

## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:February 18, 2020

To.

## Mr. Bharat Shah, SHREE KHIDKALESHWAR PROPERTY DEVELOPERS PVT. LTD.

at Plot S. No. 5, 9, 13 to 15, 17, 18, 38 /1D, 22 to 24, 26, 29 to 34, 38 to 42, 53 & 2, 7, 11, 12, 16, 19, 28, 43 (all in parts) at Village Sagarli, Tal & Dist. Thane, Maharashtra.

Subject:

Environment Clearance for Amendment and Expansion in EC for proposed development of residential project at plot bearing S. No. 5, 9, 13 to 15, 17, 18, 38 /1D, 22 to 24, 26, 29 to 34, 38 to 42, 53 & 2, 7, 11, 12, 16, 19, 28, 43 (all in parts) at village Sagarli, Tal & Dist. Thane, Maharashtra proposed By Shree Khidkaleshwar Property Developers Pvt. Ltd. (Formerly known as M/s. Shree Khidkaleshwar Land Developers)

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 124th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 186th meetings.

2. It is noted that the proposal is considered by SEAC-II under screening category 8 (a) as per EIA Notification 2006.

## Brief Information of the project submitted by you is as below:-

| 1.Name of Project  | SHREE KHIDKALESHWAR PROPERTY DEVELOPERS PVT. LTD. (Formerly known as M/s. Shree Khidkaleshwar Land Developers)   |  |  |  |  |
|--|--|--|--|--|--|
| 2.Type of institution  | Private  |  |  |  |  |
| 3.Name of Project Proponent  | Mr. Bharat Shah, SHREE KHIDKALESHWAR PROPERTY DEVELOPERS PVT. LTD.   |  |  |  |  |
| 4.Name of Consultant   | Dr. D. A. Patil, MAHABAL ENVIRO ENGG. PVT. LTD.  |  |  |  |  |
| 5.Type of project  | Housing project  |  |  |  |  |
| 6.New project/expansion in existing project/modernization/diversification in existing project          | Amendment and Expansion in EC for proposed development of residential project "River wood Park"  |  |  |  |  |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | Obtained EC vide letter No. 21-54/08 IA III dt. 7th Oct 2010 for the plot area 1, 64,930 m2 having FSI area 97,597.54 m2 & total construction area 1,13,038.54 m2. Existing 40 buildings having FSI area 61,311.27 m2 & total construction area 64,546.27 m2 were completed prior to 2004. |  |  |  |  |
| 8.Location of the project  | Plot S. No. 5, 9, 13 to 15, 17, 18, 38 /1D, 22 to 24, 26, 29 to 34, 38 to 42, 53 & 2, 7, 11, 12, 16, 19, 28, 43 (all in parts) at Village Sagarli, Tal & Dist. Thane, Maharashtra.   |  |  |  |  |
| 9.Taluka   | Thane  |  |  |  |  |
| 10.Village   | Sagarli  |  |  |  |  |
| Correspondence Name:   | Mr. Bharat Shah  |  |  |  |  |
| Room Number:   | 205 Commerce House   |  |  |  |  |
| Floor:   | 2nd floor  |  |  |  |  |
| Building Name:   | Commerce House   |  |  |  |  |
| Road/Street Name:  | 140 Nagindas Master Road   |  |  |  |  |
| Locality:  | Fort   |  |  |  |  |
| City:  | Mumbai- 400023   |  |  |  |  |
| 11.Whether in Corporation /<br>Municipal / other area  | Thane Municipal Corporation (TMC)  |  |  |  |  |

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|  | Approval from TMC vide letter No. V. P. No. 95/135 TMC/TD-DP/TPS/40 Date 01/06/2016   |  |  |  |  |
|--|---|--|--|--|--|
| 12.IOD/IOA/Concession/Plan<br>Approval Number                                      | IOD/IOA/Concession/Plan Approval Number: Approval from TMC vide letter No. V. P. No. 95/135 TMC/TD-DP/TPS/40 Date 01/06/2016  |  |  |  |  |
|  | Approved Built-up Area: 121616.59   |  |  |  |  |
| 13.Note on the initiated work (If applicable)                                      | Work started as per the EC received vide letter No. 21-54/08 IA III dt. 7th Oct 2010. Completed Prior to 2004 FSI: 61,311.27 m2 & Total construction area: 64,546.27 m2. Proposed construction as per EC 2010: FSI: 8,926.55 m2 & Total construction area: 12,789.55 m2 |  |  |  |  |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                  | Approval from TMC vide letter No. V. P. No. 95/135 TMC/TD-DP/TPS/40 Date 01/06/2016   |  |  |  |  |
| 15.Total Plot Area (sq. m.)  | 1,66,430 m2   |  |  |  |  |
| 16.Deductions  | 14,296.75 m2  |  |  |  |  |
| 17.Net Plot area   | 1,52,133.25 m2  |  |  |  |  |
|  | FSI area (sq. m.): 2,63,025.74 m2   |  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)                                      | Non FSI area (sq. m.): 1,76,007.37 m2   |  |  |  |  |
| 1011 101)  | Total BUA area (sq. m.): 439033.11  |  |  |  |  |
|  | Approved FSI area (sq. m.): 121616.59   |  |  |  |  |
| 18 (b).Approved Built up area as per DCR   | Approved Non FSI area (sq. m.): 1,15,051.96 m2  |  |  |  |  |
| John S.  | Date of Approval: 01-06-2016  |  |  |  |  |
| 19.Total ground coverage (m2)  | Existing: 17,000 m2 & Proposed: 35,386.09 m2  |  |  |  |  |
| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky) | Existing: 10.21% & Proposed: 21.26%   |  |  |  |  |
| 21.Estimated cost of the project   | 8310000000  |  |  |  |  |

| 22.Production Details        |          |                                   |                                  |                     |              |      |                |  |  |
|------------------------------|----------|-----------------------------------|----------------------------------|---------------------|--------------|------|----------------|--|--|
| Serial<br>Number             | Pro      | duct Existing                     |                                  | (MT/M)              | Proposed (MT | T/M) | Total (MT/M)   |  |  |
| 1                            | Not app  | plicable                          | Not app                          | plicable            | Not applicab | le   | Not applicable |  |  |
|                              |          | 2                                 | 23.Tota                          | l Wate              | r Requirei   | ment |                |  |  |
|                              |          |                                   |                                  | TMC                 | <u></u>      |      |                |  |  |
|                              |          | Fresh water                       | er (CMD):                        | 2,456 KLD           |              |      |                |  |  |
|                              |          | Recycled w<br>Flushing (          |                                  | 1,235 KLD           |              |      |                |  |  |
|                              |          | Recycled v<br>Gardening           |                                  | 254 KLD             | 11/17. A.    |      |                |  |  |
|                              |          | Swimming<br>make up (             |                                  | 10 KLD              | fef          | 72.  |                |  |  |
| Dry season                   | <b>:</b> |                                   | Total Water<br>Requirement (CMD) |                     |              |      |                |  |  |
|                              |          |                                   | ng -<br>ind water<br>):          | As per CFO NOC      |              |      |                |  |  |
|                              |          | Fire fighting Overhead tank(CMD)  | water                            | As per CFO NOC      |              |      |                |  |  |
|                              |          | Excess trea                       | ated water                       | 1,922 KLD           |              |      |                |  |  |
|                              |          | Source of                         | water                            | TMC + RWH           |              |      |                |  |  |
|                              |          | Fresh water                       | 7 72                             | 2,280 KLD + 176 KLD |              |      |                |  |  |
|                              |          | Recycled w<br>Flushing (          |                                  | 1,235 KLD           |              |      |                |  |  |
|                              |          | Recycled v<br>Gardening           |                                  | Nil                 |              |      |                |  |  |
|                              |          | Swimming<br>make up (             |                                  | NA NA               |              |      |                |  |  |
| Wet seasor                   | n:       | Total Wate<br>Requirement         |                                  | 3,701 KLD           |              |      |                |  |  |
|                              |          | Fire fighting Undergrout tank(CMD | ınd water                        | As per CFO NOC      |              |      |                |  |  |
|                              |          | Fire fighting Overhead tank(CMD   | water                            | As per CFO NOC      |              |      |                |  |  |
|                              |          | Excess trea                       | ated water                       | 2,176 KLD           |              |      |                |  |  |
| Details of S<br>pool (If any |          | Yes, provide                      | ed on 3rd po                     | dium                |              |      |                |  |  |

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|                          |                      | 2                                | 4.Detail            | s of Tota   | ıl water o     | onsume            | d                 |                   |                   |  |
|--------------------------|----------------------|----------------------------------|---------------------|---|----------------|-------------------|-------------------|-------------------|-------------------|--|
| Particula<br>rs          | rs Consumption (CMD) |                                  |                     |   | Loss (CMD)     | )                 | Effluent (CMD)    |                   |                   |  |
| Water<br>Require<br>ment | Existing             | Proposed                         | Total               | Existing  | Proposed       | Total             | Existing          | Proposed          | Total             |  |
| Domestic                 | Not<br>applicable    | Not<br>applicable                | Not<br>applicable   | Not<br>applicable   | Not applicable | Not<br>applicable | Not<br>applicable | Not<br>applicable | Not<br>applicable |  |
|                          |                      | Level of th                      |                     | 3-4 m   |                |                   |                   |                   |                   |  |
|                          |                      | Size and notank(s) and Quantity: | o of RWH            | 8 Nos. of ta  | nks of ttotal  | 550 KL capa       | acity             |                   |                   |  |
|                          |                      | Location o tank(s):              | f the RWH           | Undergrou   | nd of the      |                   | 7                 |                   |                   |  |
| 25.Rain V<br>Harvestii   |                      | Quantity o pits:                 | 7 30                | Recharge p  | its proposed   | : 22 Nos.         | 3                 |                   |                   |  |
| (RWH)                    |                      | Size of rec                      | harge pits          | Size: 2.00 r  | n x 1.50 m x   | 2.0 m             | 13                |                   |                   |  |
|                          |                      | (Capital co                      |                     | Rs. 127 lakh  |                |                   |                   |                   |                   |  |
|                          |                      | Budgetary<br>(O & M cos          | st):                | Rs.13 lakh/ y   |                |                   |                   |                   |                   |  |
|                          |                      | Details of if any:               | UGT tanks           | Underground   |                |                   |                   |                   |                   |  |
|                          |                      | 3                                | 1-69                |   |                | D. E              | 27                |                   |                   |  |
|                          |                      | Natural wa<br>drainage p         | / / 10              | Towards East  |                |                   |                   |                   |                   |  |
| 26.Storm drainage        | water                | Quantity o water:                | f storm             | 3.76 m3/s   |                |                   |                   |                   |                   |  |
|                          |                      | Size of SW                       | D:                  | 600 x 450, 600 x 600, 450 x 300, 400 x 450, 750 x 600, 1200 x 1500 750 x 400, 450 x 350, 1000 x 1150 etc. (all in mm)   |                |                   |                   |                   |                   |  |
|                          |                      |                                  |                     |   |                |                   |                   | r e               |                   |  |
|                          |                      | Sewage ge in KLD:                | neration            | 3,446 KLD   | M E            | ani               |                   |                   |                   |  |
|                          |                      | STP techno                       | ology:              | MBBR technology   |                |                   |                   |                   |                   |  |
| 27.Sewa                  | nge and              | Capacity o (CMD):                | f STP               | 8 Nos. of STP having total 3,550 KLD capacity i.e. • STP 1: 125 KLD • STP 2: 225 KLD • STP 3: 240 KLD • STP 4: 235 KLD • STP 5: 1675 KLD • STP 6: 225 KLD • STP 7: 50 KLD • STP 8: 775 KLD. |                |                   |                   |                   |                   |  |
| Waste w                  | 0                    | Location & the STP:              | area of             | Ground & area provided • STP 1: 100 m2 • STP 2: 150 m2 • STP 3: 170 m2 • STP 4: 170 m2 • STP 5: 1200 m2 • STP 6: 160 m2 • STP 7: 35 m2 • STP 8: 550 m2.                                     |                |                   |                   |                   |                   |  |
|                          |                      | Budgetary<br>(Capital co         | allocation<br>ost): | Rs. 710 Lal   | <b>k</b> h     |                   |                   |                   |                   |  |
|                          |                      | Budgetary<br>(O & M cos          |                     | Rs. 142 Lakh/y  |                |                   |                   |                   |                   |  |

|   | 28.Solie  | d waste Management   |  |  |  |  |
|---|---|--|--|--|--|--|
| XA7   | Waste generation:                               | Construction debris: 11,000 m3   |  |  |  |  |
| Waste generation in<br>the Pre Construction<br>and Construction<br>phase: | Disposal of the construction waste debris:      | The construction debris will be utilized at site for Road Paving. The construction debris & excavated material will be disposed as per the "Construction and Demolition and Desilting Waste (Management and Disposal) Rules 2016". |  |  |  |  |
|   | Dry waste:                                      | 5,481 kg/d   |  |  |  |  |
|   | Wet waste:                                      | 8,221 kg/d   |  |  |  |  |
| Waste generation  | Hazardous waste:                                | NA   |  |  |  |  |
| in the operation<br>Phase:  | Biomedical waste (If applicable):               | NA   |  |  |  |  |
|   | STP Sludge (Dry sludge):                        | 34 m3/day  |  |  |  |  |
|   | Others if any:                                  | Household E-Waste Generation   |  |  |  |  |
|   | Dry waste:                                      | Dry garbage will be disposed off to authorized recyclers   |  |  |  |  |
|   | Wet waste:                                      | Wet garbage will be composted using Biomethanation plant.  |  |  |  |  |
|   | Hazardous waste:                                | NA ONE   |  |  |  |  |
| Mode of Disposal of waste:  | Biomedical waste (If applicable):               | NA NA  |  |  |  |  |
|   | STP Sludge (Dry sludge):                        | Sludge use as manure for gardening   |  |  |  |  |
|   | Others if any:                                  | The E-waste shall be handed over to E-waste management vendor authorized by MPCB (if any).   |  |  |  |  |
|   | Location(s):                                    | Ground   |  |  |  |  |
| Area requirement:   | Area for the storage of waste & other material: | Area provided: 400 m2  |  |  |  |  |
|   | Area for machinery:                             | 400 m2   |  |  |  |  |
| Budgetary allocation<br>(Capital cost and                                 | Capital cost:                                   | Rs. 80 Lakh  |  |  |  |  |
| O&M cost):  | O & M cost:                                     | Rs. 32 Lakh/y  |  |  |  |  |

|                                  | 29.Effluent Charecterestics          |                |  |                |                                     |  |  |  |  |
|----------------------------------|--------------------------------------|----------------|--|----------------|-------------------------------------|--|--|--|--|
| Serial<br>Number                 | Parameters                           |                | Unit Inlet Effluent Outlet Effluent Charecterestics Charecterestic |                | Effluent discharge standards (MPCB) |  |  |  |  |
| 1                                | Not applicable                       | Not applicable | Not applicable   | Not applicable | Not applicable                      |  |  |  |  |
| Amount of e                      | Amount of effluent generation (CMD): |                | Not applicable   |                |                                     |  |  |  |  |
| Capacity of                      | the ETP:                             | Not applicable |  |                |                                     |  |  |  |  |
| Amount of trecycled:             | reated effluent                      | Not applicable |  |                |                                     |  |  |  |  |
| Amount of v                      | water send to the CETP:              | Not applicable |  |                |                                     |  |  |  |  |
| Membership of CETP (if require): |                                      | Not applicable |  |                |                                     |  |  |  |  |
| Note on ET                       | P technology to be used              | Not applicable |  |                |                                     |  |  |  |  |
| Disposal of                      | the ETP sludge                       | Not applicable |  |                |                                     |  |  |  |  |



| 30.Hazardous Waste Details |  |   |                 |                                     |                   |                                       |                             |                           |  |  |
|----------------------------|--|---|-----------------|-------------------------------------|-------------------|---------------------------------------|-----------------------------|---------------------------|--|--|
| Serial<br>Number           | Descr  | ription   | Cat             | UOM                                 | Existing          | Proposed                              | Total                       | Method of Disposal        |  |  |
| 1                          | Not ap                                       | plicable  | Not applicable  | Not applicable                      | Not applicable    | Not applicable                        | Not applicable              | Not applicable            |  |  |
|                            |  |   | 31.St           | acks em                             | ission D          | etails                                |                             |                           |  |  |
| Serial<br>Number           | Section                                      | & units   | Fuel Us<br>Quar |                                     | Stack No.         | Height<br>from<br>ground<br>level (m) | Internal<br>diameter<br>(m) | Temp. of Exhaust<br>Gases |  |  |
| 1                          | Not ap                                       | plicable  | Not app         | olicable                            | Not<br>applicable | Not applicable                        | Not applicable              | Not applicable            |  |  |
|                            |  |   | 32.De           | tails of F                          | uel to b          | e used                                |                             |                           |  |  |
| Serial<br>Number           | Туг  | oe of Fuel  | 43              | Existing                            | Tef so            | Proposed                              | 5                           | Total                     |  |  |
| 1                          | Not  | applicable  | N               | lot applicabl                       | е                 | Not applicabl                         | le                          | Not applicable            |  |  |
| 33.Source of               |  | 7   | /~/             | pplicable                           | 2                 | 67.                                   | V'L                         |                           |  |  |
| 34.Mode of                 | Transportat                                  | ion of fuel to  | site Not a      | pplicable                           |                   | 24                                    | X                           |                           |  |  |
|                            |  | H   | A A             | 105                                 | 20                | A 3                                   | E                           |                           |  |  |
|                            |  |   | ×               | 35.Eı                               | nergy             | V                                     | 3                           |                           |  |  |
|                            |  | Source of supply:                                       | power           | MSEDCL                              |                   | た                                     | 五                           |                           |  |  |
|                            |  | During Construction<br>Phase: (Demand<br>Load)          |                 | 660 kW                              |                   |                                       |                             |                           |  |  |
|                            |  | DG set as Power<br>back-up during<br>construction phase |                 | 5 x 82.5 kVA                        |                   |                                       |                             |                           |  |  |
| Pov                        | vor  | During Operation phase (Connected load):                |                 | 19 MW                               |                   |                                       |                             |                           |  |  |
| require                    | _  | During Operation phase (Demand load):                   |                 | 10.5 MW                             |                   |                                       |                             |                           |  |  |
|                            |  | Transform   | er:             | 16 x 990 kVA                        |                   |                                       |                             |                           |  |  |
|                            |  | DG set as I<br>back-up di<br>operation                  | uring           | Total DG set Capacity: 10 x 125 kVA |                   |                                       |                             |                           |  |  |
|                            |  | Fuel used:  |                 | Diesel                              | <b>OB</b>         |                                       |                             |                           |  |  |
|                            |  | Details of<br>tension lin<br>through th<br>any:         | e passing       | No                                  | No                |                                       |                             |                           |  |  |
|                            |  | Ener  | gy saving       | by non-                             | conven            | ional me                              | thod:                       |                           |  |  |
| • Solar hot v              | water will be                                | e provided.<br>be installed                             | for common      | facilities wh                       | enever pos        | sible.                                |                             |                           |  |  |
|                            |  | 3   | 6.Detail        | calculati                           | ons & %           | of savin                              | g:                          |                           |  |  |
| Serial<br>Number           | Serial Energy Conservation Measures Saving % |   |                 |                                     |                   |                                       |                             |                           |  |  |

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| 1               |   | Total e                     | nergy saving     |                | 19.22 %                  |  |  |  |
|-----------------|---|-----------------------------|------------------|----------------|--------------------------|--|--|--|
|                 |   | 37.                         | Details of p     | pollution c    | ontrol Systems           |  |  |  |
| Source          | Ex  | isting pollu                | tion control sys | stem           | Proposed to be installed |  |  |  |
| Not applicable  | Not applicable  |                             |                  | Not applicable |                          |  |  |  |
|                 | allocation  | Capital cost: Rs. 150 Lakhs |                  |                |                          |  |  |  |
| (Capital<br>O&M |   | O & M cost                  | Rs.              | Rs. 08 Lakh/y  |                          |  |  |  |
| 38              | 38.Environmental Management plan Budgetary Allocation |                             |                  |                |                          |  |  |  |
|                 | a) Construction phase (with Break-up):                |                             |                  |                |                          |  |  |  |
| Serial          | Serial Table (De La Lace)                             |                             |                  |                |                          |  |  |  |

| Serial<br>Number | Attributes  | Parameter    | Total Cost per annum (Rs. In Lacs) |  |  |  |  |  |
|------------------|---|--------------|------------------------------------|--|--|--|--|--|
| 1                | Water spray for dust suppression  | प्राप्त खेवव | 25                                 |  |  |  |  |  |
| 2                | Site sanitation<br>(Toilets)  | 7 33         | 10                                 |  |  |  |  |  |
| 3                | Environmental Monitoring (As per the CPCB guidelines through MoEF Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time) | HE HE        | TEAT HE                            |  |  |  |  |  |
| 4                | Potable Water Supply to Labour Camp   |              | 12                                 |  |  |  |  |  |
| 5                | Health check-up & first aid   | A PIVOLE     | 8.5                                |  |  |  |  |  |
| 6                | Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)  | 20140H       | 24                                 |  |  |  |  |  |
| 7                | Traffic Management<br>(Sign Boards, Persons<br>at entry exit and<br>Parking area)   | vern         |                                    |  |  |  |  |  |
| 8                | Safety nets   | OKOK         | 0 0 0 1 1 10                       |  |  |  |  |  |
| 9                | Tyre cleaning and<br>Vehicle maintenance  | allar        | 8.5                                |  |  |  |  |  |
| 10               | Solid Waste<br>Management & Site<br>maintenance activity  | -            | 5.5                                |  |  |  |  |  |
| 11               | Safety - Training to<br>Workers (Twice in<br>Year), Safety Officer  | -            | 3.5                                |  |  |  |  |  |
|                  | b) Operation Phase (with Break-up):   |              |                                    |  |  |  |  |  |

| Serial<br>Number Component |                | Description | Capital cost Rs. In<br>Lacs | Operational and Maintenance cost (Rs. in Lacs/yr) |  |
|----------------------------|----------------|-------------|-----------------------------|---|--|
| 1                          | STP (Tertiary) | 710         | 142                         | Continuous O & M                                  |  |

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| 2 | Solar System                | 150 | 8  | Weekly  |
|---|-----------------------------|-----|----|---|
| 3 | Rain Water Harvesting       | 127 | 13 | During rainy season (Cleaning of RWH tanks and Filtration chamber)  |
| 4 | Biomethanation Plant        | 80  | 32 | Continuous O & M  |
| 5 | Landscape<br>development    | 508 | 76 | Daily   |
| 6 | Environmental<br>Monitoring | -   | 8  | As per the CPCB guidelines<br>through MoEF Approved<br>laboratories |

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

| Description              | Status            | Location       | Storage<br>Capacity<br>in MT | Maximum Quantity of Storage at any point of time in MT | Consumption<br>/ Month in<br>MT | Source of<br>Supply | Means of transportation |
|--------------------------|-------------------|----------------|------------------------------|--|---------------------------------|---------------------|-------------------------|
| Not applicable           | Not<br>applicable | Not applicable | Not<br>applicable            | Not<br>applicable                                      | Not applicable                  | Not<br>applicable   | Not applicable          |
| 40.Any Other Information |                   |                |                              |  |                                 |                     |                         |
| No Information Availa    | blo               | 1              |                              |  | . 1                             |                     |                         |

No Information Available

## Government of Maharashtra

| CRZ/ RRZ clearance obtain, if any:  | Obtained   |
|---|------------|
| Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | NA         |
| Category as per<br>schedule of EIA<br>Notification sheet  | 8 (a)      |
| Court cases pending if any  | NA         |
| Other Relevant<br>Informations  | NA NA      |
| Have you previously submitted Application online on MOEF Website.                                       | Yes        |
| Date of online submission   | 30-05-2016 |

3. The proposal has been considered by SEIAA in its 186th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

## **Specific Conditions:**

| I   | PP to upload CFO NoC   |
|-----|--|
| II  | PP to upload HRC NoC   |
| Ш   | The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.              |
| IV  | PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department. |
| v   | As Sewerage line is not there, PP to ensure Zero Liquid Discharge with till the sewerage line is in full operation   |
| VI  | PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.   |
| VII | PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.   |

## **General Conditions**:

| General Conditions: | OLO VOLLILIO III OL   |
|---------------------|---|
| I                   | E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.  |
| п                   | This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.   |
| III                 | PP has to abide by the conditions stipulated by SEAC& SEIAA.  |
| IV                  | The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area. |
| V                   | If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.  |
| VI                  | All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.  |

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| VII    | Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.  |  |
|--------|--|--|
| VIII   | The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.   |  |
| IX     | Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.  |  |
| X      | Arrangement shall be made that waste water and storm water do not get mixed.   |  |
| XI     | All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.   |  |
| XII    | Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.  |  |
| XIII   | Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.   |  |
| XIV    | Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.  |  |
| XV     | Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.  |  |
| XVI    | Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.  |  |
| XVII   | The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.  |  |
| XVIII  | The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.   |  |
| XIX    | Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.   |  |
| XX     | Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.   |  |
| XXI    | Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).   |  |
| XXII   | Ready mixed concrete must be used in building construction.  |  |
| XXIII  | Storm water control and its re-use as per CGWB and BIS standards for various applications.   |  |
| XXIV   | Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.  |  |
| XXV    | The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.  |  |
| XXVI   | The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. |  |
| XXVII  | Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.   |  |
| XXVIII | Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.   |  |
| XXIX   | Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.   |  |
| XXX    | Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.  |  |
| XXXI   | Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.  |  |

| XXXII   | Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy. |
|---------|--|
| XXXIII  | Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.  |
| XXXIV   | Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.  |
| XXXV    | Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.   |
| XXXVI   | Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.  |
| XXXVII  | The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.  |
| XXXVIII | Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.  |
| XXXIX   | Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.   |
| XL      | Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.  |
| XLI     | Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.  |
| XLII    | Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.  |
| XLIII   | Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.   |
| XLIV    | A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.   |
| XLV     | In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.  |
| XLVI    | A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.   |
| XLVII   | Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.  |
| XLVIII  | The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in.  |
| XLIX    | Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.   |
| L       | A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.   |

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| LI   | The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. |
|------|--|
| LII  | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.  |
| LIII | The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.  |



- 4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
- 5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
- 6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
- 7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.
- 8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
- 9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
- 10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Shri. Anil Diggikar (Member Secretary SEIAA)

## Copy to:

- 1. SECRETARY MOEF & CC
- 2. IA- DIVISION MOEF & CC
- 3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
- 4. REGIONAL OFFICE MOEF & CC NAGPUR
- 5. MUNICIPAL COMMISSIONER THANE
- 6. REGIONAL OFFICE MPCB THANE
- 7. REGIONAL OFFICE MIDC AMBERNATH
- 8. REGIONAL OFFICE MIDC THANE
- 9. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
- 10. COLLECTOR OFFICE THANE

Maharashtra