | D) | I | Loss (CMD) | | | Effluent (CMD) | | |
| Water Require ment | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | |
| Domestic | 13.5 | 27 | 40.5 | 2.7 | 5.4 | 8.1 | 10.8 | 21.6 | 32.4 | |
| Cooling tower & thermopa ck | 80 | 119 | | | 109.6 | 183.3 | 6.3 | 9.4 | 15.7 | |
| Industrial Process | 18 | 23 | 41 | 3.6 | 5.6 | 9.2 | 14.4 | 17.4 | 31.8 | |
| Gardening | 20 | 25 | 45 | 20 | 25 | 45 | 0 | 0 | 0 | |
| | | | | | | | | | | |

| aggent many | | | Signature: |
|----------------------------|--|----------|--------------------|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | <u> </u> | Dr. Umakant Dangat |
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| 34.Rain Water Harvesting (RWH) | Level of the Ground water table: | 6 m | | | |
|--|--|------------------------------------|--|--|--|
| | Size and no of RWH tank(s) and Quantity: | 5X4X2m Tanks 3 Nos. | | | |
| | Location of the RWH tank(s): | Near Shed and office building | | | |
| | Quantity of recharge pits: | NA | | | |
| | Size of recharge pits : | NA | | | |
| | Budgetary allocation (Capital cost) : | Rs.10,00,000/ | | | |
| | Budgetary allocation (O & M cost) : | Rs.1,50,000/ | | | |
| | Details of UGT tanks if any : | 3 Nos. 40 m3 each | | | |
| | | | | | |
| 35.Storm water drainage | Natural water drainage pattern: | as per contour | | | |
| | Quantity of storm water: | ~18.3 m3/hr | | | |
| | Size of SWD: | 0.6x1.2 m | | | |
| | | | | | |
| Sewage and Waste water | Sewage generation in KLD: | 32.4 | | | |
| | STP technology: | MBBR Technology | | | |
| | Capacity of STP (CMD): | 40 | | | |
| | Location & area of the STP: | near plot C-8, area - 55 m2 | | | |
| | Budgetary allocation (Capital cost): | Rs. 35,00,000/- | | | |
| | Budgetary allocation (0 & M cost): | Rs. 7,20,000/- | | | |
| | 36.Solie | d waste Management | | | |
| Waste generation in | Waste generation: | Only foundation & fabrication work | | | |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | Reused at site | | | |
| | Dry waste: | 284 kg/d | | | |
| Waste generation in the operation Phase: | Wet waste: | 121 kg/d | | | |
| | Hazardous waste: | 0 | | | |
| | Biomedical waste (If applicable): | 0 | | | |
| | STP Sludge (Dry sludge): | approx. 3 kg/d | | | |
| | Others if any: | Slag 90 TPD | | | |
| | | | | | |

| age of the set | | | Signature: |
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| Dry waste: | | | | Handed over to Authorized vendor | | | | | | | | |
|---|---------------|---|--------|----------------------------------|--|------------------|---------|-------------|---------------------------------------|------------------|--------|-------------------------------------|
| | | Wet waste | | | Will be treated off-site by authorized vendors | | | | | | | |
| Mode of Disposal Bion | | Hazardous waste: | | 0 | | | | | | | | |
| | | Biomedical waste (If applicable): | | | 0 | | | | | | | |
| | | STP Sludg sludge): | e (Dry | • | used as ma | nure | | | | | | |
| | | Others if a | ny: | | After crush | ing, sla | ag will | be use | ed for | buildi | ng and | road construction. |
| | | Location(s |): | near STP | | | | | | | | |
| of w | | Area for the storage of waste & other material: | | | 100 m2 | | | | | | | |
| | | Area for m | achin | ery: | | | | | | | | |
| Budgetary | | Capital cos | st: | | Rs. 60,00,0 | 00/- | | | | | | |
| (Capital co O&M cost) | | O & M cos | t: | | Rs. 1,75,00 | 0 /- pe | r mont | h | | | | |
| | | 1 | 3 | 7.Ef | fluent C | hare | cter | estic | S | | | |
| Serial Number | Paran | neters | Un | nit | Inlet E Charect | | | | | Efflue eresti | | Effluent discharge standards (MPCB) |
| 1 | N | ſΑ | N | A | N | IA | | | Ν | A | | NA |
| Amount of e (CMD): | effluent gene | eration | 27 | | | | | | | | | |
| Capacity of | the ETP: | | 30 | 0 | | | | | | | | |
| Amount of trecycled : | reated efflue | ent | 27 | | | | | | | | | |
| Amount of v | vater send to | o the CETP: | NA | | | | | | | | | |
| Membership | | - · | NA | | | | | | | | | |
| Note on ETH | | | | | y Settling and pH correction as required | | | | | | | |
| Disposal of | the ETP sluc | lge | Shall | be mi | nixed with Slag | | | | | | | |
| | | | 38 | B.Ha | zardous | Was | ste D | etail | S | | | |
| Serial Number | Descr | iption | Ca | at | UOM | Existing | | Prop | osed | То | tal | Method of Disposal |
| 1 | Sper | nt Oil | Sch I | - 5.1 | L/Annum | ım 5 | | 10 |) | 1 | 5 | Sell to authorized recycler |
| | | | 3 | 9.St | t <mark>acks em</mark> | issio | n De | etails | 6 | | | |
| Serial Number | Section | & units | Fu | | ed with ntity | Stacl | k No. | fro grou | Height from ground level (m) | | eter | Temp. of Exhaust Gases |
| 1 | Furi | nace | | Elect | ricity | 1 | L | 35 | 5 | 1. | 5 | 150 |
| 2 | Furnace (| Proposed) | | Elect | ricity | ĺ | L | 45 | 5 | 1. | 5 | 150 |
| | | | 40 |).De | tails of F | ^r uel | to be | e use | d | | | |
| Serial Number | Тур | e of Fuel | | | Existing | | | Prop | osed | | | Total |
| | | | | 26,600 KVA 33,250 KVA 59,850 KVA | | | | | | | | |
| 41.Source of Fuel MSEI | | | | EDCL | | | | | | | | |
| 42.Mode of Transportation of fuel to site NA | | | | | | | | | | | | |
| Abhay Pimparkar (Secretary SEAC Meeting No: 163 Meeting Date: March SEAC-I) Page 73 Signature: In: Umakant Gaugetree Dangat | | | | | | | | | | | | |

| | | Total RG a | rea : | 21,468 m2 | | | | | | | |
|-----------------------|-----------|---|-------------|-------------|-----------------|-------------|--|--|--|--|--|
| | | No of trees | to be cut | 0 | 0 | | | | | | |
| 43.Green Belt | | Number of trees to be planted : | | 650 | | | | | | | |
| Develop | ment | List of prop native tree | | Neem, Peep | pel, Audumbe | er, Mango a | and other native trees | | | | |
| | | Timeline for completion of plantation : | | Around 6 m | Around 6 months | | | | | | |
| | 44.Nu | mber and | l list of t | rees spe | cies to b | e plante | ed in the ground | | | | |
| Serial Number | Name of | the plant | Commo | n Name | Quai | ntity | Characteristics & ecological importance | | | | |
| 1 | Azadirct | ca indica | Ne | em | 10 | 00 | medicinal plant | | | | |
| 2 | Neolamark | ia cadamba | Kad | amb | 10 | 00 | Tropical fruit tree & bird attracting tree | | | | |
| 3 | Vitex n | egundo | Nir | gudi | 10 | 00 | medicinal plant | | | | |
| 4 | | n cumini | 0 | bhul | 10 | | fruit tree & bird attracting | | | | |
| 5 | Saraca | aindica | Sitaa | ishok | 10 | 00 | Evergreen medicinal plant | | | | |
| 6 | | peselengi | | kul | 150 | | Evergreen tree, timber yielding and medicinal plant | | | | |
| | | ntity of plan | - | | | | | | | | |
| 46.Num | ber and | list of sh | rubs an | d bushes | s species | to be p | lanted in the podium RG: | | | | |
| Serial Number | | Name | | C/C Dista | Area m2 | | | | | | |
| 1 | | NA | | NA NA | | | | | | | |
| | | | | 47.E | nergy | | | | | | |
| | | Source of p supply : | oower | MSEDCL | | | | | | | |
| | | During Con Phase: (De Load) | | 100 KVA | | | | | | | |
| | | DG set as Power back-up during construction phase During Operation phase (Connected load): | | 60 KVA | | | | | | | |
| Dos | | | | 26600 KVA | | | | | | | |
| Power requirement: | | During Ope phase (Der load): | | 59850 kVA | | | | | | | |
| | | Transform | er: | | | | | | | | |
| | | DG set as I back-up du operation j | ıring | Total 3 Nos | . 1500, 500 8 | & 200 kVA | | | | | |
| | | Fuel used: | | Diesel | | | | | | | |
| | | Details of high | | NA | | | | | | | |

| appropriess? | | | Signature: |
|----------------------------|--|----------|--------------------|
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| 48.Energy saving by non-conventional method: | | | | | | | | | |
|--|---|--|-----------------------------|--|--|--|--|--|--|
| NA | | | | | | | | | |
| | | 49.Detail calculat | ions & % of savin | g: | | | | | |
| Serial Number | Energy Co | nservation Measures | | Saving % | | | | | |
| 1 | | NA | | NA | | | | | |
| 50.Details of pollution control Systems | | | | | | | | | |
| Source | Existing po | llution control system | Pro | posed to be installed | | | | | |
| Furnace | | per with Cyclone Separator | Ventury Sci | rubber with Cyclone Separator | | | | | |
| Budgetary (Capital O&M | cost and | | | 2 | | | | | |
| | | ntal Manageme | ent plan Budg | etary Allocation | | | | | |
| | | a) Construction pha | - 0 | 5 | | | | | |
| Serial Number | Attributes | Parameter | | per annum (Rs. In Lacs) | | | | | |
| 1 | Air Environment | TPM, SO2, NOx | | 5 | | | | | |
| 2 | Water Environmen | On-site Sanitation Facilities, Water Sprinkling | | 2 | | | | | |
| 3 | Noise Environmen | PPE & Maintenance of Equipment | | 1 | | | | | |
| b) Operation Phase (with Break-up): | | | | | | | | | |
| Serial Number | Component | Description | Capital cost Rs. In Lacs | Operational and Maintenance cost (Rs. in Lacs/yr) | | | | | |
| 1 | Air Environment | Construction of stack for Furnace, Installation of new scrubber, cyclone separator, fume collection hood and required equipment' | 280.0 | 12.0 | | | | | |
| 2 | Water Environmen | Up gradation of Existing STP | 35.0 | 7.2 | | | | | |
| 3 | Green Belt | Green belt development activity | 20.0 | 4.8 | | | | | |
| 4 | Noise Environmen | PPEs for workers, enclosures to all noise generating equipment's | 4.0 | 1.0 | | | | | |
| 5 | Environment Monitoring & Management | Quarterly Environment Monitoring (Per year) | | 2.64 | | | | | |
| 6 | Occupational Health Safety | Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health- medical checkup of workers, Occupational Health (training, OHC center) | 10.0 | 3.0 | | | | | |

| agentiques? | | Signature: |
|----------------------------|--|------------------------|
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| 7 | | l Waste agement | Installation with highe and its Ma | er capac | ity | | 60.0 | | | 1.75 | |
|--|---------------------------------------|--|---|---|----------------------|---------------|---|--------------------------------|---------|--|----------------------------|
| 8 | Rain Wate T | er Harvest 'ank | ing tank for gr recharge Cleaning maintenan | on of RWH ound water e. Annual g up and ce of RWH nk | | | 1.5 | | | | |
| 9 | | iental Cell PR | & Forma Environm | tion of ental Ce | ell | | - | | | 12.0 | I |
| 10 | Cont | ingency | Resour contingend their mai | | | | 30.0 | | | 3.0 | |
| 51.S | storage | e of cl | hemicals | (infl sub | | | _ | osiv | /e/haz | zardou | s/toxic |
| Description S | | Status | Locatio | | Stor Capa in I | rage acity | Maximum Quantity of Storage at any point of time in MT | Consumptio / Month in MT | | Source of Supply | Means of transportation |
| NA | A | NA | NA | | N | A | NA | | NA | NA | NA |
| | | | 52.A | ny Ot | her | Info | rmation | 1 | | | |
| No Informa | ition Availa | ble | E 2 1 | T ££ | | | yement | | | | |
| | | to the design conflue | ence: | 2 Gates | s IN-O | UT Ad | ljusent/adjo | oining 1 | Roads | | |
| | | basem | | NA | | | | | | | |
| | | podia: | - | | NA TOTE OF | | | | | | |
| | | Area p | Parking area: | 7855.00 12.5 | | | | | | | |
| | | | Area per car: | | | | | | | | |
| Parking | details: | Numbe Wheele approv compe author | ers as red by tent | | | | | | | | |
| | | Wheele approv | Number of 4- Wheelers as approved by competent | | | | | | | | |
| | | | Transport: | NA | | | | | | | |
| Width of all Interna roads (m): | | | | 6-9m | | | | | | | |
| | CRZ/ RRZ clearance obtain, if any: | | | NA | | | | | | | |
| obtain, if any: Obtain, if any: Abhay Pimparkar (Secretary SEAC-I) | | | | No: 163 I 15, 20 | | ıg Dat | e: March | | ge 76 D | Signature: Name: Dr. Umaka r. Umakant Chairman SH | |

| | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | NA | | | | | | |
|---|--|-------------------------------------|---|--|--|--|--|--|
| | Category as per schedule of EIA Notification sheet | Schedule 3(a), Cat. B | | | | | | |
| | Court cases pending if any | No | | | | | | |
| | Other Relevant Informations | NA | | | | | | |
| | Have you previously submitted Application online on MOEF Website. | No | | | | | | |
| | Date of online submission | - | a'l' | | | | | |
| | TOR S | Suggested Ch | anges | | | | | |
| Consolidated Statement Point Number | Original | Remarks | Submitted Changes | | | | | |
| 4 | Ultra | -Tech | M/s Enviro Resources | | | | | |
| 21 | 219.89 | Crores | 150 Crores | | | | | |
| 32 | Dry Season: Fresh | Water CMD - 257 | Dry Season: Fresh Water CMD - 249.4 | | | | | |
| 32 | 5 | Vater Flushing CMD - 23 | · · · · | | | | | |
| 32 | Dry Season: Recycled V 10 recycle | Vater Gardening CMD - + 35 fresh | ing CMD - Dry Season: Recycled Water Gardening CMD - 29.2 recycle + 15.8 fresh | | | | | |
| 32 | Wet Season: Fresh | Water CMD - 257 | Wet Season: Fresh Water CMD - 204.5 | | | | | |
| 33 | Domestic: Loss: (Ex | , Pro, Total) - 3, 3, 8 | Domestic: Loss: (Ex, Pro, Total) - 2.7, 5.4, 8.1 | | | | | |
| 33 | Domestic: Effluent: (Ex | , Pro, Total) - 11, 22, 33 | Domestic: Effluent: (Ex, Pro, Total) - 10.8, 21.6, 32.4 | | | | | |
| 33 | Cooling Tower: Consum 110, 9 | | Cooling Tower: Consumption: (Ex, Pro, Total) - 80, 119, 199 | | | | | |
| 33 | Cooling Tower: Loss: (E | | Cooling Tower: Loss: (Ex, Pro, Total) - 73.3, 109.6, 183.3 | | | | | |
| 33 | Cooling Tower: Effluen | t: (Ex, Pro, Total) - 0, 0,) | Cooling Tower: Effluent: (Ex, Pro, Total) - 6.3, 9.4, 15.7 | | | | | |
| 33 | Industrial Process: Co Total) - 2 | | Industrial Process: Consumption: (Ex, Pro, Total) - 18, 23, 41 | | | | | |
| 33 | Industrial Process: Loss | s: (Ex, Pro, Total) - 2, 2, 1 | Industrial Process: Loss: (Ex, Pro, Total) - 3.6, 5.6, 9.2 | | | | | |
| 33 | Industrial Process: Eff 18, 1 | luent: (Ex, Pro, Total) - 8, 36 | Industrial Process: Effluent: (Ex, Pro, Total) - 14.4, 17.4, 31.8 | | | | | |
| 34 | Size and no of RWH tan 2 N | ık(s) - 10x10x5m, Tanks los. | Size and no of RWH tank(s) - 5x4x2m, Tanks 3 Nos. | | | | | |
| 35 | Sewage and Waste wat KLD | | Sewage and Waste water: Sewage Generation KLD - 32,4 | | | | | |
| 37 | Capacity of | the ETP: NA | Capacity of the ETP: 30 m3/day | | | | | |
| 37 | Amount of treated e | ffluent recycled: NA | Amount of treated effluent recycled: 27 m3/day | | | | | |

| Abhay Pimparkar (Secretary SEAC-I) | SEAC Meeting No: 163 Meeting Date: March 15, 2019 | - | Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I) |
|---------------------------------------|--|----------|---|
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| 37 | Note on ETP Technology to be used: NA | Note on ETP Technology to be used: Primary Settling and pH correction as required |
|---|--|---|
| 38 | Description: NA, Cat: NA, UOM: NA, Ex: NA, Pro: NA, Total: NA, Method of Disposal: NA | Description: Spent Oil, Cat: Sch I - 5.1, UOM: litres/annum, Ex: 5, Pro: 10, Total: 15, Method of Disposal: Sell to Authorized Recycler |
| 43 | Total RG Area: 15,500 m2 | Total RG Area: 21,468 m2 |
| 43 | Number of trees to be planted: 250 | Number of trees to be planted: 650 |
| 50 | Capital Cost: NA, O&M Cost: NA | Capital Cost: 280 lacs, O&M Cost: 12 lacs |
| 51 | Operation Phase: 8 - NA | Operation Phase: 8 - Solid Waste Management - Cap Cost 60 lacs, Rec Cost 1.75 lacs |
| 51 | Operation Phase: 9 - NA | Operation Phase: 9 - Occupational Health & Safety - Cap Cost 10 lacs, Rec Cost 3.0 lacs |
| 51 | Operation Phase: 10 - NA | Operation Phase: 10 - Noise Environment - Cap Cost 4.0 lacs, Rec Cost 1.0 lacs |
| SEAC | DISCUSSION ON ENVIRON | NMENTAL ASPECTS |
| Environmental Impacts of the project | Not Applicable | 00 |
| 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 pr | oject by SEAC |
| | | |



PP submitted their application for the grant of TOR under category 3(a)B1 as per EIA Notification, 2006 for expansion of existing unit. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 143rd meeting held on 12.10.2017.

Public hearing was conducted on

Now PP submitted EIA/EMP report for appraisal.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant SEAC decided to defer the porposal till the submission of compliance of following points.

Specific Conditions by SEAC:

1) PP to submit point wise compliance of the consitions stipulated in the earlier Environmental Clearance and the consent letter issued by MPCB.

2) PP to submit revised layout plan of the amalgamated (composite) plot as per point No. 2 of additional ToR point.

3) PP to submit copy of amalhamation letter /plan for all proposed plots.

4) PP to submit details of proposed mitigation measures to reduce Global Warming Potential.

5) PP to submit action plan for the compliance of the observations made during Heat Recovery Study.

6) PP to submit propsoed mitigation measures for the identified risk on site.

7) PP to submit details of Environment Management Cell.

SI.A.

8) PP to submit details on the storage and disposal of waste slag.

FINAL RECOMMENDATION

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



| Agenda of 163rd Meeting | of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 4) | | | | | |
|---|---|--|--|--|--|--|
| SEAC Me | eting number: 163 Meeting Date March 15, 2019 | | | | | |
| Subject: Environment Clearance for | r Expansion of MS Billet/TMT Bars manufacturing facilities. | | | | | |
| Is a Violation Case: No | | | | | | |
| | Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. athrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020. | | | | | |
| 1.Name of Project | M/s Geetai Steels Pvt. Ltd., Jalna. | | | | | |
| 2.Type of institution | Private | | | | | |
| 3.Name of Project Proponent | Mr. Ashish Agrawal | | | | | |
| 4.Name of Consultant | M/s. Mantras Green Resources Limited,Nashik | | | | | |
| 5.Type of project | Not applicable | | | | | |
| 6.New project/expansion in existing project/modernization/diversification in existing project | Expansion and modernization Project. | | | | | |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | YES, REFERENCE NO: SEAC: 2010/CR-836/TC-2 | | | | | |
| 8.Location of the project | Plot no: F-21, F-22,F-22 Part I, F-22 part: II, Addl. MIDC area Phase II, Jalna, Dist: Jalna | | | | | |
| 9.Taluka | Jalna | | | | | |
| 10.Village | Jalna | | | | | |
| Correspondence Name: | Plot no: F-21, F-22,F-22 Part I, F-22 part: II, Addl. MIDC area Phase II, Jalna, Dist: Jalna | | | | | |
| Room Number: | 00 | | | | | |
| Floor: | 00 | | | | | |
| Building Name: | NA | | | | | |
| Road/Street Name: | MIDC AREA JALNA | | | | | |
| Locality: | MIDC JALNA | | | | | |
| City: | JALNA | | | | | |
| 11.Area of the project | Industrial Area | | | | | |
| | 00 | | | | | |
| 12.IOD/IOA/Concession/Plan Approval Number | IOD/IOA/Concession/Plan Approval Number: No | | | | | |
| | Approved Built-up Area: 15950.77 | | | | | |
| 13.Note on the initiated work (If applicable) | No | | | | | |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | No | | | | | |
| 15.Total Plot Area (sq. m.) | 39021.0sq.m | | | | | |
| 16.Deductions | 00 | | | | | |
| 17.Net Plot area | 00 | | | | | |
| 18 (a).Proposed Built-up Area (FSI & | a) FSI area (sq. m.): 00 | | | | | |
| Non-FSI) | b) Non FSI area (sq. m.): 00 | | | | | |
| | c) Total BUA area (sq. m.): 00 | | | | | |
| 18 (b).Approved Built up area as per | Approved FSI area (sq. m.): 00 | | | | | |
| DCR | Approved Non FSI area (sq. m.): 00 | | | | | |
| Date of Approval: 09-02-2016 | | | | | | |
| 19.Total ground coverage (m2) | 00 | | | | | |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | Not applicable | | | | | |
| 21.Estimated cost of the project | 45000000 | | | | | |

| Abhay Pimparkar (Secretary SEAC-I) | SEAC Meeting No: 163 Meeting Date: March 15, 2019 | | Signature: Name: Dr. Umakant Gangeteco Dangat Dr. Umakant Dangat (Chairman SEAC-I) |
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| 22.Number of buildings & its configuration | | | | | | | | | | | |
|--|--|---|----------|--------|----------------|-----|-------------------------------|--|--|--|--|
| Serial number | Buildin | ig Name & i | umber | Nu | mber of floors | | Height of the building (Mtrs) | | | | |
| 1 | IND | USTRIAL SH | EDS | N | lot applicable | | Not applicable | | | | |
| 23.Number tenants an | | 00 | | | | | | | | | |
| 24.Number expected r users | | 00 | | | | | | | | | |
| 25.Tenant per hectar | | 00 | | | | | | | | | |
| 26.Height building(s | | | | | | | | | | | |
| 27.Right o (Width of t from the n station to proposed l | the road earest fire | JALNA 05 KMS FROM THE FACTORY, 06 METERS WIDE AND 09 METERS TURNING RADIUS IS PROVIDED. | | | | | | | | | |
| 28.Turning for easy ac fire tender movement around the excluding for the pla | cess of from all building the width | 09 METERS TURNING RADIUS IS PROVIDED | | | | | | | | | |
| 29.Existing | | EXISTING MS BILLET PLANT SHED, ROLLING MILL SHED, SCRAP STORAGE SHED, FINISHED GOOD STORAGE YARD AND OTHER UTILITIES. | | | | | | | | | |
| 30.Details of the demolition with disposal (If applicable) | | Not applicable | | | | | | | | | |
| | | | 31.P | roduct | ion Details | S | | | | | |
| Serial Number | Pro | duct | Existing | (MT/M) | Proposed (MT/ | /M) | Total (MT/M) | | | | |
| 1 | | s and TMT ars | 60 | 00 | 30,000 | | 36,000 | | | | |
| | 32.Total Water Requirement | | | | | | | | | | |



SU

| | | Source o | of wate | r N | ot applicable |) | | | | | | |
|------------------------------|----------|-------------------------------------|---|------------------|----------------|---|--------------------------------|--------------------------------|--------------------------------|--|--|--|
| | | Fresh wa | Fresh water (CMD): | | | 133 | | | | | | |
| | | | l water (CMD | | Not applicable | | | | | | | |
| | | Recycled Gardenii | | |)(Treated wa | iter fror | n STP will be used | d for gardening) | | | | |
| | | Swimmin make up | | | ot applicable |) | | | | | | |
| Dry season | : | Total Wa Requirer : | | C MD) 13 | 33 | | | | | | | |
| | | Fire figh Undergr tank(CM | ound w | v ater 40 | 00 | | | | | | | |
| | | Fire figh Overhea tank(CM | d wate | r 40 | 00 | | | 23 | | | | |
| | | Excess t | reated | water N | ot applicable | <i>,</i> | | | | | | |
| | | Source o | | | ot applicable |) | | | | | | |
| | | Fresh wa | | | 33 | | | | | | | |
| | | Recycled water - Flushing (CMD): | | | Not applicable | | | | | | | |
| | | | Recycled water - Gardening (CMD): | | | 20(Treated water from STP will be used for gardening) | | | | | | |
| | | | Swimming pool make up (Cum): | | | Not applicable | | | | | | |
| Wet seasor | 1: | | Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD): | | 133 | | | | | | | |
| | | Undergr | | | 400 | | | | | | | |
| | | Fire figh Overhea tank(CM | d wate | r 40 | 400 | | | | | | | |
| | | Excess t | reated | water N | Not applicable | | | | | | | |
| Details of S pool (If any | | Not appli | cable | | | | | | | | | |
| | | | 33.D | etails o | of Total v | water | consumed | | | | | |
| Particula rs | Consur | nption (CN | 4D) | L | oss (CMD) | | | Effluent (CMD) | | | | |
| Water Require ment | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | | | |
| Domestic | 13 | 10 | 23 | 02 | 01 | 03 | 11 | 09 | 20 | | | |
| Industrial Process | 20 | 70 | 90 | 10 | 35 | 45 | 10(REUSE AFTER COOLING) | 35(REUSE AFTER COOLING) | 45(REUSE AFTER COOLING) | | | |
| Gardening | 10 | 10 | 20 | 10 | 10 | 20 | 00 | 00 | 00 | | | |

| age others | | | Signature: Name: Dr. Umakant Gangetreo Dangat |
|----------------------------|--|---------|--|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | Page 82 | Dr. Umakant Dangat |
| SEAC-I) | 15, 2019 | of 90 | (Chairman SEAC-I) |

| Fresh water requireme nt 43 | 90 | 133 | 00 | 00 | 00 | 00 | 00 | 00 | | | |
|--|---------------------------------|--|---------|--|-----------------|--|------------|---------------|--|--|--|
| | Level of t water tal | | ound | BELOW 15 METERS | | | | | | | |
| | | Size and no of RWH tank(s) and Quantity: | | about 500 cm | ld storag | e capacity. | | | | | |
| | Location tank(s): | of the | RWH | in premises a | nd adjac | ent land. | | | | | |
| 34.Rain Water Harvesting | Quantity pits: | of rec | harge | 1 | | | C | | | | |
| (RWH) | Size of re: | echarg | e pits | details is encl | losed fin | al EIA | 3 | | | | |
| | Budgetar (Capital | | cation | 10.00 Lacs | | | 0V | | | | |
| | Budgetar (O & M c | | cation | 0.5 lacs | | | | | | | |
| | Details o if any : | f UGT | tanks | 400 CMD UG | T is prov | rided for fire fight | ing. | | | | |
| | | | | | | | | | | | |
| | Natural v drainage | | m: | details incorp | orated in | n EIA | | | | | |
| 35.Storm water drainage | Quantity water: | of sto | rm | details incorporated in EIA | | | | | | | |
| | Size of S | WD: | | details incorporated in EIA | | | | | | | |
| | | | | | | | | | | | |
| | Sewage g in KLD: | jenera | tion | 20 KLD | | | | | | | |
| | STP tech | STP technology: | | | MBBR technology | | | | | | |
| Sewage and | Capacity (CMD): | of STI | | 01 nos 25 CMD capacity. | | | | | | | |
| Waste water | Location the STP: | | a of | in own premises | | | | | | | |
| | Budgetar (Capital | | ation | 10.00 LACS | | | | | | | |
| | Budgetar (O & M c | | ation | 1.2 LACS | | | | | | | |
| S | | 36.9 | Solic | l waste | Man | agement | | | | | |
| Waste generation in | Waste ge | enerati | on: | | | n plan barren lan e will be generat | | lemolition so | | | |
| the Pre Construction and Construction phase: | Disposal construc debris: | | aste | land filling ar | ıd levelli | ng | | | | | |
| | Dry wast | e: | | burnt slag 03 % | | | | | | | |
| | Wet wast | te: | | STP sludge will be used for gardening as manure. | | | | | | | |
| Waste generation | Hazardo | us was | te: | NA | | | | | | | |
| in the operation Phase: | Biomedic applicab | | ste (If | Not Applicab | le | | | | | | |
| | STP Slud sludge): | lge (Dr | у | STP sludge w | ill be use | ed for gardening | as manure. | | | | |
| | Others if | | | Not Applicable | | | | | | | |
| Abnay Fimparkar (Sect SEAC-I) | | LAC M | eting N | 0: 105 меент 15, 2019 | y Dute: N | of | | | | | |

| | | Dry waste: | | sold to bric | k manufactu | rers | | | | |
|----------------------------|---|--|-------------------|---------------------|--|---|----------|---|--|--|
| | | - | | Zero discharge unit | | | | | | |
| | | Hazardous waste: | | No | | | | | | |
| Mode of Disposal of waste: | | Biomedica applicable | | Not Applicable | | | | | | |
| | | STP Sludg sludge): | e (Dry | STP sludge | will be used | for ga | rdenii | ng as manure | 9. | |
| | | Others if a | ny: | Not Applica | able | | | | | |
| | | Location(s |): | Not Applica | able | | | | | |
| Area requirem | ent: | Area for th of waste & material: | | will be prov | vide as per re | equirer | nent r | nearby area. | | |
| | | Area for m | achinery: | shed will be | e required. is | s at nea | arby a | rea | | |
| Budgetary | | Capital cos | st: | 15 lacs | | | | | | |
| (Capital co O&M cost) | | O & M cos | t: | 1.5 | | | | | 2 | |
| | | | 37.Ef | fluent C | harecter | estic | s | | | |
| Serial Number | Paran | neters | Unit | | affluent terestics | | | Effluent terestics | Effluent discharge standards (MPCB) | |
| 1 | Not Ap | plicable | Not Applicable | Not Ap | plicable | N | lot Ap | plicable | Not Applicable | |
| Amount of e (CMD): | | eration | Not Applica | able | | | | | | |
| Capacity of | the ETP: | | Not Applica | oplicable | | | | | | |
| Amount of tr recycled : | reated efflue | ent | Not Applica | pplicable | | | | | | |
| Amount of w | vater send to | o the CETP: | Not Applica | t Applicable | | | | | | |
| Membership | o of CETP (if | require): | Not Applica | | | | | | | |
| Note on ETH | P technology | to be used | Not Applica | | | | | | | |
| Disposal of t | the ETP sluc | lge | Not Applica | | | | | | | |
| | | | 38.H a | zardous | Waste D | etai | s | | | |
| Serial Number | Descr | iption | Cat | UOM | Existing | Prop | osed | Total | Method of Disposal | |
| 1 | Not Ap | plicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | | Not Applicable | Not Applicable | |
| | | | 39.S t | tacks em | ission Do | etails | 5 | | | |
| Serial Number | Section | & units | | ed with ntity | Stack No. | Heig fro grou level | m ind | Internal diameter (m) | Temp. of Exhaust Gases | |
| 1 | Fume ex syst | | electricity | 7 30.01mw | existing stack 01 nos (Proposed: 1 Nos) | existing stack height is 30 meters and proposed stack height is 45 Meters. | | 1.2 and 2.00 meters for proposed | 40 to 45 degree Celsius | |
| | | | 40.De | tails of F | ^r uel to be | e use | d | | | |
| | Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 163 Meeting Date: March 15, 2019 Page 84 of 90 | | | | | | | | | |

| Serial Number | Туј | pe of Fuel | | Existing | | Proposed | Total | |
|---|--------------------------|---|--------|---------------------------|----------|--------------------|--|--|
| 1 | Electricity | | | 10.01 MW | | 20.00 MW | 30.01 MW | |
| 41.Source o | 41.Source of Fuel MSEDCL | | | | | | | |
| 42.Mode of | Transportat | tion of fuel to site | MSE | DCL | | | | |
| | | | | - | | | | |
| | | Total RG area | | 33% of oper | n area w | vill be provided o | r as per norms | |
| | | No of trees to I : | oe cut | 0 | | | | |
| 43.Gree | | Number of tree be planted : | es to | 643 | | | | |
| Develop | ment | List of propose native trees : | d | Shirish,neei | m,aam,A | Ashoka,Bakul,Par | ngara | |
| | | Timeline for completion of plantation : | | within construction phase | | | | |
| 44.Number and list of trees species to be planted in the ground | | | | | | | | |
| Serial Number | Name of | the plant (| Commo | ommon Name Quantity | | Quantity | Characteristics & ecological importance | |
| 1 | Albizia | lebbeck | Sh | Shiris 100 | | 100 | Shady tree, yellowish green fragrant flowers | |
| 2 | Saraca | a asoka | Ash | Ashoka 200 | | 200 | Shady tree with red-yellow flowers. | |
| 3 | Mimuso | ps elengi | Ba | Bakul 12 | | 123 | Shady tree, small white fragrant flowers | |
| 4 | | oemia flos- neae | Tan | ıhan | | 100 | State flower tree of Maharashtra Medium sized tree, beautiful purple flowers | |
| 5 | Bauhinia | racemosa | Aa | pta | | 120 | Small tree with small white flowers, Butterfly host plant | |
| 45 | 5.Total qua | ntity of plants o | n grou | nd | | | | |
| 46.Num | nber and | list of shru | bs an | d bushes | spec | ies to be pla | anted in the podium RG: | |
| Serial Number | | Name | P | C/C Dista | nce | | Area m2 | |
| 1 | Not | Applicable | | Not Applic | able | | Not Applicable | |
| | 47.Energy | | | | | | | |
| | | | | | | 0 | | |



S

| | | Source of j supply : | power | MSEDCL | | | | | |
|-----------------------|------------------------------------|--|------------------------|--|--------------------------|------------------------------------|--|--|--|
| | During Cor Phase: (Der Load) | | | 1 MW | 1 MW | | | | |
| | | DG set as back-up du construction | iring | 500 KVA | | | | | |
| Dee | | During Op phase (Cor load): | | 10 MW | | | | | |
| Pov require | | During Op phase (Der load): | | 10 MW | | | | | |
| | | Transform | er: | No | | | | | |
| | | DG set as back-up du | iring | 500 KVA | | 23 | | | |
| | | Fuel used: | | HSD | | | | | |
| | | Details of high tension line passing through the plot if any: | | No | No | | | | |
| | | 48.Ene | erov savi | na by no | n-coi | nventional method: | | | |
| No | | | 3, 50.11 | <u>y</u> yo. | | | | | |
| | | 1 | 9 Detail | calculati | one | & % of saving: | | | |
| Serial | | 4 | J.Detall | | | a vi saving. | | | |
| Number | E | nergy Cons | ervation Me | easures Saving % | | | | | |
| 1 | S | olar street li | ght will be p | provided as per requirement | | | | | |
| | | 50 | .Details | of polluti | ion c | ontrol Systems | | | |
| Source | Ex | isting pollu | tion contro | l system | Proposed to be installed | | | | |
| induction Furnaces | Fume | s extraction | system follow | wed by hood Fumes extraction system followed by hood | | | | | |
| Budgetary (Capital | | Capital cos | st: | 10 Lacs App. | | | | | |
| O&M | | O & M cos | t: | 5 Lacs App. | | | | | |
| 51 | .Enviro | onment | al Mar | nageme | ent r | olan Budgetary Allocation | | | |
| | | | | 0 | | with Break-up): | | | |
| Serial | | | | - | | | | | |
| Number | Attri | Attributes Para | | neter | | Total Cost per annum (Rs. In Lacs) | | | |
| 1 | Air po | llution | chimney cooling arr | control device, chimney, water ling arrangement, insulation etc | | 80 | | | |
| 2 | Waste manag | | | ewater Jement | | 10 | | | |
| 3 | - | te disposal | Solid Wast | | | 08 | | | |
| | | | | | | | | | |

| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | | Signature: Name: Dr. Umakant Gangetree Dangat Dr. Umakant Dangat |
|----------------------------|--|-------|--|
| SEAC-I) | 15, 2019 | of 90 | (Chairman SEAC-I) |

| | | | Development of Gre | oon | | | | | | |
|------------------|--|---------------------|--|-------------------|--|--------------|-------|---------------------------|----------------------------|--|
| 4 | Green Belt | | belt by plantation 643 plants,herbs a shrubs covering 33 area of total area | of nd 3% | | | 7 | | | |
| 5 | Moi | nitoring | Environmental parameters to be monitored | è | | | | | | |
| 6 | Environ | mental Cell | Management of environment by Environment Management Department | | | | | | | |
| 7 | 1 | Гotal | Total | | | | 107 | | | |
| | | | b) Operation Pl | nase (wi | th Brea | k-up): | | | | |
| Serial Number | Com | ponent | Description | Cap | ital cost Rs Lacs | s. In C | | tional and ost (Rs. in | Maintenance Lacs/yr) | |
| 1 | Air p | pollution | control device, chimney, water cooling arrangeme insulation etc | | 120 | | S | 08 | | |
| 2 | | stewater agement | Wastewater management | | 7 | | | 1.2 | | |
| 3 | Solid Wa | aste disposal | Solid Waste dispos | sal | 07 | | 1 | | | |
| 4 | Green Belt | | Development of Gre belt by plantation 643 plants,herbs a shrubs covering 33 area of total area | of nd 3% | 3 | | | 1 | | |
| 5 | Moi | nitoring | Environmental parameters to be monitored | | | | | 2 | | |
| 6 | Environ | mental Cell | Management of environment by Environment Management Department | | | | | 2 | | |
| 7 |] | Гotal | Total | | 137 | | | 15.2 | | |
| 51.S | torag | e of ch | emicals (infl | amabl | e/expl | osive | /haz | zardou | s/toxic | |
| | | | | stance | - | | | | | |
| | CS. | | | Storage | Maximum Quantity of | Consum | ntion | | | |
| Descri | ption | Status | Location | Capacity in MT | Storage at any point of time in MT | / Mont MT | h in | Source of Supply | Means of transportation | |
| Not App | Not ApplicableNot ApplicableNot ApplicableNot ApplicableNot ApplicableNot ApplicableNot ApplicableNot Applicable | | | | | | | Not Applicable | | |
| | | | 52.Any Ot | her Info | ormation | 1 | | | | |
| No Informa | No Information Available | | | | | | | | | |
| | | | 53.Traffi | c Mana | gement | | | | | |
| | | | | | | | | | | |



| | Nos. of the junction to the main road & design of confluence: | Not Applicable |
|--|--|--|
| | Number and area of basement: | Not Applicable |
| | Number and area of podia: | Not Applicable |
| | Total Parking area: | 12 % area is provided. |
| | Area per car: | Not Applicable |
| | Area per car: | Not Applicable |
| Parking details: | 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): | 06 meter wide and 09 meters turning radius |
| | CRZ/ RRZ clearance obtain, if any: | Not Applicable |
| | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Not Applicable |
| | Category as per schedule of EIA Notification sheet | 3 a as per EIA notification |
| | Court cases pending if any | Not Applicable |
| | Other Relevant Informations | Not Applicable |
| | Have you previously submitted Application online on MOEF Website. | No |
| 9 | Date of online submission | - |
| | 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 | |
| | | |

| appropriates | | | Signature: |
|----------------------------|--|-------|--------------------|
| Abhay Pimparkar (Secretary | SEAC Meeting No: 163 Meeting Date: March | | Dr. Umakant Dangat |
| SEAC-I) | 15, 2019 | 0) 90 | (Chairman SEAC-I) |

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

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 3(a)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF& CC published in April, 2015 in 138th meeting of SEAC-1 held on 01.06.2017 wherein ToR was grnated to the PP for the preparation of EIA /EMP reprot.

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

PP informed that they have obtained earlier Environment Clearance vide No. SEAC2010/CR-386/TC-2 dated 30.09.2011.

Now PP submitted EIA /EMP report for the appraisal.

Public Hearing was conducted on 19.11.2018.

PP has obtained certified complinace of the earlier EC on 26.02.2018 from Regional Office of MoEF&CC, Nagpur.

DECISION OF SEAC



After detailed deliberations with the PP and their accredited consultant, SEAC decided to defer the proposal till PP submits compliance of following points.

Specific Conditions by SEAC:

1) PP to submit copy of amalgamation plan/letter of all the plots.

2) PP to submit proper layout plan of amalgamated (composite) plot showing 33% green belt and proper connectivity of all internal roads for smooth movement of vehicles.

3) PP to submit point wise complinace of the conditions stipulated in the earlier EC letter.

4) PP to submit copy of point wise reply submitted to the MoEF&CC regional office on observation made during the visit.

5) PP to submit copy of structural stability certificate of the exisitng structures on the site.

6) PP to submit details of proposed Environmental Management Cell.

7) PP to submit details of proposed mitigation measures to reduce the Global Warming Potential.

8) PP to submit copy of Risk Assessment reprot along with mitigataion measures.

FINAL RECOMMENDATION

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



Signature: