#### Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

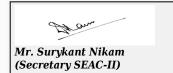
#### SEAC Meeting number: 95 Meeting Date April 8, 2019

**Subject:** Environment Clearance for Industrial I. T. Building Project Viz. CTS No. 105, 105/1 to 38, 105/39 (pt), 105/40 (pt), 105/40-41, 105/42, 105/44 (pt), 106, 107 of Village Hariyali, L.B.S. Marg, Vikhroli (W), Mumbai, Maharashtra Proposed by Vikhroli Corporate Park Pvt. Ltd.

Is a Violation Case: Yes

| Is a Violation Case: Yes   |   |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|
| 1.Name of Project  | Vikhroli Corporate Park Pvt. Ltd.   |  |  |  |  |  |  |
| 2.Type of institution  | Private   |  |  |  |  |  |  |
| 3.Name of Project Proponent  | Mr. Sandeep Tapadia; Vikhroli Corporate Park Pvt. Ltd.  |  |  |  |  |  |  |
| 4.Name of Consultant   | Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.   |  |  |  |  |  |  |
| 5.Type of project  | Industrial IT Park  |  |  |  |  |  |  |
| 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  | CTS No. 105, 105/1 to 38, 105/39 (pt), 105/39 (pt), 105/40-41, 105/42, 105/44 (pt) , 106, 107 of Village Hariyali, L.B.S. Marg, Vikhroli (W), Mumbai, Maharashtra |  |  |  |  |  |  |
| 9.Taluka   | Kurla   |  |  |  |  |  |  |
| 10.Village   | Hariyali  |  |  |  |  |  |  |
| Correspondence Name:   | Mr. Sandeep Tapadia; Vikhroli Corporate Park Pvt. Ltd.  |  |  |  |  |  |  |
| Room Number:   |   |  |  |  |  |  |  |
| Floor:   |   |  |  |  |  |  |  |
| <b>Building Name:</b>  | 247 Park, Tower B   |  |  |  |  |  |  |
| Road/Street Name:  | LBS Marg  |  |  |  |  |  |  |
| Locality:  | Vikhroli (w)  |  |  |  |  |  |  |
| City:  | Mumbai- 400083  |  |  |  |  |  |  |
| 11.Area of the project   | Municipal Corporation of Greater Mumbai (MCGM)  |  |  |  |  |  |  |
|  | IOD dt 23.06.2006; CC dt 15.10.2006.  |  |  |  |  |  |  |
| 12.IOD/IOA/Concession/Plan<br>Approval Number  | IOD/IOA/Concession/Plan Approval Number: IOD dt 23.06.2006; CC dt 15.10.2006.   |  |  |  |  |  |  |
| ripprovar rumbor   | Approved Built-up Area: 173384.36   |  |  |  |  |  |  |
| 13.Note on the initiated work (If applicable)  | Total Constructed Work (FSI+ Non FSI) - Tower A: FSI: 79735 m2; Total Constructed area: 169712 m2   |  |  |  |  |  |  |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                                      | IOD dt 23.06.2006 CC dt 15.10.2006.   |  |  |  |  |  |  |
| 15.Total Plot Area (sq. m.)  | 50636 m2  |  |  |  |  |  |  |
| 16.Deductions  | 6029.96 m2  |  |  |  |  |  |  |
| 17.Net Plot area   | 44600 m2  |  |  |  |  |  |  |
|  | a) FSI area (sq. m.): 83,408.18 m2  |  |  |  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)  | <b>b) Non FSI area (sq. m.):</b> 89,976.18 m2   |  |  |  |  |  |  |
|  | c) Total BUA area (sq. m.): 173384.36   |  |  |  |  |  |  |
|  | <b>Approved FSI area (sq. m.):</b> 83,408.18 m2   |  |  |  |  |  |  |
| 18 (b).Approved Built up area as per DCR   | Approved Non FSI area (sq. m.): 89,976.18 m2  |  |  |  |  |  |  |
| Box  | Date of Approval: 23-06-2006  |  |  |  |  |  |  |
| 19.Total ground coverage (m2)  | 13826   |  |  |  |  |  |  |
| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky)                     | 31%   |  |  |  |  |  |  |
| 21.Estimated cost of the project   | 380000000   |  |  |  |  |  |  |
| 22 Ni  | har of buildings S- its configuration   |  |  |  |  |  |  |

### 22. Number of buildings & its configuration



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(M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)

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| Serial  | Buildin                             | g Name & r   | umber         | Nu          | mber of floors                           | Height of the building (Mtrs) |  |
|---|-------------------------------------|--|---------------|-------------|--|-------------------------------|--|
| number  | _ 4114111                           | 9  |               |             |  |                               |  |
| 1   | Buildi                              | ng No. 1 (Tov  | ver A)        |             | nts+ Ground Floor + 2<br>liums+ 11 Floor | 52.8 m                        |  |
| 2   | Buildi                              | ng No. 1 (Tov  | ver B)        |             | nts + Ground Floor+2<br>iums + 14 Floor  | 60.5 m                        |  |
| 3   | Buildi                              | ng No. 1 (Tov  | ver C)        |             | nts+ Ground Floor + 2<br>liums+ 11 Floor | 52.8 m                        |  |
| 4   | Е                                   | Building No. 2   | 2             |             | Gr+2                                     | 12.6 m                        |  |
| 23.Number<br>tenants an   |                                     | building is t  | he Industria  | l IT Park   |  |                               |  |
| 24.Number expected reusers  |                                     | 7200 nos.  |               |             |  | . 01                          |  |
| 25.Tenant<br>per hectar   |                                     | 1  |               |             |  |                               |  |
| 26.Height building(s)   |                                     |  |               |             |  | -0"                           |  |
| 27.Right of (Width of t from the n station to t proposed by                                     | the road<br>earest fire<br>the      | The proposed project site is accessible by 36.60 m wide LBS Road |               |             |  |                               |  |
| 28.Turning<br>for easy ac<br>fire tender<br>movement<br>around the<br>excluding<br>for the plan | cess of from all building the width | Min 9 m  |               |             |  |                               |  |
| 29.Existing structure (   |                                     | 3 Existing b   | uildings will | be demolish | ned Gr+4, Gr+3 & Gr+1                    |                               |  |
| 30.Details<br>demolition<br>disposal (I<br>applicable)  | with<br>f                           | Debris Generation: 300 m3  |               |             |  |                               |  |
|   |                                     |  | 31.P          | roduct      | ion Details                              |                               |  |
| Serial<br>Number  | Proc                                | duct   | Existing      | (MT/M)      | Proposed (MT/M)                          | Total (MT/M)                  |  |
| 1   | Not app                             | olicable   | Not app       | olicable    | Not applicable                           | Not applicable                |  |
| 32.Total Water Requirement  |                                     |  |               |             |  |                               |  |

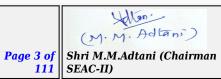


|                                   | Source of water                                    | MCGM               |                |                |                |                |                |
|-----------------------------------|--|--------------------|----------------|----------------|----------------|----------------|----------------|
|                                   | Fresh water (CMD):                                 | 108 KLD            |                |                |                |                |                |
|                                   | Recycled water -<br>Flushing (CMD):                | 313 KLD            |                |                |                |                |                |
|                                   | Recycled water - Gardening (CMD):                  | 13 KLD             |                |                |                |                |                |
|                                   | -  |                    |                |                |                |                |                |
| Dry season:                       | Total Water<br>Requirement (CMD):                  | 324 KLD            |                |                |                |                |                |
|                                   | Fire fighting -<br>Underground water<br>tank(CMD): | 260 KLD            |                |                |                | . 0            |                |
|                                   | Fire fighting - Overhead water tank(CMD):          |                    |                |                |                | <b>)</b>       |                |
|                                   | Excess treated water                               | reated water 0 KLD |                |                |                |                |                |
|                                   | Source of water                                    | MCGM               |                |                |                |                |                |
|                                   | Fresh water (CMD):                                 | 108 KLD            |                |                |                |                |                |
|                                   | Recycled water - Flushing (CMD):                   | 313 KLD            |                |                |                |                |                |
|                                   | Recycled water -<br>Gardening (CMD):               | 0                  |                |                |                |                |                |
|                                   | Swimming pool make up (Cum):                       | -                  |                |                |                |                |                |
| Wet season:                       | Total Water<br>Requirement (CMD):                  | 324 KLD            |                |                |                |                |                |
|                                   | Fire fighting -<br>Underground water<br>tank(CMD): | 260 KLD            |                |                |                |                |                |
|                                   | Fire fighting -<br>Overhead water<br>tank(CMD):    | 260 KLD            |                |                |                |                |                |
|                                   | <b>Excess treated water</b>                        | 13 KLD             |                |                |                |                |                |
| Details of Swimming pool (If any) | NA   |                    |                |                |                |                |                |
|                                   | 33.Details of Total water consumed                 |                    |                |                |                |                |                |
| Particula con                     | sumption (CMD)                                     |                    | Loss (CMD)     | )              | Eí             | ffluent (CM    | D)             |
| Water<br>Require<br>ment Existing | Proposed Total                                     | Existing           | Proposed       | Total          | Existing       | Proposed       | Total          |
| Domestic Not applicable           | Not Not applicable                                 | Not applicable     | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
|                                   |  |                    |                |                |                |                |                |





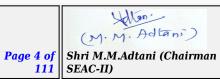




|  | T 1 C 1                                    |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  | Level of the Ground water table:           | 4 to 5 m   |  |  |  |  |  |
|  | Size and no of RWH tank(s) and Quantity:   | four Recharge pits are provided  |  |  |  |  |  |
|  | Location of the RWH tank(s):               | -  |  |  |  |  |  |
| 34.Rain Water<br>Harvesting                  | Quantity of recharge pits:                 | Recharge pits are provided   |  |  |  |  |  |
| (RWH)  | Size of recharge pits :                    | 2000 MM Dia  |  |  |  |  |  |
|  | Budgetary allocation (Capital cost) :      | Rs. 30 Lakh  |  |  |  |  |  |
|  | Budgetary allocation (O & M cost) :        | Rs. 3 Lakh/y   |  |  |  |  |  |
|  | Details of UGT tanks if any:               | Basement   |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 25.01  | Natural water drainage pattern:            | The natural Slope of Plot is towards east side   |  |  |  |  |  |
| 35.Storm water<br>drainage                   | Quantity of storm water:                   | 5876 m3/hr   |  |  |  |  |  |
|  | Size of SWD:                               | 600 mm wide channels   |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | Sewage generation in KLD:                  | 313 KLD  |  |  |  |  |  |
|  | STP technology:                            | MBBR Technology  |  |  |  |  |  |
| Sewage and                                   | Capacity of STP (CMD):                     | Total Capacity: 400 m3   |  |  |  |  |  |
| Waste water                                  | Location & area of the STP:                | Basement   |  |  |  |  |  |
|  | Budgetary allocation (Capital cost):       | Rs. 150 Lakh   |  |  |  |  |  |
|  | Budgetary allocation (O & M cost):         | Rs. 24 Lakh/y  |  |  |  |  |  |
|  |  | d waste Management   |  |  |  |  |  |
| Waste generation in                          | Waste generation:                          | Construction debris  |  |  |  |  |  |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | The construction debris will be disposed as per the "Construction and Demolition and Desilting Waste (Management and Disposal) Rules 2006. |  |  |  |  |  |
| 7  | Dry waste:                                 | 576 kg/day   |  |  |  |  |  |
|  | Wet waste:                                 | 864 kg/day   |  |  |  |  |  |
| Wasta ganaration                             | Hazardous waste:                           | NA   |  |  |  |  |  |
| Waste generation in the operation Phase:     | Biomedical waste (If applicable):          | NA   |  |  |  |  |  |
|  | STP Sludge (Dry sludge):                   | 3 m3/d   |  |  |  |  |  |
|  | Others if any:                             | E waste: 4.5 Ton/yr  |  |  |  |  |  |







| Dry waste:   Dry garbage will be segregated & disposed off to recyclers   Wet waste:   Wet garbage will be composted using Mechanical Composting system and used as organic manure for landscaping.   Hazardous waste:   NA  |                        |                              |                |  | i           |  |          |                |          |                |                    |
|--|------------------------|------------------------------|----------------|--|-------------|--|----------|----------------|----------|----------------|--------------------|
| Mode of Disposal of waste:    Hazardous waste:   Arabitotis   Biomedical waste of a politicable:   NA  |                        |                              | Dry waste:     |  | , , ,       | Dry garbage will be segregated & disposed off to recyclers |          |                |          |                |                    |
| Biomedical waste (If applicable):   SPE Studge (Dry sludge):   Studge is used as manure for gardening   Chers if any:   E waste will be given to authorized recyclers  |                        |                              | Wet waste      | :  |             |  |          |                |          |                |                    |
| Blomedical waste (If applicable):   STP Sludge (Dry sludge):   Studge is used as manure for gardening   STP Sludge (Dry sludge):   Studge is used as manure for gardening   STP Sludge (Dry sludge):   Studge is used as manure for gardening   STP Sludge (Dry sludge):   Studge is used as manure for gardening   STP Sludge (Dry sludge):   Studge is used as manure for gardening   STP Sludge (Dry sludge):   STP Sludge (Dry sludg   | Mode of 1              | Dienosal                     | Hazardous      | waste:                                       | NA          |  |          |                |          |                |                    |
| Sludge :   Sludge is uset as insular but gataering   Sudge is uset gataering   Sudge   |                        | of waste:  Biomedic applicab |                |  | NA          |  |          |                |          |                |                    |
| Area for the storage of waste & other material:  Area for machinery:  Budgetary allocating (Capital cost and O&M cost):  Rs. 20 Lakh  Co&M cost):  Serial Number  Amount of refluent generation (CM):  Amount of water send to the CETP:  Mote on ETP technology to be used  Disposal of the ETP sludge  Not applicable  Serial Number  Not applicable  Not ap |                        |                              |                | e (Dry                                       | Sludge is u | Sludge is used as manure for gardening                     |          |                |          |                |                    |
| Area for the storage of waste & other material:   Area for machinery:   30 m2     30 m2   30 m2     30 m2   30 m2     30 m2   30   |                        |                              | Others if a    | ny:  | E waste wil | ll be gi   | ven to   | authorized 1   | recycle  | ers            |                    |
| Mare a for machinery:   April   Apr    |                        |                              | Location(s     | ):   | Ground      |  |          |                |          |                |                    |
| Capital cost and OcM cost:   Rs. 20 Lakh   |                        | ent:                         | of waste &     |  | 40 m2       |  |          |                |          |                |                    |
| Copid cost and Ook M cost:   Rs. 10 Lakh/year   String   Parameters   Unit   Inlet Effluent   Charecterestics   Charecterestics   Serial Number   Parameters   Unit   Inlet Effluent   Charecterestics   Outlet Effluent   Charecterestics   Standards (MPCB)  |                        |                              | Area for m     | achinery:                                    | 30 m2       |  |          |                |          |                | N. 2               |
| Serial Number   Parameters   Not applicable    |                        |                              | Capital cos    | st:  | Rs. 20 Laki | 1  |          |                |          |                | VY                 |
| Serial Number   Parameters   Unit   Inlet Effluent Charecterestics   Charecterestics   Charecterestics   Charecterestics   Charecterestics   Charecterestics   Charecterestics   Charecterestics   Charecterestics   Inlet Effluent Charecterestics   Charecterestics   Charecterestics   Charecterestics   Charecterestics   Inlet Inlet Effluent Charecterestics   Charecterestics   Charecterestics   Charecterestics   Charecterestics   Charecterestics   Inlet Inlet Inlet Inlet   Charecterestics   Chare   |                        |                              | O & M cos      | t:   | Rs. 10 Laki | n/year   |          |                |          |                | <i>)</i>           |
| Not applicable   Not    |                        |                              |                | 37.E   | fluent C    | hare   | cter     | estics         |          |                | <u> </u>           |
| Number   Parameters   Ont   Charecterestics   Charecterestics   Standards (MPCB)   | Serial                 |                              |                |  | 1           |  |          |                | Effluer  | nt             | Fffluent discharge |
| Amount of effluent generation (CMD):    Not applicable   |                        | Paran                        | neters         |  |             |  |          |                |          |                |                    |
| Composition of the ETP:   Not applicable   |                        |                              |                |  | Not ap      | plicabl  | е        | Not app        | plicable | е              | Not applicable     |
| Amount of treated effluent recycled:  Amount of water send to the CETP:  Membership of CETP (if require):  Not applicable  Serial Number  Not applicable  Serial Number  Not applicable  |                        |                              |                |  |             |  |          |                |          |                |                    |
| Mot applicable   Not applicable  | Capacity of            | the ETP:                     |                | Not applica                                  | able        |  | <u>U</u> |                |          |                |                    |
| Membership of CETP (if require):   Not applicable  | Amount of t recycled : | reated efflue                | ent            | Not applica                                  | able        |  |          |                |          |                |                    |
| Note on ETP technology to be used   Not applicable   | Amount of v            | vater send to                | the CETP:      | Not applica                                  | able        | 7  |          |                |          |                |                    |
| Serial Number   Section & units   Serial Number   Serial Num   | Membership             | o of CETP (if                | require):      | Not applica                                  | able        |  |          |                |          |                |                    |
| Serial Number   Description   Cat   UOM   Existing   Proposed   Total   Method of Disposal   | Note on ET             | P technology                 | to be used     | Not applica                                  | able        |  |          |                |          |                |                    |
| Serial Number       Description       Cat       UOM       Existing       Proposed       Total       Method of Disposal         1       Not applicable       applicable       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable       Internal from ground level (m)       Internal diameter (m)       Temp. of Exhaust Gases         1       Not applicable       Not appl  | Disposal of            | the ETP sluc                 | lge            | Not applica                                  | able        |  |          |                |          |                |                    |
| Number       Description       Cat       COM       Existing       Proposed       Total       Method of Disposal         1       Not applicable       Internal diameter (m)       Temp. of Exhaust Gases         1       Not applicable       Not applicable <t< td=""><td></td><td></td><td></td><td>38.Ha</td><td>azardous</td><td>Was</td><td>te D</td><td>etails</td><td></td><td></td><td></td></t<>  |                        |                              |                | 38.Ha  | azardous    | Was  | te D     | etails         |          |                |                    |
| Not applicable   Aleight   from ground   diameter (m)   applicable   Not applicable   Aleight   appl   |                        | Descr                        | iption         | Cat  | UOM         | Exis   | ting     | Proposed       | Tot      | tal            | Method of Disposal |
| Serial Number       Section & units       Fuel Used with Quantity       Stack No.       Height from ground level (m)       Internal diameter (m)       Temp. of Exhaust Gases         1       Not applicable  | 1                      | Not app                      | olicable       |  |             | 1  |          |                |          |                | Not applicable     |
| Section & units   Fuel Used with Quantity   Stack No.   from ground level (m)   Temp. of Exhaust Gases   |                        |                              | ,              | 39.S   | tacks em    | issio  | n D      | etails         |          |                |                    |
| A0.Details of Fuel to be used  Type of Fuel  Not applicable  Not applicable  Existing  Not applicable  |                        | Section                      | & units        |  |             | Stacl  | κ No.    | from<br>ground | diam     | eter           | _                  |
| Serial NumberType of FuelExistingProposedTotal1Not applicableNot applicableNot applicable41. Source of FuelNot applicable42. Mode of Transportation of fuel to siteNot applicable  | 1                      | Not app                      | plicable       | Not ap                                       |             |  |          | Not applicable |          |                |                    |
| Number     Type of Fuel     Existing     Proposed     Total       1     Not applicable     Not applicable     Not applicable       41. Source of Fuel     Not applicable       42. Mode of Transportation of fuel to site     Not applicable   |                        |                              |                | 40.De  | tails of I  | uel  | to be    | e used         |          |                |                    |
| 1 Not applicable Not applicable Not applicable 41.Source of Fuel Not applicable 42.Mode of Transportation of fuel to site Not applicable   |                        | Тур                          | e of Fuel      | el Existing Proposed Total                   |             |  |          |                |          |                |                    |
| 41. Source of Fuel Not applicable 42. Mode of Transportation of fuel to site Not applicable  |                        | Not                          | applicable     | Not applicable Not applicable Not applicable |             |  |          |                |          | Not applicable |                    |
| 42.Mode of Transportation of fuel to site Not applicable   |                        |                              |                |  |             |  |          |                |          |                |                    |
|  |                        |                              | ion of fuel to |  |             |  |          |                |          |                |                    |
|  |                        |                              |                |  |             |  |          |                |          |                |                    |



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| То            | Total RG area:                          | 2500 m2   |
|---------------|---|---|
|               | No of trees to be cut :                 | Nil   |
| 43.Green Belt | Number of trees to be planted :         | Existing trees: 383 Nos. Trees to be Planted: 78 Nos. |
| Development   | List of proposed native trees :         | As Mention Below                                      |
|               | Timeline for completion of plantation : | 2 years   |

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

| Serial<br>Number | Name of the plant        | Common Name   | Quantity | Characteristics & ecological importance                 |
|------------------|--------------------------|---------------|----------|---|
| 1                | Pongamia Pinnata         | Karanj        | 12       | Shady tree.   |
| 2                | Acacia Auriculiformis    | Acacia        | 17       | An evergreen tree                                       |
| 3                | Erythrina Indica         | Pangara       | 14       | Medium sized deciduous tree.<br>Bright scarlet flowers. |
| 4                | Albiza Lebbeck           | Shirish       | 16       | Shady tree, yellowish green fragrant flowers            |
| 5                | Alstonia Scholaris       | Satwin        | 19       | Shady Tree, white fragrant flowers                      |
| 45               | 5.Total quantity of plan | its on ground |          |   |

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

| Serial<br>Number | Name      | C/C Distance | Area m2 |  |  |  |  |  |  |  |
|------------------|-----------|--------------|---------|--|--|--|--|--|--|--|
| 1                | -         |              | -       |  |  |  |  |  |  |  |
|                  | 47.Energy |              |         |  |  |  |  |  |  |  |
|                  | Sila      |              |         |  |  |  |  |  |  |  |



Idlan'

|                    | Source of power supply:  | Reliance  |
|--------------------|--|---|
| Power requirement: | During Construction<br>Phase: (Demand<br>Load)                         | 250 kVA   |
|                    | DG set as Power<br>back-up during<br>construction phase                | 150 kVA   |
|                    | During Operation phase (Connected load):                               | 8076 kW   |
|                    | During Operation phase (Demand load):                                  | 4375.98 kW  |
|                    | Transformer:   | 1. Utility Building - 2000 KVA, Make: Voltamp - 3 nos. (Property of VCPPL) 2. Tower B - 2000 KVA - 1 nos. (Property of Reliance Energy - Tenant Supply) 3. Tower B - 1500 KVA - 1 nos. (Property of Reliance Energy - Tenant Supply) 4. Tower C - 1500 KVA - 1 nos. (Property of Reliance Energy - Tenant Supply) |
|                    | DG set as Power<br>back-up during<br>operation phase:                  | 7 x 1500 kVA  |
|                    | Fuel used:   | HSD   |
|                    | Details of high<br>tension line passing<br>through the plot if<br>any: |   |

#### 48.Energy saving by non-conventional method:

Energy conservation measures taken by using low energy consuming fixtures like, T5 lamps, LEDs in Lift, Lobby, and Passages

Solar lighting on street and RG area, lights proposed

Controlling of lights through motion sensors and day light sensors

Use of high energy efficient pumps for fire fighting, UG tanks and STP

#### 49. Detail calculations & % of saving:

| Serial<br>Number | Energy Conservation Measures   | Saving % |
|------------------|--|----------|
| 1                | Energy conservation measures taken by using low energy consuming fixtures like, LED in Habitable area, T5 lamps, LEDs in Lift, Lobby, and Passages Solar lighting on street and RG area, lights proposed Controlling of lights through motion sensors and day light sensors Use of high energy efficient pumps for fire fighting, UG tanks and STP Total Energy Saving | 20.1%    |

#### **50.Details of pollution control Systems**

| Source            | Ex                       | isting pollution contro | l system    | Proposed to be installed |
|-------------------|--------------------------|-------------------------|-------------|--------------------------|
| Not<br>applicable | Not applicable           |                         |             | Not applicable           |
| Budgetary         | allocation Capital cost: |                         | Rs. 40 Lakh |                          |

Budgetary allocation<br/>(Capital cost and<br/>O&M cost):Capital cost:Rs. 40 LakhO & M cost:Rs. 4 Lakh/y

### 51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):



SEAC Meeting No: 95 Meeting Date: April 8, 2019



(M. M. Adani)
Shri M.M.Adtani (Chairman SEAC-II)

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| Serial<br>Number | Attributes  | Parameter | Total Cost per annum (Rs. In Lacs) |
|------------------|---|-----------|------------------------------------|
| 1                | Water spray for dust suppression  | 1         | 2                                  |
| 2                | Site sanitation and<br>Potable Water Supply<br>to Labour                          | -         | 6                                  |
| 3                | Environmental<br>Monitoring   |           | 2                                  |
| 4                | Health check-up & first aid   | -         | 2                                  |
| 5                | Safety Personal<br>Protective Equipment   |           | 3                                  |
| 6                | Traffic Management<br>(Sign Boards, Persons<br>at entry exit and<br>Parking area) | -         | 3                                  |
| 7                | Disinfection  | -         | 2                                  |

#### b) Operation Phase (with Break-up):

|                  | 2) operation 1 111100 (111111 11p). |   |                             |   |  |  |  |  |  |
|------------------|-------------------------------------|---|-----------------------------|---|--|--|--|--|--|
| Serial<br>Number | Component                           | Description   | Capital cost Rs. In<br>Lacs | Operational and Maintenance cost (Rs. in Lacs/yr) |  |  |  |  |  |
| 1                | STP (Tertiary)                      | Continuous O & M Environment Monitoring: Monthly, STP outlet water quality for pH, BOD, COD, SS and O & G | 150                         | 24  |  |  |  |  |  |
| 2                | Solar System                        | Weekly 40   |                             | 4   |  |  |  |  |  |
| 3                | Rainwater harvesting                | During rainy season<br>(cleaning of UG tanks<br>and filtration units<br>before rainy season)              | 30                          | 3   |  |  |  |  |  |
| 4                | Solid Waste<br>Composting plant     | Continuous O & M Environment Monitoring: Monthly to assess the compost quality                            | 25                          | 10  |  |  |  |  |  |
| 5                | Landscape                           | Daily   | 50                          | 5   |  |  |  |  |  |
| 6                | Environmental<br>Monitoring         | -   | -                           | 5   |  |  |  |  |  |
| 7                | Total                               | -   | 295                         | 51  |  |  |  |  |  |

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

| Description    | Status            | Location       | Storage<br>Capacity<br>in MT | Maximum<br>Quantity<br>of<br>Storage<br>at any<br>point of<br>time in<br>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          |

#### **52.**Any Other Information



Allen:

|                  | 53.   | Traffic Management                   |
|------------------|---|--------------------------------------|
|                  | Nos. of the junction to the main road & design of confluence:   | -                                    |
|                  | Number and area of basement:  | 2 basements with area of 42937.8 m2  |
|                  | Number and area of podia:   | 2 Podiums with area of 23546.8 m2    |
|                  | Total Parking area:   | 31,630 m2                            |
|                  | Area per car:   | 32 m2                                |
|                  | Area per car:   | 32 m2                                |
| Parking details: | Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 500 Nos.                             |
|                  | Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 965 Nos.                             |
|                  | <b>Public Transport:</b>  | -                                    |
|                  | Width of all Internal roads (m):  | min 6 m                              |
|                  | CRZ/ RRZ clearance obtain, if any:  | NA                                   |
|                  | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Sanjay Gandhi National Park: 2.47 km |
|                  | Category as per<br>schedule of EIA<br>Notification sheet  | 8 (b)                                |
|                  | Court cases pending if any  | NA                                   |
|                  | Other Relevant<br>Informations  | NA                                   |
| 5                | Have you previously<br>submitted<br>Application online<br>on MOEF Website.                              | Yes                                  |
|                  | Date of online submission   | 21-07-2017                           |

Summorised in brief information of Project as below.

# Brief information of the project by SEAC



PP was present during the meeting along with Environmental Consultant M/s. Mahabal Enviro Engg. Pvt. Ltd.

*PP further stated that, t*he total plot area of the project is 50636Sq.mt. having total construction area area 173384.36Sq.mt. (FSI - 83,408.18sq.mt + NON FSI- 89,976.18 sq.mt) and the building configuration is as follow-

| Building Name & number   | Number of floors              | Height (Mtrs) |
|--------------------------|-------------------------------|---------------|
| Building No. 1 (Tower A) | 2 Basements+ Ground Floor + 2 | 52.8 m        |
| (A)                      | Podiums+ 11 Floor             |               |
| Building No. 1 (Tower B) | 2 Basements + Ground Floor+2  | 60.5 m        |
|                          | Podiums + 14 Floor            |               |
| Building No. 1 (Tower C) | 2 Basements+ Ground Floor + 2 | 52.8 m        |
|                          | Podiums+ 11 Floor             |               |
| Building No. 2           | Gr+2                          | 12.6 m        |

PP and Environment Consultant stated that, proposal under consideration is violation case of EIA Notification 2006 & amended time to time. PP further stated that, as on date, they have constructed  $1,69,712.00 \text{ m}^2$  area (FSI Area:  $79,735.82 \text{ m}^2$ )

It is noted that, the project earlier considered in 89th SEAC-2 meeting held on 20-02-2019 and noted that proposal under consideration is of Violation of EIA Noti?cation 2006, as amended and de?ned in MoEF & CC noti?cation dated 14th March 2017 & 8th March 2018. ToR has been approved for the proposal in 66<sup>th</sup> SEAC-2 meeting held on 18/8/2018. Additionally ,in order to asses for the Environmental Damage and for Estimation of Remediation Costs, additional ToR accorded for remediation plan and natural & community resource augmentation plan as ?nalised in 87<sup>th</sup> SEAC-2 meeting held on 7/02/2019 and made available on website in public domain under 'Public Document of ec website (ec.mpcb.in). Accordingly, PP submitted the EIA which was taken on record.

During the meeting it is noted that the EIA submitted is not as per accorded ToR. Committee noted that Project details like list of all directors etc not mentioned also Assessment of Environmental Damages & Calculation of cost of remediation plan and natural &

community resource augmentation plan was not calculated considering the total

| community resource  | <u>augmentation plan was not calcula</u>   | teu comsi | ucing the total           |
|---------------------|--|-----------|---------------------------|
|                     | consultant also not prepared to pr         | esent & c |                           |
| Mann                |  |           | (M. M. Adlani)            |
| Mr. Surykant Nikam  | SEAC Meeting No: 95 Meeting Date: April 8, |           | Shri M.M.Adtani (Chairman |
| (Secretary SEAC-II) | 2019                                       | of 111    | SEAC-II)                  |

#### **DECISION OF SEAC**

In view of above, the proposal is deferred and shall be considered afresh only after the compliance of above observations.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

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

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SEAC Meeting No: 95 Meeting Date: April 8,

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(M.M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)

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#### Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

#### SEAC Meeting number: 95 Meeting Date April 8, 2019

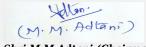
**Subject:** Environment Clearance for Proposed redevelopment under Slum Rehabilitation Scheme on plot bearing C.T.S. No.230, 231 & 232 of village- Malad, Near Mittal College, Malad [west], Mumbai by M/s. Sheth Creators & Sun Vision Pvt. Ltd.

**Is a Violation Case:** No

| 1. Name of Project   | is a violation case: No  |   |  |  |  |
|--|--|---|--|--|--|
| 3.Name of Project Proponent         Mr. Jitendra N. Sheth; Ms. Sheth Creators & Sun Vision Pvt. Ltd.           4.Name of Consultant         Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.           5.Type of project         SAR Scheme Project           6.New project(Expansion in existing project Unodernization/diversification, whether environmental clearance has been obtained for existing project         Redevelopment Project           8.Location of the project         Alp blo bearing C.T.S. No.230, 231 & 232 of village-Malad, Near Mittal College, Malad [west], Mumbai           9.Taluka         Malad           10.Village         Malad           Correspondence Name:         Mr. Jitendra N. Sheth; Ms. Sheth Creators & Sun Vision Pvt. Ltd.           Room Number:         1st Floor           Building Name:         1st Floor           Building Name:         Sheela Niwas           Road/Street Name:         Opp. Parles/Hwar P. O. Parajago * A' Scheme, Road No. 1           Locality         Vile Parle (E)           11.Area of the project         Mumbai 57           12.10D/IOA/Concession/Plan Approval Number:         SALE BUILDING: P. MyPriyO.33/16/98/10/15/APS Dated: On/O.3/20/18 REHAB BUILDING: SRA/ENG/2653/PN/PL/AP Parles* (E)           13.Note on the initiated work (If applicable)         SAPPYO.33/16/98/10/15/APS Dated: On/O.3/20/18 REHAB BUILDING: SRA/ENG/2653/PN/PL/AD Parles* (E)           14.LOI / NOC / IOD from MBADA/ Other approval Number (  | 1.Name of Project  | proposed redevelopment under Slum Rehabilitation Scheme.                          |  |  |  |
| A.Name of Consultant   Dr. D. A. Patil: Mahabal Enviro Engg. Pvt. Ltd.   | 2.Type of institution  | Private   |  |  |  |
| 5.Type of project         SRA Scheme Project           6. New project/texpansion in existing project/mortization/functisational in existing project         Redevelopment Project           7. He synansion/diversification, whether environmental clearance has been obtained for existing project         An A           8. Location of the project         At plot bearing C.T.S. No.230, 231 & 232 of village- Malad. Near Mittal College, Malad (west), Mumbai           9. Taluka         Malad (W)           10. Village         Malad           Correspondence Name:         Mr. Jitendra N. Sheth; M/s. Sheth Creators & Sun Vision Pvt. Ltd.           Room Number:         I           Floor:         1st Floor           Building Name:         Sheela Niwas           Road/Street Name:         Opp. Parleshwar P. O. Paranjape 'A' Scheme, Road No. 1           Locality:         Vile Parle (E)           City:         Mumbai 57           1.1. Area of the project         Municipal Corporation of Greater Mumbai (MCGM)           1.D. Rocefred         Municipal Corporation of Greater Mumbai (MCGM)           1.1. Op/O/On/Concession/Plan Approval Number:         SAFE PROJECT Scheme, Road No. 1           1.1. Op/On/Concession/Plan Approval Scheme, Road No. 1         Parlor of Approval Scheme, Road No. 1           1.1. Op/On/Concession/Plan Approval Number:         SAFEN FOR Concession/Plan Approval Number: SAFE BUILDING: SRA/ENG/26  | 3.Name of Project Proponent                                    | Mr. Jitendra N. Sheth; M/s. Sheth Creators & Sun Vision Pvt. Ltd.                 |  |  |  |
| See New project/expansion in existing project in existing projec   | 4.Name of Consultant   | Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.                                   |  |  |  |
| Redevelopment Project   Redevelopment Redevelopment Project   Redevelopment Redevelopm   | 5.Type of project  | SRA Scheme Project  |  |  |  |
| whether environmental clearance<br>has been obtained for existingsNA8. Location of the projectAt plot bearing C.T.S. No.230, 231 & 232 of village- Malad, Near Mittal College, Malad [west],<br>Mumbal9. TalukaMalad (W)10. VillageMalad (W)Correspondence Name:Mr. Jitendra N. Sheth; M/s. Sheth Creators N. Sun Vision Pvt. Ltd.Room Number:   | project/modernization/diversification                          | Redevelopment Project   |  |  |  |
| Numbai   Mumbai  | whether environmental clearance has been obtained for existing | NA  |  |  |  |
| No Nilage   Malad     Correspondence Name:   Mr. Jitendra N. Sheth; M/s. Sheth Creators & Sun Vision Pvt. Ltd.     Room Number:   Sheela Niwas     Road/Street Name:   Opp. Parleshwar P. O. Paranjapé 'A' Scheme, Road No. 1     Locality:   Vile Parle (E)     City:   Mumbais 57     Larea of the project   Municipal Corporation of Greater Mumbai (MCGM)     Lood No  | 8.Location of the project                                      |   |  |  |  |
| Correspondence Name:         Mr. Jitendra N. Sheth; M/s. Sheth Creators & Sun Vision Pvt. Ltd.           Room Number:         1st Floor           Floor:         1st Floor           Building Name:         Sheela Niwas           Road/Street Name:         Opp. Parleshwar P. O. Paranjape 'A' Scheme, Road No. 1           Locality:         Vile Parle (E)           City:         Mumbai 57           11.Area of the project         Municipal Corporation of Greater Mumbai (MCGM)           10D Regerved         IOD/IOA/Concession/Plan Approval Number: SALE BUILDING: P. NyFY/10030/9991015/AP/S Dated:-01/02/2018 REHAB BUILDING: SRA/ENG/2653/PN/PL/AP Dated:-01/03/2018           13.Note on the initiated work (If applicable)         No work started           14.LOI / NOC / IOD from MHADA/Other approvals (If applicable)         SRA/ENG/423/PN/PL/LOI dt18/07/2017           15.Total Plot Area (sq. m.)         8,591.00 m2           16.Deductions         595 m2           17.Net Plot area         7,996.00 m2           18 (a).Proposed Built-up Area (FS) & Non-FSI area (sq. m.): 25,041.03 m2         Non-FSI area (sq. m.): 42919.73 m2           Non-FSI area (sq. m.): 67960.76         Approved FSI area (sq. m.): 48919.73 m2           10 Total BUA area (sq. m.): 67960.76         Approved FSI area (sq. m.): 1894.31 m2           Approved FSI area (sq. m.): 1894.31 m2         Approved FSI area (sq. m.): 40004.00 m2 <th>9.Taluka</th> <th>Malad (W)</th>  | 9.Taluka   | Malad (W)   |  |  |  |
| Room Number:   Stella Niwas   Sheela Niwas   Sheela Niwas   Opp. Parleshwar P. O. Paranjape 'A' Scheme, Road No. 1     Cocality:   Vile Parle (E)   Mumbai 57     Larao of the project   Mumbai 57     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Copy Parleshwar P. O. Paranjape 'A' Scheme, Road No. 1     Larao of the project   Mumbai 57     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of the project   Municipal Corporation of Greater Mumbai (MCGM)     Larao of Humbai (MCGM)   Municipal Corporation of Greater Mumbai (MCGM)     Larao of Humbai (MCGM)   Municipal Corporation of Greater Mumbai (MCGM)     Larao of Humbai (MCGM)   Municipal Corporation of Greater Mumbai (MCGM)     Larao of Municipal Corporation of Greater Mumbai (MCGM)     Larao of Municipal Corporation of Greater Mumbai (MCGM)     Larao of Humbai (MCGM)   Municipal Corporation of Greater Mumbai (MCGM)     Larao of Humbai (MCGM)   Municipal Corporation of Greater Mumbai (MCGM)     Larao of Humbai (MCGM)   Municipa   | 10.Village   | Malad   |  |  |  |
| Ist Floor   Sheela Niwas   Sheela Niwas   Opp. Parleshwar P. O. Paranjape' A' Scheme, Road No. 1   | Correspondence Name:   | Mr. Jitendra N. Sheth; M/s. Sheth Creators & Sun Vision Pvt. Ltd.                 |  |  |  |
| Sheela Niwas   Opp. Parleshwar P. O. Paranjape 'A' Scheme, Road No. 1  | Room Number:   | -   |  |  |  |
| Road/Street Name:Opp. Parleshwar P. O. Paranjape 'A' Scheme, Road No. 1Locality:Vile Parle (E)City:Mumbai 571. Area of the projectMunicipal Corporation of Greater Mumbai (MCGM)1. Approval NumberIOD Received 10/10/A/Concession/Plan Approval Number: SALE BUILDING: PN/PVT/0030/19991015/AP/S Dated:-01/02/2018 REHAB BUILDING: SRA/ENG/2653/PN/PL/AP Dated:-10/03/201813. Note on the initiated work (If applicable)No work started14. LOI / NOC / IOD from MHADA/Other approvals (If applicable)SRA/ENG/423/PN/PL/LOI dt18/07/201715. Total Plot Area (sq. m.)3591.00 m216. Deductions595 m217. Net Plot area7,996.00 m218 (a). Proposed Built-up Area (FSI & Non-FSI)7,996.00 m218 (b). Approved Built up area as per DCRApproved FSI area (sq. m.): 42919.73 m2<br>o) Total BUA area (sq. m.): 67960.7618 (b). Approved Built up area as per DCRApproved FSI area (sq. m.): 18894.31 m219. Total ground coverage (m2)Approved FSI area (sq. m.): 40004.00 m219. Total ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)38.19%   | Floor:   | 1st Floor   |  |  |  |
| Locality:         Vile Parle (E)           City:         Mumbai 57           1.Area of the project         Municipal Corporation of Greater Mumbai (MCGM)           12.10D/IOA/Concession/Plan Approval Number:         IOD Received           10D/IOA/Concession/Plan Approval Number:         SALE BUILDING: P-N/PVT/0030/19991015/AP/S Dated:-01/02/2018 REHAB BUILDING: SRA/ENG/2653/PN/PL/AP Dated: -10/03/2018           13.Note on the initiated work (If applicable)         No work started           14.LOI / NOC / IOD from MHADA/Other approvals (If applicable)         SRA/ENG/423/PN/PL/LOI dt18/07/2017           15.Total Plot Area (6q. m.)         8,591.00 m2           16.Deductions         595 m2           17.Net Plot area         7,996.00 m2           18 (a).Proposed Built-up Area (FSI & Pope of Starea (sq. m.): 25,041.03 m2         D) Non FSI area (sq. m.): 42919.73 m2           10 Total BUA area (sq. m.): 67960.76         Approved FSI area (sq. m.): 42919.73 m2           10 Total BUA area (sq. m.): 18894.31 m2         Approved Non FSI area (sq. m.): 40004.00 m2         Date of Approval: 01-02-2018           19.Total ground coverage (m2)         3281.12 m2           20.Ground-coverage Percentage (b) (Note: Percentage of plot not open to sky)         38.19%  | Building Name:   | Sheela Niwas  |  |  |  |
| City:Mumbai 5711.Area of the projectMunicipal Corporation of Greater Mumbai (MCGM)12.10D/IOA/Concession/Plan Approval Number:IOD Regerved13.Note on the initiated work (If applicable)No work started14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)SRA/ENG/423/PN/PL/LOI dt18/07/201715.Total Plot Area (sq. m.)8,591.00 m216.Deductions595 m217.Net Plot area7,996.00 m218 (a).Proposed Built-up Area (FSI)a) FSI area (sq. m.): 25,041.03 m218 (b).Approved Built up area as por DCRb) Non FSI area (sq. m.): 42919.73 m2<br>c) Total BUA area (sq. m.): 42919.73 m2<br>c) Total BUA area (sq. m.): 42919.73 m2<br>c) Total BUA area (sq. m.): 4394.31 m219.Total ground coverage (m2)3281.12 m220.Ground-coverage Percentage (%) Note: Percentage of plot not open to sky)381.9%  | Road/Street Name:  | Opp. Parleshwar P. O. Paranjape ' A' Scheme, Road No. 1                           |  |  |  |
| 11.Area of the project Municipal Corporation of Greater Mumbai (MCGM)  12.IOD/IOA/Concession/Plan Approval Number: SALE BUILDING: P-M/PVT/0030/19991015/AP/S Dated:-01/02/2018 REHAB BUILDING: SRA/ENG/2653/PN/PL/AP Dated:: 10/03/2018  13.Note on the initiated work (If applicable)  14.LOI / NOC / IOD from MHADDA/ Other approvals (If applicable)  15.Total Plot Area (sq. m.)  15.Total Plot Area (sq. m.)  18 (a).Proposed Built-up Area (FS) & Non FSI area (sq. m.): 25,041.03 m2  18 (b).Approved Built up Area (sq. m.)  18 (b).Approved Built up area as per DCR  19.Total ground coverage (m2)  20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)  Augusta (Sq. m.) (S | Locality:  | Vile Parle (E)  |  |  |  |
| IOD Received   IOD/IOA/Concession/Plan Approval Number: SALE BUILDING: P-N/PVT/0030/19991015/AP/S Dated:-01/02/2018 REHAB BUILDING: SRA/ENG/2653/PN/PL/AP Dated': 10/03/2018   Approved Built-up Area: 58898.31     13.Note on the initiated work (If applicable)  | City:  | Mumbai 57   |  |  |  |
| Top/IoA/Concession/Plan   Approval Number: SALE BUILDING: P-N/PVT/0030/1991015/AP/S Dated:-01/02/2018 REHAB BUILDING: SRA/ENG/2653/PN/PL/AP Dated: 10/03/2018   Approved Built-up Area: 58898.31   | 11.Area of the project   | Municipal Corporation of Greater Mumbai (MCGM)                                    |  |  |  |
| NPVTI/0030/f9991015/AP/S Dated:-01/02/2018 REHAB BUILDING: SRA/ENG/2653/PN/PL/AP Dated: 10/03/2018   Approved Built-up Area: 58898.31  |  | IOD Received  |  |  |  |
| 13.Note on the initiated work (If applicable)No work started14.LOI / NOC / IOD from MHADA) Other approvals (If applicable)SRA/ENG/423/PN/PL/LOI dt18/07/201715.Total Plot Area (sq. m.)8,591.00 m216.Deductions595 m217.Net Plot area7,996.00 m218 (a).Proposed Built-up Area (FSI & Non-FSI)a) FSI area (sq. m.): 25,041.03 m2b) Non FSI area (sq. m.): 42919.73 m2c) Total BUA area (sq. m.): 67960.76Approved FSI area (sq. m.): 18894.31 m2Approved Non FSI area (sq. m.): 40004.00 m2Date of Approval: 01-02-201819.Total ground coverage (m2)3281.12 m220.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)38.19%  |  | N/PVT/0030/19991015/AP/S Dated:-01/02/2018 REHAB BUILDING : SRA/ENG/2653/PN/PL/AP |  |  |  |
| ALOI / NOC / IOD from MHADA / Other approvals (If applicable)   SRA/ENG/423/PN/PL/LOI dt18/07/2017     15.Total Plot Area (sq. m.)   8,591.00 m2     16.Deductions   595 m2     17.Net Plot area   7,996.00 m2     18 (a).Proposed Built-up Area (FSI & Discontinuo)   Discontinuo   Dis   |  | Approved Built-up Area: 58898.31  |  |  |  |
| Other approvals (If applicable)         \$\$NAPENGAES/FN/FELIOI dita/07/2017           15.Total Plot Area (sq. m.)         8,591.00 m2           17.Net Plot area         7,996.00 m2           18 (a).Proposed Built-up Area (FSI) Non-FSI)         a) FSI area (sq. m.): 25,041.03 m2           b) Non FSI area (sq. m.): 42919.73 m2         c) Total BUA area (sq. m.): 67960.76           Approved FSI area (sq. m.): 18894.31 m2         Approved Non FSI area (sq. m.): 40004.00 m2           19.Total ground coverage (m2)         3281.12 m2           20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)         38.19%  |  | No work started   |  |  |  |
| 16.Deductions       595 m2         17.Net Plot area       7,996.00 m2         18 (a).Proposed Built-up Area (FSI & Non-FSI)       a) FSI area (sq. m.): 25,041.03 m2         b) Non FSI area (sq. m.): 42919.73 m2       c) Total BUA area (sq. m.): 67960.76         18 (b).Approved Built up area as per DCR       Approved FSI area (sq. m.): 18894.31 m2         Approved Non FSI area (sq. m.): 40004.00 m2       Date of Approval: 01-02-2018         19.Total ground coverage Percentage (%) (Note: Percentage of plot not open to sky)       38.19%  |  | SRA/ENG/423/PN/PL/LOI dt18/07/2017  |  |  |  |
| 17.Net Plot area       7,996.00 m2         18 (a).Proposed Built-up Area (FSI & Non-FSI)       a) FSI area (sq. m.): 25,041.03 m2         b) Non FSI area (sq. m.): 42919.73 m2       c) Total BUA area (sq. m.): 67960.76         Approved FSI area (sq. m.): 18894.31 m2       Approved Non FSI area (sq. m.): 40004.00 m2         Date of Approval: 01-02-2018       3281.12 m2         20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)       38.19%   | 15.Total Plot Area (sq. m.)                                    | 8,591.00 m2   |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 25,041.03 m2  b) Non FSI area (sq. m.): 42919.73 m2 c) Total BUA area (sq. m.): 67960.76  Approved FSI area (sq. m.): 18894.31 m2  Approved Non FSI area (sq. m.): 40004.00 m2  Date of Approval: 01-02-2018  19.Total ground coverage (m2)  20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)  38.19%   | 16.Deductions  | 595 m2  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)         b) Non FSI area (sq. m.): 42919.73 m2         c) Total BUA area (sq. m.): 67960.76         Approved FSI area (sq. m.): 18894.31 m2         Approved Non FSI area (sq. m.): 40004.00 m2         Date of Approval: 01-02-2018         19.Total ground coverage (m2)       3281.12 m2         20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)       38.19%   | 17.Net Plot area   | 7,996.00 m2   |  |  |  |
| Non-FSI   Si Non-FSI area (sq. m.): 42919.73 m2  | 10 (a) Proposed Position Area (FOLC                            | a) FSI area (sq. m.): 25,041.03 m2  |  |  |  |
| c) Total BUA area (sq. m.): 67960.76  Approved FSI area (sq. m.): 18894.31 m2  Approved Non FSI area (sq. m.): 40004.00 m2  Date of Approval: 01-02-2018  20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)    State  |  | <b>b) Non FSI area (sq. m.):</b> 42919.73 m2                                      |  |  |  |
| 18 (b).Approved Built up area as per DCR  Approved Non FSI area (sq. m.): 40004.00 m2  Date of Approval: 01-02-2018  19.Total ground coverage (m2)  20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)  38.19%   | ŕ  | c) Total BUA area (sq. m.): 67960.76  |  |  |  |
| Date of Approval: 01-02-2018  19.Total ground coverage (m2)  20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)  Approved Non FSI area (sq. m.): 40004.00 m2  Date of Approval: 01-02-2018  3281.12 m2  38.19%   |  | Approved FSI area (sq. m.): 18894.31 m2   |  |  |  |
| 19.Total ground coverage (m2)3281.12 m220.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)38.19%  |  | Approved Non FSI area (sq. m.): 40004.00 m2                                       |  |  |  |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)  38.19%   |  | <b>Date of Approval:</b> 01-02-2018   |  |  |  |
| (Note: Percentage of plot not open to sky)  38.19%   | 19.Total ground coverage (m2)                                  | 3281.12 m2  |  |  |  |
| 21.Estimated cost of the project 1830000000  | (Note: Percentage of plot not open                             | 38.19%  |  |  |  |
|  | 21.Estimated cost of the project                               | 1830000000  |  |  |  |

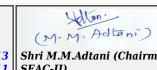


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|   | 2                              | 2. <b>Num</b> | ber of l                            | ouildin  | gs & its con                  | figur | ation                      |  |
|---|--------------------------------|---------------|-------------------------------------|--|-------------------------------|-------|----------------------------|--|
| Serial<br>number  | Buildin                        | ng Name & 1   | number                              | Nu   | mber of floors                | Hei   | ght of the building (Mtrs) |  |
| 1   | • SALE BLDG                    |               |                                     | B + G + 1ST TO 9TH PODIUM +<br>10 PODIUM ( ECO DECK ) +1ST<br>TO 28TH + 29TH ( PART )<br>RESIDENTIAL FLOOR |                               |       | 128.25 m                   |  |
| 2   | • REHA                         | B PROPOSE     | D BLDG                              | S + G + 1  | ST TO 18TH + 19Th<br>PART& UP | Н     | 59.45 m                    |  |
| 3   | • SC                           | HOOL BUILI    | DING                                | Gr.+1  | ST TO 7TH FLOOR               |       | 29.10 m                    |  |
| 4   | • HO                           | SPITAL BUIL   | DING                                | Gr.+19   | T TO 14TH FLOOR               |       | 54.00 m                    |  |
| 23.Number of Flats (Sale Bldg.): 164 N<br>Flats (Rehab Bldg.): 175 School area: 2,157.14 m<br>Hospital (beds): 150 Nos  |                                |               | Nos.<br>12.                         |  | •                             | 00    |                            |  |
| 24.Number<br>expected rusers  |                                | Population:   | 3,244 Nos.                          |  |                               |       | 2                          |  |
| 25.Tenant density<br>per hectare 424/H  |                                |               | 24/Ha                               |  |                               |       |                            |  |
| 26.Height of the building(s)  |                                |               |                                     |  |                               |       |                            |  |
| 27.Right of (Width of the from the notation to the proposed has been station to the from the | the road<br>earest fire<br>the | 18.30 m wid   | 18.30 m wide DP road                |  |                               |       |                            |  |
| 28.Turning<br>for easy ac<br>fire tender<br>movement<br>around the<br>excluding<br>for the pla  | from all building the width    | 9 m           | , (i                                |  |                               |       |                            |  |
| 29.Existing structure (s) if any Slums are present on site  |                                |               |                                     |  |                               |       |                            |  |
| 30.Details of the demolition with disposal (If applicable)  |                                |               | Partly Demolished as per phase plan |  |                               |       |                            |  |
|   |                                |               | 31.P                                | roduct   | ion Details                   |       |                            |  |
| Serial<br>Number  | Pro                            | duct          | Existing                            | (MT/M)   | Proposed (MT/M                | 1)    | Total (MT/M)               |  |
| 1   | Not ap                         | plicable      | Not app                             | olicable   | Not applicable                |       | Not applicable             |  |
|   |                                | 3             | 2.Tota                              | l Wate   | r Requirem                    | ent   |                            |  |

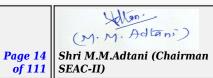




|                                    | Source of v                       | water             | MCGM              |                   |                   |                   |                   |                   |  |
|------------------------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
|                                    | Fresh water                       |                   | 242 KLD           |                   |                   |                   |                   |                   |  |
|                                    | Recycled w                        | vater -           | 131 KLD           |                   |                   |                   |                   |                   |  |
|                                    | Recycled w<br>Gardening           |                   | 3 KLD             |                   |                   |                   |                   |                   |  |
|                                    | Swimming make up (                |                   | NA                |                   |                   |                   |                   |                   |  |
| Dry season:                        | Total Wate<br>Requirement:        |                   | 373 KLD           |                   |                   |                   |                   |                   |  |
|                                    | Fire fighting Undergrow tank(CMD) | nd water          | As per CFO        | NOC               |                   |                   | .0                |                   |  |
|                                    | Fire fighting Overhead vank(CMD)  | water             | As per CFO NOC    |                   |                   |                   |                   |                   |  |
|                                    | Excess trea                       | ated water        | 211 KLD           |                   |                   |                   |                   |                   |  |
|                                    | Source of                         | water             | MCGM +RV          | WH                |                   |                   |                   |                   |  |
|                                    | Fresh water                       | er (CMD):         | 214 KLD           |                   |                   |                   |                   |                   |  |
|                                    | Recycled w<br>Flushing (          |                   | 131 KLD           |                   | 0                 |                   |                   |                   |  |
|                                    | Recycled w<br>Gardening           |                   | Nil               |                   |                   |                   |                   |                   |  |
|                                    | Swimming<br>make up (             |                   | NA                |                   |                   |                   |                   |                   |  |
| Wet season:                        | Total Wate<br>Requirement:        |                   | 373 KLD           |                   |                   |                   |                   |                   |  |
|                                    | Fire fighting Undergrow tank(CMD) | nd water          | As per CFO        | NOC               |                   |                   |                   |                   |  |
|                                    | Fire fighting Overhead tank(CMD)  | water             | As per CFO NOC    |                   |                   |                   |                   |                   |  |
|                                    | Excess trea                       | ated water        | 214 KLD           |                   |                   |                   |                   |                   |  |
| Details of Swimming pool (If any)  | -C'                               | <b>Y</b>          |                   |                   |                   |                   |                   |                   |  |
| 33.Details of Total water consumed |                                   |                   |                   |                   |                   |                   |                   |                   |  |
| Particula rs Con                   | Consumption (CMD)                 |                   |                   | Loss (CMD)        |                   | Ef                | fluent (CM        | D)                |  |
| Water<br>Require<br>ment Existing  | Proposed                          | Total             | Existing          | Proposed          | Total             | Existing          | Proposed          | Total             |  |
| Domestic Not applicable            | Not applicable                    | Not<br>applicable |  |



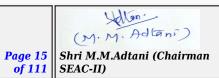




|  | Level of the Ground water table:           | 2-3 m   |  |  |  |
|--|--|---|--|--|--|
|  | Size and no of RWH tank(s) and Quantity:   | 3 RWH tanks of total 60 m3 capacity   |  |  |  |
|  | Location of the RWH tank(s):               | Underground   |  |  |  |
| 34.Rain Water<br>Harvesting                        | Quantity of recharge pits:                 | NA  |  |  |  |
| (RWH)  | Size of recharge pits :                    | NA  |  |  |  |
|  | Budgetary allocation<br>(Capital cost) :   | Rs. 14 Lakh   |  |  |  |
|  | Budgetary allocation (O & M cost) :        | Rs. 1 Lakh/yr   |  |  |  |
|  | Details of UGT tanks if any:               | Underground   |  |  |  |
|  |  |   |  |  |  |
|  | Natural water drainage pattern:            | Towards East side of the plot   |  |  |  |
| 35.Storm water drainage                            | Quantity of storm water:                   | 988.98 m3/hr  |  |  |  |
|  | Size of SWD:                               | 600 mm x 600 mm   |  |  |  |
|  |  |   |  |  |  |
|  | Sewage generation in KLD:                  | 349 KLD   |  |  |  |
|  | STP technology:                            | MBBR Technology   |  |  |  |
| Cowago and   | Capacity of STP (CMD):                     | Total: 365 KLD  |  |  |  |
| Sewage and<br>Waste water                          | Location & area of the STP:                | Below Ground ; Total area: 375 m2   |  |  |  |
|  | Budgetary allocation (Capital cost):       | Rs. 87 Lakh   |  |  |  |
|  | Budgetary allocation (O & M cost):         | Rs. 20 Lakh/yr  |  |  |  |
|  | 36.Solid                                   | d waste Management  |  |  |  |
| Waste generation in                                | Waste generation:                          | Construction debris : 1,973 m3  |  |  |  |
| 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 and site levelling. The construction debris will be disposed as per the "Construction and Demolition and Desilting Waste (Management and Disposal) Rules 2016. |  |  |  |
|  | Dry waste:                                 | 481 kg/d  |  |  |  |
|  | Wet waste:                                 | 721 kg/d  |  |  |  |
| Wasta gamawatian                                   | Hazardous waste:                           | Used Oil from DG  |  |  |  |
| Waste generation in the operation Phase:           | Biomedical waste (If applicable):          | 75 kg/day   |  |  |  |
| _ 111001   | STP Sludge (Dry sludge):                   | 3 m3/day  |  |  |  |
|  | Others if any:                             | Household E-Waste Generation  |  |  |  |
|  |  |   |  |  |  |



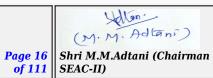




|                          |                            | Dry waste:                        |                            | Dry garbag                                   | e will be  | disp   | posed off to r                        | recyclers                   |                                     |  |  |
|--------------------------|----------------------------|-----------------------------------|----------------------------|--|--|--------|---------------------------------------|-----------------------------|-------------------------------------|--|--|
|                          |                            |                                   | :                          |  | Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping. |        |                                       |                             |                                     |  |  |
| 3.5 1 CD: 1              |                            | Hazardous                         | waste:                     | Will be han                                  | Will be handed over to authorized recyclers  |        |                                       |                             |                                     |  |  |
| Mode of I of waste:      | Mode of Disposal Bion app. |                                   | l waste (If<br>):          | l .  |  |        | MPCB & MC<br>e Handling r             |                             | zed vendor for disposal             |  |  |
|                          |                            | STP Sludg sludge):                | e (Dry                     | Sludge use                                   | as manu  | are fo | or gardening                          |                             |                                     |  |  |
|                          |                            | Others if a                       | ny:                        | The E-wast                                   |  |        |                                       | e-waste ma                  | nagement vendor                     |  |  |
|                          |                            | Location(s                        | ):                         | On Ground                                    |  |        |                                       |                             |                                     |  |  |
| Area<br>requirem         | ent:                       | Area for the of waste & material: |                            | Total: 100 r                                 | n2   |        |                                       |                             | ,0)                                 |  |  |
|                          |                            | Area for m                        | achinery:                  | 30 m2  |  |        |                                       |                             |                                     |  |  |
| Budgetary                |                            | Capital cos                       | st:                        | Rs. 40 Lakh                                  | 1  |        |                                       |                             | <b>&gt;</b>                         |  |  |
| (Capital co<br>O&M cost) |                            | O & M cos                         | t:                         | Rs. 26 Lakh                                  | n/yr   |        |                                       |                             |                                     |  |  |
|                          |                            |                                   | 37.E                       | fluent C                                     | harect   | ter    | estics                                |                             |                                     |  |  |
| Serial<br>Number         | Paran                      | neters                            | Unit                       | Inlet E<br>Charect                           | affluent<br>terestics  |        | Outlet I<br>Charect                   | Effluent<br>erestics        | Effluent discharge standards (MPCB) |  |  |
| 1                        | Not app                    | plicable                          | Not<br>applicable          | Not ap                                       | plicable   | C      | Not applicable                        |                             | Not applicable                      |  |  |
| Amount of e (CMD):       | effluent gene              | eration                           | Not applica                | applicable                                   |  |        |                                       |                             |                                     |  |  |
| Capacity of              | the ETP:                   |                                   | Not applica                | applicable                                   |  |        |                                       |                             |                                     |  |  |
| Amount of trecycled:     | reated efflue              | ent                               | Not applica                | applicable                                   |  |        |                                       |                             |                                     |  |  |
|                          | vater send to              |                                   |                            | applicable                                   |  |        |                                       |                             |                                     |  |  |
|                          | o of CETP (if              |                                   | Not applica                |  |  |        |                                       |                             |                                     |  |  |
|                          | P technology               |                                   | Not applied                |  |  |        |                                       |                             |                                     |  |  |
| Disposal of              | the ETP sluc               | ige                               | Not applica                |  | <b>TA</b> 70.04  | 0 D    | otails                                |                             |                                     |  |  |
| C1                       |                            |                                   | 38.H                       | azardous                                     | wast   | e D    | etalis                                |                             |                                     |  |  |
| Serial<br>Number         | Descr                      | iption                            | Cat                        | UOM  | Existi   | ng     | Proposed                              | Total                       | Method of Disposal                  |  |  |
| 1                        | Not app                    | olicable                          | Not<br>applicable          | Not<br>applicable                            | Not<br>applica   |        | Not<br>applicable                     | Not applicable              | Not applicable                      |  |  |
|                          | CV                         |                                   | 39.S                       | tacks em                                     | ission   | n De   | etails                                |                             |                                     |  |  |
| Serial<br>Number         | Section                    | & units                           | Fuel Used with<br>Quantity |  | Stack 1  | No.    | Height<br>from<br>ground<br>level (m) | Internal<br>diameter<br>(m) | Temp. of Exhaust<br>Gases           |  |  |
| 1                        | Not app                    | olicable                          | Not ap                     | plicable                                     | Not<br>applica   |        | Not<br>applicable                     | Not<br>applicable           | Not applicable                      |  |  |
|                          |                            |                                   | 40.De                      | tails of <b>F</b>                            | uel to   | o be   | used                                  |                             |                                     |  |  |
| Serial<br>Number         | Тур                        | e of Fuel                         |                            | Existing                                     | Existing Proposed  |        |                                       | Total                       |                                     |  |  |
| 1                        | Not                        | applicable                        | ]                          | Not applicable Not applicable Not applicable |  |        |                                       |                             |                                     |  |  |
| 41.Source                | f Fuel                     |                                   | Not a                      | applicable                                   |  |        |                                       |                             |                                     |  |  |
|                          |                            |                                   |                            |  |  |        |                                       |                             |                                     |  |  |



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| 42.Mode of Transportation of fuel to site Not a |   | Not a | pplicable                           |
|---|---|-------|-------------------------------------|
|   |   |       |                                     |
|   | Total RG area:                          |       | Req: 645.81 m2 & Provide: 698.96 m2 |
|   | No of trees to be cut :                 |       | 3 Nos.                              |
| 43.Green Belt                                   | Number of trees to be planted :         |       | 100 Nos                             |
| Development                                     | List of proposed native trees :         |       | As mention below                    |
|   | Timeline for completion of plantation : |       | -                                   |

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

|                  | 11111umber und                  | cies to se plante | a iii tiio givalia |  |
|------------------|---------------------------------|-------------------|--------------------|--|
| Serial<br>Number | Name of the plant               | Common Name       | Quantity           | Characteristics & ecological importance  |
| 1                | Albizia lebbeck                 | Shirish           | 06                 | Shady tree, yellowish green fragrant flowers                                       |
| 2                | Azadiracta indica               | Neem              | 08                 | Large tree, good for roadside plantation   |
| 3                | Ailanthus excelsa               | Maharukh          | 08                 | Large tree, good for roadside plantation   |
| 4                | Ficus retusa                    | Nandruk           | 10                 | Shady tree, good for roadside plantation   |
| 5                | Alstonia scholaris              | Satwin            | 08                 | Shady Tree, white fragrant flowers   |
| 6                | Pongamia pinnata                | Karanj            | 06                 | Shady tree.  |
| 7                | Saraca asoka                    | Sita Ashok        | 10                 | Shady tree with red-yellow flowers.  |
| 8                | Anthocephallus<br>cadamba       | Kadamb            | 08                 | Shady, large tree, ball shaped flowers.  |
| 9                | Cassia fistula                  | Bahava            | 06                 | Medium sized deciduous tree.<br>Beautiful yellow flowers, Butterfly<br>host plant  |
| 10               | Mimusops elengi                 | Bakul             | 08                 | Shady tree, small white fragrant flowers   |
| 11               | Lagerstroemia flos-<br>regineae | Tamhan            | 10                 | State flower tree of Maharashtra<br>Medium sized tree, beautiful<br>purple flowers |
| 12               | Bauhinia racemosa               | Apta              | 06                 | Small tree with small white flowers, Butterfly host plant                          |
| 13               | Erythrina indica                | Pangara           | 06                 | Medium sized deciduous tree. Bright scarlet flowers.                               |
| 45               | 5.Total quantity of plan        | its on ground     |                    |  |

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

| Serial<br>Number | Name | C/C Distance | Area m2 |  |  |  |
|------------------|------|--------------|---------|--|--|--|
| 1                | -    | •            | -       |  |  |  |
| 47 Fnorm         |      |              |         |  |  |  |

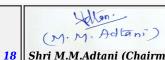




|   |  | Source of particles supply:                       | power                      | RELIANCE       | POWE   | ER                 |  |  |  |
|---|--|---|----------------------------|----------------|--|--------------------|--|--|--|
|   |  | During Cor<br>Phase: (De<br>Load)                 |                            | 200 kVA        |  |                    |  |  |  |
|   |  |   | Power<br>iring<br>on phase | 200 kVA        |  |                    |  |  |  |
| Pov   | AVO.M                                  | During Op<br>phase (Cor<br>load):                 |                            | 4.7 MW         |  |                    |  |  |  |
| require   |  | During Op<br>phase (Der<br>load):                 |                            | 1.6 MW         |  |                    |  |  |  |
|   |  | Transform   | er:                        | 1000 KVA X     | 2 Nos  | S.                 |  |  |  |
|   |  | DG set as l<br>back-up du<br>operation            | ıring                      |                | acity: Sale + Rehab:-400 KVA x 1NO School: 125 KVA<br>50 KVA x 1NO |                    |  |  |  |
|   |  | Fuel used:  |                            | HSD            |  |                    |  |  |  |
|   |  | Details of I<br>tension lin<br>through th<br>any: | e passing                  |                |  |                    |  |  |  |
|   |  | 48.Ene  | rgy savi                   | ng by no       | n-co   | nventional method: |  |  |  |
| Provision of  | solar hot w                            | ater and sola                                     |                            |                |  |                    |  |  |  |
|   |  |   |                            |                | ons  | & % of saving:     |  |  |  |
| Serial<br>Number                                      | Е                                      | nergy Cons  | ervation M                 | easures        | sasures Saving %   |                    |  |  |  |
| 1   |  | Total E   | nergy Savin                | g >20%         |  |                    |  |  |  |
|   |  | <b>50</b>   | .Details                   | of polluti     | ion (  | control Systems    |  |  |  |
| Source  | Ex                                     | isting pollu                                      | tion contro                | ol system      | system Proposed to be installed                                    |                    |  |  |  |
| Not applicable  |  | Not   | applicable                 | Not applicable |  |                    |  |  |  |
| Budgetary   |  | Capital cos                                       | st:                        | Rs. 12 lakh    |  |                    |  |  |  |
|   | (Capital cost and O&M cost:            |   | Rs. 2 lakh/yr              |                |  |                    |  |  |  |
| 51.Environmental Management plan Budgetary Allocation |  |   |                            |                |  |                    |  |  |  |
|   | a) Construction phase (with Break-up): |   |                            |                |  |                    |  |  |  |
| Serial<br>Number                                      | Attri                                  | ibutes Parai                                      |                            | meter          | neter Total Cost per annum (Rs. In L                               |                    |  |  |  |
| 1   |  | ay for dust<br>ession                             |                            | -              |  | 8                  |  |  |  |
| 2   |  | nitation<br>lets)                                 | ation _                    |                | 4  |                    |  |  |  |







| 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) | -   | 6                           |   |  |  |  |
|------------------|---|---|-----------------------------|---|--|--|--|
| 4                | Potable Water Supply to Labour Camp   | -   |                             | 6   |  |  |  |
| 5                | Health check-up & first aid   | -   |                             | 3   |  |  |  |
| 6                | Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)  | -   |                             | 12  |  |  |  |
| 7                | Traffic Management<br>(Sign Boards, Persons<br>at entry exit and<br>Parking area)   | -   |                             | 2   |  |  |  |
| 8                | Safety nets   | -   |                             | 5   |  |  |  |
| 9                | Solid Waste<br>Management & Site<br>maintenance activity  | -   | 000                         | 2   |  |  |  |
| 10               | Safety - Training to<br>Workers (Twice in<br>Year), Safety Officer  | -   |                             | 2   |  |  |  |
|                  | b   | ) Operation Phas  | e (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)  | Continuous O & M  | 87                          | 20  |  |  |  |
| 2                | Solar System  | Weekly  | 12                          | 2   |  |  |  |
| 3                | Rain Water Harvesting   | During rainy season<br>(Cleaning of RWH<br>tanks and Filtration<br>chamber) | 14                          | 1   |  |  |  |
| 4                | Solid waste<br>Composting plant   | Continuous O & M  | 40                          | 26  |  |  |  |
|                  |   |   |                             |   |  |  |  |

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

Daily

As per the CPCB

guidelines through MoEF Approved

laboratories

7



Landscape

development

Environmental

Monitoring

5

Allen!

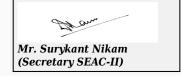
1

| <b>Description</b> Not applicable                             | Status  Not applicable  | <b>Locatio</b><br>Not applica     |                             | Storage Capacity in MT  Not Applicable  Storage at any point of time in MT  Not applicable  Maximum Ouantity of Storage at any point of time in MT |         | Consumption / Month in MT  Not applicable | Source of Supply  Not applicable | Means of transportation  Not applicable |  |  |  |  |
|---|---|-----------------------------------|-----------------------------|--|---------|---|----------------------------------|---|--|--|--|--|
|   |   | 52.A                              | ny Ot                       | her Info   | rmation | 1   | •                                | <b>'</b>                                |  |  |  |  |
| No Information Availab  | ole   |                                   |                             |  |         |   |                                  |   |  |  |  |  |
|   |   | 53.                               | Traffi                      | c Manag  | gement  |   |                                  |   |  |  |  |  |
| Nos. of the junction to the main road & design of confluence: |   |                                   | -                           |  |         |   | O Dy                             | <b>5</b>                                |  |  |  |  |
|   | basemen   | and area of<br>nt:<br>and area of |                             |  |         | 28 m2 2nd to 9t                           | h Podium fl                      | oor Area:                               |  |  |  |  |
|   | Total Pa  | Total Parking area:               |                             | 16945.33 m2  |         |   |                                  |   |  |  |  |  |
|   |   | Area per car:                     |                             | 36.05 m2   |         |   |                                  |   |  |  |  |  |
|   |   | Area per car: Number of 2-        |                             | 36.05 m2   |         |   |                                  |   |  |  |  |  |
| Parking details:  | Wheelers as approved by competent authority:  |                                   | NOT REQIRED AS PER DCR 1991 |  |         |   |                                  |   |  |  |  |  |
|   | Number<br>Wheeler<br>approve<br>compete<br>authorit   | es as<br>d by<br>ent              | 470 Nos.                    |  |         |   |                                  |   |  |  |  |  |
|   | <b>Public Transport:</b>  |                                   | -                           |  |         |   |                                  |   |  |  |  |  |
|   | Width of<br>roads (n  | f all Internal<br>n);             | 6 m                         |  |         |   |                                  |   |  |  |  |  |
|   | CRZ/ RRZ clearance obtain, if any:  |                                   | NA                          |  |         |   |                                  |   |  |  |  |  |
| S   | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries |                                   | NA                          |  |         |   |                                  |   |  |  |  |  |
|   | Category<br>schedule<br>Notifica  |                                   | 8 (a)                       |  |         |   |                                  |   |  |  |  |  |
|   | Court ca  | ses pending                       | NA                          |  |         |   |                                  |   |  |  |  |  |
|   | Other Relevant<br>Informations  |                                   | NA                          |  |         |   |                                  |   |  |  |  |  |





| Have you previously submitted Application online on MOEF Website. | No |  |  |  |  |
|---|----|--|--|--|--|
| Date of online submission   | -  |  |  |  |  |
| SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS                          |    |  |  |  |  |
| Summorised in brief information of Project as below.              |    |  |  |  |  |



Sollan.

PP was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engg. Pvt. Ltd.

PP informed that, the project under consideration is *proposed Redevelopment SRA scheme Project. PP further stated that, the total plot area of the project is 8,591.00 Sq.mt. having total construction area area 67960.76 Sq.mt. (FSI -25,041.03 sq.mt + NON FSI 42919.73 sq.mt) and the building configuration is as follow-*

| Building Name & number | Number of floors  | Height (Mtrs) |
|------------------------|---|---------------|
| SALE BLDG              | B + G + 1ST TO 9TH PODIUM + 10 PODIUM (<br>ECO DECK ) +1ST TO 28TH + 29TH ( PART )<br>RESIDENTIAL FLOOR | 128,25 m      |
| REHAB PROPOSED<br>BLDG | S + G + 1 ST TO 18TH + 19TH PART& UP  | 59.45 m       |
| SCHOOL BUILDING        | Gr.+1ST TO 7TH FLOOR  | 29.10 m       |
| HOSPITAL<br>BUILDING   | Gr.+1ST TO 14TH FLOOR   | 54.00 m       |

It is noted that the project earlier considered in 69th SEAC-2 meeting held on 11-09-2018 and deferred with important observations as to submit revised RG plan, to submit details regarding Noise Pollution control measures considering School, Hospital, to submit DP remarks. Accordingly PP Submitted the Compliance which was taken on record.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the

#### **DECISION OF SEAC**



Sollan'

#### In view of above, the proposal is deferred and shall be considered only after the compliance of above observations.

#### **Specific Conditions by SEAC:**

- 1) Some patches of RG provided by PP is less than 7.5mt width & 125 Sq.mt area as required. It is not in consonance with Hon'ble Supreme Court's Order. PP to submit the explanation in this regard & PP to provide contiguous RG on Mother Earth as per the Hon'ble Supreme Court's Order.
- 2) PP to resubmit fire tender movement plan providing clear 6 mtr drive way and 9 mtr turning radius.
- **3)** PP to submit HRC NOC.
- 4) Schools & Maternity hospital should be constructed as per the approval of Municipal Corporation.

#### FINAL RECOMMENDATION

An above.



SEAC Meeting No: 95 Meeting Date: April 8,

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(M.M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)

Sollan:

#### Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

#### SEAC Meeting number: 95 Meeting Date April 8, 2019

**Subject:** Environment Clearance for Proposed Expansion of Residential Project on plot bearing C.T.S. No. 429A, 429B, 429D, 429/1, 429/2, 421/5 of Village Deonar, off Deonar Farm Road, M/E ward Chembur, Mumbai by Tridhaatu Aranya Developers LLP

**Is a Violation Case:** No

| 13 ti violution ouse, 140  |   |  |  |  |  |  |
|--|---|--|--|--|--|--|
| 1.Name of Project  | Tridhaatu Aranya Developers LLP   |  |  |  |  |  |
| 2.Type of institution  | Private   |  |  |  |  |  |
| 3.Name of Project Proponent  | Tridhaatu Aranya Developers LLP   |  |  |  |  |  |
| 4.Name of Consultant   | Mahabal Enviro Engineers Pvt. Ltd; Dr. D. A. Patil  |  |  |  |  |  |
| 5.Type of project  | Housing project   |  |  |  |  |  |
| 6.New project/expansion in existing project/modernization/diversification in existing project          | Expansion Project   |  |  |  |  |  |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | As per our earlier sanctions dated: 16.10.2015 & 19.12.2017, Our total potential of this development was less than 20,000 m2. Due to consideration of adjacent plot, our plot potential increases, Hence this is expansion. |  |  |  |  |  |
| 8.Location of the project  | On plot bearing CTS Nos. 429A, 429B, 429D, 429/1, 429/2, 421/5 of Village Deonar, off Deonar Farm Road, M/E ward Chembur, Mumbai by Tridhaatu Aranya Developers LLP   |  |  |  |  |  |
| 9.Taluka   | Mumbai  |  |  |  |  |  |
| 10.Village   | Deonar  |  |  |  |  |  |
| Correspondence Name:   | Tridhaatu Aranya Developers LLP   |  |  |  |  |  |
| Room Number:   | 5th floor   |  |  |  |  |  |
| Floor:   | B-wing, shrikant chambers   |  |  |  |  |  |
| Building Name:   | Next to R.K.studio,   |  |  |  |  |  |
| Road/Street Name:  | Sion Trombay Rd   |  |  |  |  |  |
| Locality:  | Next to R.K.studio,   |  |  |  |  |  |
| City:  | Chembur   |  |  |  |  |  |
| 11.Area of the project   | MCGM  |  |  |  |  |  |
|  | NA  |  |  |  |  |  |
| 12.IOD/IOA/Concession/Plan<br>Approval Number  | IOD/IOA/Concession/Plan Approval Number: Plan Approved by MCGM Vide Letter No CHE/ES/1629/M/E/337(New) Dated: 19/12/2017  |  |  |  |  |  |
|  | Approved Built-up Area: 12687   |  |  |  |  |  |
| 13.Note on the initiated work (If applicable)  | As of now constructed area is 9,769.51 m2   |  |  |  |  |  |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                                      | NA  |  |  |  |  |  |
| 15.Total Plot Area (sq. m.)  | 9444.1  |  |  |  |  |  |
| 16.Deductions  | 360.9 m2  |  |  |  |  |  |
| 17.Net Plot area   | 9,083.2 m2  |  |  |  |  |  |
|  | a) FSI area (sq. m.): 28,793.73 m2  |  |  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)  |   |  |  |  |  |  |
| Ton 151)   | c) Total BUA area (sq. m.): 55988   |  |  |  |  |  |
|  | Approved FSI area (sq. m.): 5492.69 m2  |  |  |  |  |  |
| 18 (b).Approved Built up area as per DCR   | Approved Non FSI area (sq. m.): 7,194.23 m2   |  |  |  |  |  |
|  | Date of Approval: 19-12-2017  |  |  |  |  |  |
| 19.Total ground coverage (m2)  | 3000 m2   |  |  |  |  |  |
| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky)                     | 31.76 %   |  |  |  |  |  |
| 21.Estimated cost of the project   | 5660000000  |  |  |  |  |  |
|  |   |  |  |  |  |  |



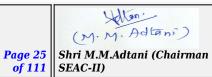
SEAC Meeting No: 95 Meeting Date: April 8, 2019

(M. M. Adtani)

Page 24 | Shri M.M.Adtani (Chairman of 111 | SEAC-II)

|  | 2                     | 2.Number of  | buildin    | gs & its confi   | guration                      |  |  |  |  |
|--|-----------------------|--|------------|--|-------------------------------|--|--|--|--|
| Serial<br>number   | Buildin               | ng Name & number   | Nu         | mber of floors   | Height of the building (Mtrs) |  |  |  |  |
| 1  | 1                     | Building No.1  |            | 2B + ST+ 1st part podium + 2nd<br>to 33rd Upper floors. 114.47 |                               |  |  |  |  |
| 2  | Ι                     | Building No. 2   | 3B + ST+ 1 | st + 23rd Upper floors.  | 78.1 m                        |  |  |  |  |
| 23.Number<br>tenants an  |                       | Total No of flats: 259 N   | los        |  |                               |  |  |  |  |
| 24.Number<br>expected r<br>users   |                       | 1,295  |            |  |                               |  |  |  |  |
| 25.Tenant<br>per hectar  | J                     | 266/Ha   |            |  |                               |  |  |  |  |
| 26.Height building(s)  |                       |  |            |  |                               |  |  |  |  |
| 27.Right of way<br>(Width of the road<br>from the nearest fire<br>station to the<br>proposed building(s)                       |                       | The proposed project is accessible by 9 m wide Lal Dutta Marg and 9 m wide Madhuban CHS Deoanar Farm Marg. |            |  |                               |  |  |  |  |
| 28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation |                       |  |            |  |                               |  |  |  |  |
| 29.Existing  |                       | NA   |            |  |                               |  |  |  |  |
| 30.Details<br>demolition<br>disposal (I<br>applicable  | with<br>f             | NA   |            |  |                               |  |  |  |  |
|  | 31.Production Details |  |            |  |                               |  |  |  |  |
| Serial<br>Number   | Pro                   | duct Existing  | g (MT/M)   | Proposed (MT/M)  | Total (MT/M)                  |  |  |  |  |
| 1  | Not ap                | plicable Not ap  | plicable   | licable Not applicable Not applicable                          |                               |  |  |  |  |
| 32.Total Water Requirement   |                       |  |            |  |                               |  |  |  |  |

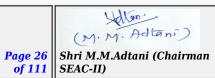




|                                |                | Source of v                             | Source of water           |                |                |                |                |                |                |  |  |  |
|--------------------------------|----------------|---|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
|                                |                |   | er (CMD):                 | 117 KLD        |                |                |                |                |                |  |  |  |
|                                |                | Recycled w<br>Flushing (                |                           | 58 KLD         |                |                |                |                |                |  |  |  |
|                                |                | Recycled w<br>Gardening                 | vater -<br>(CMD):         | 13 KLD         |                |                |                |                |                |  |  |  |
|                                |                | Swimming<br>make up (0                  |                           | 3 KLD          |                |                |                |                |                |  |  |  |
| Dry season                     | 1:             | Total Wate<br>Requireme                 |                           | 178 KLD        |                |                |                |                |                |  |  |  |
|                                |                | Fire fightin<br>Undergroutank(CMD)      | nd water                  | As per CFO     | NOC            |                |                | , 0,           |                |  |  |  |
|                                |                | Fire fightin<br>Overhead v<br>tank(CMD) | water                     | As per CFO NOC |                |                |                |                |                |  |  |  |
|                                |                | Excess trea                             | ated water                | 90 KLD         |                |                |                |                |                |  |  |  |
| Source of water                |                |   | water                     | MCGM + R       | WH             |                |                |                |                |  |  |  |
|                                |                | Fresh wate                              | er (CMD):                 | 92 KLD         |                |                |                |                |                |  |  |  |
|                                |                | Recycled w<br>Flushing (                | vater -<br>CMD):          |                |                |                |                |                |                |  |  |  |
|                                |                | Recycled w<br>Gardening                 |                           |                |                |                |                |                |                |  |  |  |
|                                |                | Swimming<br>make up (0                  |                           | 3 KLD          |                |                |                |                |                |  |  |  |
| Wet seaso                      | n:             | Total Wate<br>Requireme                 |                           | 178 KLD        |                |                |                |                |                |  |  |  |
|                                |                | Fire fighting Undergroutank(CMD)        | nd water                  | As per CFO     | NOC            |                |                |                |                |  |  |  |
|                                |                | Fire fighting Overhead vertank(CMD)     | water                     | As per CFO     | As per CFO NOC |                |                |                |                |  |  |  |
|                                |                | Excess trea                             |                           | 103 KLD        |                |                |                |                |                |  |  |  |
| Details of pool (If an         | Swimming<br>y) | -6                                      |                           |                |                |                |                |                |                |  |  |  |
|                                |                | 3                                       | 3.Detail                  | s of Tota      | l water o      | consume        | d              |                |                |  |  |  |
| Particula rs Consumption (CMD) |                |   | Loss (CMD) Effluent (CMD) |                |                |                | D)             |                |                |  |  |  |
| Water<br>Require<br>ment       | Existing       | Proposed                                | Total                     | Existing       | Proposed       | Total          | Existing       | Proposed       | Total          |  |  |  |
| Domestic                       | Not applicable | Not applicable                          | Not applicable            | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |  |  |  |







|  | Level of the Ground water table:           | Ground water table at depth of 3 to 4 m   |  |  |  |  |  |
|--|--|---|--|--|--|--|--|
|  | Size and no of RWH tank(s) and Quantity:   | RWH Tank with Capacity: 60 cu.m   |  |  |  |  |  |
|  | Location of the RWH tank(s):               | Basement  |  |  |  |  |  |
| 34.Rain Water<br>Harvesting                  | Quantity of recharge pits:                 | NA  |  |  |  |  |  |
| (RWH)  | Size of recharge pits :                    | NA  |  |  |  |  |  |
|  | Budgetary allocation (Capital cost) :      | Rs. 14 Lakh   |  |  |  |  |  |
|  | Budgetary allocation (O & M cost):         | Rs. 0.7 Lakh/year   |  |  |  |  |  |
|  | Details of UGT tanks if any :              | Basement  |  |  |  |  |  |
|  |  |   |  |  |  |  |  |
|  | Natural water drainage pattern:            | The slope of the plot is towards south side   |  |  |  |  |  |
| 35.Storm water drainage                      | Quantity of storm water:                   | The storm water generation 1,046.99 m3/ hr  |  |  |  |  |  |
|  | Size of SWD:                               | 450 and 500 mm wide internal SWD drains   |  |  |  |  |  |
|  |  |   |  |  |  |  |  |
|  | Sewage generation in KLD:                  | 163 KLD   |  |  |  |  |  |
|  | STP technology:                            | MBBR Technology   |  |  |  |  |  |
| Sewage and                                   | Capacity of STP (CMD):                     | 2 STP with the total capacity of 200 KLD (STP1 : 50 KLD, STP2: 150 KLD)   |  |  |  |  |  |
| Waste water                                  | Location & area of the STP:                | Ground, (Total Area of STP: 190 m2)   |  |  |  |  |  |
|  | Budgetary allocation (Capital cost):       | Rs. 50 Lakh   |  |  |  |  |  |
|  | Budgetary allocation (O & M cost):         | Rs. 11 Lakh/year  |  |  |  |  |  |
|  |  | d waste Management  |  |  |  |  |  |
| Waste generation in                          | Waste generation:                          | Construction debris: 1700 m3 , Basement Excavation: 3200 m3   |  |  |  |  |  |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | The construction debris waste will be disposed as per Construction debris and demolition waste management Rule 2016 |  |  |  |  |  |
|  | Dry waste:                                 | 259 kg/day  |  |  |  |  |  |
| Waste generation in the operation Phase:     | Wet waste:                                 | 389 kg/day  |  |  |  |  |  |
|  | Hazardous waste:                           | Used oil from DG  |  |  |  |  |  |
|  | Biomedical waste (If applicable):          | NA  |  |  |  |  |  |
|  | STP Sludge (Dry sludge):                   | 2 kg/day  |  |  |  |  |  |
|  | Others if any:                             | NA  |  |  |  |  |  |
|  |  |   |  |  |  |  |  |





|                          |                                  | Dry waste:                        |                            |          | Dry garbag   | e will l    | oe disp | posed off to r                        | ecycle             | ers         |                                     |
|--------------------------|----------------------------------|-----------------------------------|----------------------------|----------|--|-------------|---------|---------------------------------------|--------------------|-------------|-------------------------------------|
|                          |                                  | Wet waste                         |                            |          | Wet garbage will be composted using Mechanical Composting unit and used as organic manure for landscaping. |             |         |                                       |                    |             | l Composting unit and               |
| Mode of 1                | Mode of Disposal                 |                                   | Hazardous waste:           |          | Handed over to authorized recyclers  |             |         |                                       |                    |             |                                     |
| of waste:                |                                  | Biomedica applicable              |                            | (If      | NA   |             |         |                                       |                    |             |                                     |
|                          |                                  | STP Sludge sludge):               | e (Dry                     |          | Sludge use   | as ma       | nure fo | or gardening                          |                    |             |                                     |
|                          |                                  | Others if a                       | ny:                        |          | Household  | E-wast      | e gene  | eration                               |                    |             |                                     |
|                          |                                  | Location(s                        | ):                         |          | Ground   |             |         |                                       |                    |             |                                     |
| Area<br>requirem         | ent:                             | Area for the of waste & material: |                            |          | 40 m2  |             |         |                                       |                    |             |                                     |
|                          |                                  | Area for m                        | achiner                    | ry:      | 20 m2  |             |         |                                       |                    |             | <b>N.</b> 3                         |
| Budgetary                |                                  | Capital cos                       | st:                        |          | Rs. 16 Lakh  | 1           |         |                                       |                    |             | V                                   |
| (Capital co<br>O&M cost) |                                  | O & M cos                         | t:                         |          | Rs. 6 Lakh/  | yr          |         |                                       |                    |             |                                     |
|                          |                                  |                                   | 37.                        | .Ef      | fluent C   | hare        | cter    | estics                                |                    |             |                                     |
| Serial<br>Number         | Paran                            | neters                            | Unit                       | t        | Inlet E<br>Charect   |             |         | Outlet l<br>Charect                   |                    | -           | Effluent discharge standards (MPCB) |
| 1                        | Not ap                           | plicable                          | Not<br>applical            |          | Not ap   | plicabl     | е       | Not app                               | olicabl            | е           | Not applicable                      |
| Amount of e (CMD):       | effluent gene                    | eration                           | Not app                    | plical   | licable  |             |         |                                       |                    |             |                                     |
| Capacity of              | the ETP:                         |                                   | Not app                    | plica    | cable  |             |         |                                       |                    |             |                                     |
| Amount of t recycled :   | reated efflue                    | ent                               | Not app                    | plica    | plicable   |             |         |                                       |                    |             |                                     |
| Amount of v              | vater send to                    | o the CETP:                       | Not app                    | plica    |  |             |         |                                       |                    |             |                                     |
| Membershi                | p of CETP (if                    | frequire):                        | Not app                    | plica    |  |             |         |                                       |                    |             |                                     |
| Note on ETI              | P technology                     | to be used                        | Not app                    | <u> </u> |  |             |         |                                       |                    |             |                                     |
| Disposal of              | the ETP sluc                     | lge                               | Not app                    | plica    |  |             |         |                                       |                    |             |                                     |
|                          |                                  |                                   | 38.                        | .Ha      | zardous  | Was         | te D    | etails                                |                    |             |                                     |
| Serial<br>Number         | Descr                            | iption                            | Cat                        | ,        | UOM  | Exis        | ting    | Proposed                              | То                 | tal         | Method of Disposal                  |
| 1                        | Not app                          | plicable                          | Not<br>applical            |          | Not<br>applicable  | No<br>appli |         | Not<br>applicable                     | N<br>appli         |             | Not applicable                      |
|                          | ζì,                              |                                   | 39                         | 9.St     | acks em  | issio       | n De    | etails                                |                    |             |                                     |
| Serial<br>Number         | Section                          | & units                           | Fuel Used with<br>Quantity |          |  | Stack       | x No.   | Height<br>from<br>ground<br>level (m) | Inte<br>diam<br>(n | eter        | Temp. of Exhaust<br>Gases           |
| 1                        | Not app                          | plicable                          | Not applicable             |          | olicable   | No<br>appli |         | Not applicable ap                     |                    | ot<br>cable | Not applicable                      |
|                          | 40.Details of Fuel to be used    |                                   |                            |          |  |             |         |                                       |                    |             |                                     |
| Serial<br>Number         | Тур                              | e of Fuel                         | 1                          |          | Existing   |             |         | Proposed                              |                    |             | Total                               |
| 1                        | Not                              | applicable                        |                            | N        | ot applicabl   | е           | N       | lot applicabl                         | е                  |             | Not applicable                      |
| 41.Source o              | 41.Source of Fuel Not applicable |                                   |                            |          |  |             |         |                                       |                    |             |                                     |
| 42.Mode of               | Transportat                      | ion of fuel to                    | site N                     | Not a    | pplicable  |             |         |                                       |                    |             |                                     |
|                          |                                  |                                   |                            |          |  |             |         |                                       |                    |             |                                     |



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(M. M. Adtani) Page 28 | Shri M.M.Adtani (Chairman SEAC-II)

|                              | Total RG area:                          | Physical RG required : 2622.86 m2 RG provided on ground: 1800 m2 RG provided on provided: 822.86 m2                      |  |  |  |
|------------------------------|---|--|--|--|--|
|                              | No of trees to be cut :                 | Total no of existing trees:143 Nos Trees to be cut:12 Nos Trees to be retained: 73 Nos Trees to be transplanted: 58 Nos. |  |  |  |
| 43.Green Belt<br>Development | Number of trees to be planted :         | 113 Nos.   |  |  |  |
| Development                  | List of proposed native trees :         | Given below  |  |  |  |
|                              | Timeline for completion of plantation : | Within 2 years of completion of construction activity  |  |  |  |

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

|                  | TINTUINDET UNIC             | i iist of trees spe | cies to be pidnice | a iii tiio giodiid   |
|------------------|-----------------------------|---------------------|--------------------|--|
| Serial<br>Number | Name of the plant           | Common Name         | Quantity           | Characteristics & ecological importance  |
| 1                | ERYTHRINA INDICA            | Pangara             | 10                 | As medicinal value, Bird and insect attractive.                                  |
| 2                | LAGERSTROEMIA<br>SPECIOSA   | Tamhan              | 10                 | Edible, mature fruit as medicinal value, Bird and insect attractive.             |
| 3                | MIMUSOP ELENGI              | Bakul               | 5                  | As medicinal value, Bird and insect attractive.                                  |
| 4                | PONGAMIA PINNATA            | Karanj              | 10                 | Valued for its oil and insect repellent, having medicinal value.                 |
| 5                | SARACA INDICA               | Sita Ashok          | 10                 | As medicinal value, Bird and insect attractive.                                  |
| 6                | ANTHOCEPHALUS<br>CADAMBA    | Kadamba             | 8                  | Shady, large tree, ball shaped flowers.  |
| 7                | BAUHINIA<br>PURPUREA        | Apta                | 10                 | Small tree with small white flowers, Butterfly host plant                        |
| 8                | EUGENIA<br>JAMBOLANA        | Jambul              | 8                  | Fruit tree attracting birds  |
| 9                | MICHELIA<br>CHAMPACA        | Chafa               | 10                 | Medium sized evergreen tree,<br>fragrant yellow flowers, Butterfly<br>host plant |
| 10               | MILLINGTONIA<br>HORTENSIS   | Indian cork tree    | 10                 | Evergreen Tree   |
| 11               | NYCTANTHES ARBOR<br>TRISTIS | Parijat             | 12                 | Small deciduous fast growing tree, beautiful flowers.                            |
| 12               | POLYALTHIA<br>LONGIFOLIA    | Ashoka Tree         | 10                 | Shady tree with red-yellow flowers.  |
| 45               | 5.Total quantity of plan    | nts on ground       |                    |  |

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

| Serial<br>Number | Name      | C/C Distance | Area m2 |  |  |  |  |
|------------------|-----------|--------------|---------|--|--|--|--|
| 1                | -         | -            | -       |  |  |  |  |
|                  | 47.Energy |              |         |  |  |  |  |





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|                                       |  | Source of power supply :   | MSEDCL                                 |                    |  |  |
|---------------------------------------|--|--|--|--------------------|--|--|
|                                       |  | During Construction<br>Phase: (Demand<br>Load)   | 200 kVA                                |                    |  |  |
|                                       |  | DG set as Power<br>back-up during<br>construction phase  | 200 kVA                                |                    |  |  |
| Pov                                   | AVO.M  | During Operation phase (Connected load):   | 3.5 MW                                 |                    |  |  |
| require                               |  | During Operation phase (Demand load):  | 1.9 MW                                 |                    |  |  |
|                                       |  | Transformer:   | 1 x 1600 KVA                           |                    |  |  |
|                                       |  | DG set as Power back-up during operation phase:  | 1000 KVA                               |                    |  |  |
|                                       |  | Fuel used:   | HSD                                    |                    |  |  |
|                                       |  | Details of high<br>tension line passing<br>through the plot if<br>any:                                 | No                                     |                    |  |  |
|                                       |  | 48.Energy savi   | ng by non-co                           | nventional method: |  |  |
| Solar PV for                          | Solar PV for Hot water to Residential Buildings, Solar lighting in landscape, Open area etc. |  |  |                    |  |  |
| 49.Detail calculations & % of saving: |  |  |  |                    |  |  |
| Serial<br>Number                      | Е  | nergy Conservation Mo  | easures                                | Saving %           |  |  |
| 1                                     | firefightii  | f Energy Efficient Pumps<br>ng, UG Tanks and STP• tures (LED lights) to all t<br>energy efficient lift | Energy efficient<br>ouildings • Use of | 23.68 %            |  |  |

| 50.Details   | of pollution | control Systems  |
|--------------|--------------|------------------|
| JU. De tuils | or pomunom   | control bysteins |

| Source                                    | Ex             | <b>Existing pollution control system</b> |          |                 | Proposed to be installed |
|---|----------------|--|----------|-----------------|--------------------------|
| Not applicable                            | Not applicable |  |          | Not applicable  |                          |
| Budgetary allocation<br>(Capital cost and |                | Capit                                    | al cost: | Rs. 20 Lakh     |                          |
|   |                | 0 & 1                                    | M cost:  | Rs. 1 Lakh/year |                          |

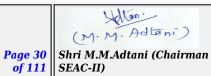
## 51. Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

| Serial<br>Number | Attributes                                   | Parameter | Total Cost per annum (Rs. In Lacs) |
|------------------|--|-----------|------------------------------------|
| 1                | Water spray for dust suppression             | -         | 4.0                                |
| 2                | Site sanitation Facility and its maintenance | -         | 6.0                                |
| 3                | Potable Water Supply<br>to Labour            | -         | 3.0                                |
| 4                | Solid waste<br>management                    | -         | 1.5                                |



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| 5                | Disinfection   | -   |                             | 1.5  |  |
|------------------|--|---|-----------------------------|--|--|
| 6                | Safety Personal<br>Protective Equipment  | (Helmets, Safety<br>Shoes, Safety Belt,<br>Googles, Hand Gloves<br>etc.)  |                             | 15   |  |
| 7                | Traffic Management<br>(Sign Boards, Persons,<br>at entry exit and<br>Parking area) | -   |                             | 2.5  |  |
| 8                | Safety nets  | -   |                             | 5  |  |
| 9                | Safety Training to<br>Workers (Twice in<br>Year), Safety Officer                   | -   |                             | 3.0  |  |
| 10               | Environmental<br>Monitoring  | (As per the CPCB guidelines through MoEF&CC Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time) |                             | 4.0  |  |
|                  | b  | ) Operation Phas  | e (with Break-up            | );   |  |
| Serial<br>Number | Component  | Description   | Capital cost Rs. In<br>Lacs | Operational and Maintenance<br>cost (Rs. in Lacs/yr) |  |
| 1                | STP (Tertiary)   | -   | 50                          | 11   |  |
| 2                | Solar System   | -   | 20                          | 1.0  |  |
| 3                | Rainwater harvesting   | -   | 14                          | 0.7  |  |
| 4                | Solid Waste<br>Composting plant  |   | 16                          | 6.0  |  |
| 5                | Landscape  | - /   | 25                          | 2.0  |  |
| 6                | Environmental<br>Monitoring  |   | -                           | 4.0  |  |
| 51.S             | storage of che   | micals (inflan<br>substa  | _                           | /e/hazardous/toxic                                   |  |
|                  |  | Substi  | Maximum                     |  |  |

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

#### **52.Any Other Information**

No Information Available

#### **53.**Traffic Management

Nos. of the junction to the main road & design of confluence:

The proposed project is accessible by 9 m wide Lal Dutta Marg and 9 m  $\,$ wide Madhuban CHS Deoanar Farm Marg



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| Number and area of basement:  | 5 Basements (Bldg 1: 2 basement & Bldg 2: 3 basement) with the total area of 13138.03 m2 $$  |
|---|--|
| Number and area of odia:  | 1 Nos of Podium 1080.34 m2   |
| Total Parking area:   | 11772.62 m2  |
| Area per car:   | 28.5 m2  |
| Area per car:   | 28.5 m2  |
| Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 2W Parking Provided: 72 Nos.   |
| Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 4W Parking Provided: 424 Nos.  |
| Public Transport:   | -  |
| Width of all Internal roads (m):  | 6 m Wide   |
| CRZ/ RRZ clearance<br>obtain, if any:   | NA   |
| Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Sanjay Gandhi National Park : 14 km approx   |
| Category as per<br>schedule of EIA<br>Notification sheet  | 8 (a)  |
| Court cases pending f any   | Not Applicable   |
| Other Relevant<br>nformations   | <u></u>  |
| Have you previously submitted Application online on MOEF Website.                                       | No   |
| Date of online<br>submission  | -  |
|   | Jumber and area of odia: Jotal Parking area: Jumber of 2- Jumber of 2- Jumber of 4- |

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC





Representative of PP was present during the meeting along with Environmental Consultant M/s. Mahabal Enviro Engineers Pvt. Ltd

PP informed that, the project under consideration is Housing *Expansion project*. *PP further stated that, the* total plot area of the project is 9444.1 Sq.mt. having total construction area area 55988Sq.mt. (FSI - 28,793.73 sq.mt + NON FSI- 27,193.78 sq.mt) and the building configuration is as follow-

| Building Name & number | Number of floors                                     | Height (Mtrs) |
|------------------------|--|---------------|
| Building No.1          | 2B + ST+ 1st part podium + 2nd to 33rd Upper floors. | 114.47 m      |
| Building No. 2         | 3B + ST+ 1st + 23rd Upper floors.                    | 78.1 m        |

During the meeting, PP could not submit the copy of acknowledgement for plans of full potential submitted to local Authority. PP has the approved plan for only Tower 1 which comprises Total built up area 32000 Sq.mt. PP to submit the copy of acknowledgement for plans of full potential or proposal can be restricted to Tower 1 i.e Total built up area 32000

Ca mt

#### **DECISION OF SEAC**

In view of above, the proposal is deferred and shall be considered only after the compliance of above observations.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

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



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(M. M. Adtani)

Shri M.M.Adtani (Chairman SEAC-II)

### Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 95 Meeting Date April 8, 2019

**Subject:** Environment Clearance for Proposed SRA project at Daulat Nagar at. F.P. NO.5(PT),6,7(PT),8 TO 15,16B(PT),107-109,18-19/28,30,31 TO 33,18-19/34- A,B,C,D,18-19/35-A,B,C,D,18-19/82,18-19/83(PT),18-19/88 TO 94,18-19/95 TO 99,18-19/100,18-19/102,18-19/104(PT),18-19/106,18-19/107,20-A(PT),B(PT),C(PT),D(PT),of TPS-VI and F.P. Nos 85B/2,86 &89 OF TPS-II at village Vile Parle(W) at Santacruz (West), Mumbai known as "Daulat Nagar".

**Is a Violation Case:** No

| 1. Name of Project   | is a violation case: No  |  |  |  |  |
|--|--|--|--|--|--|
| Mis. HDIL & Pioneer India Developers Pvt. Ltd   Mis. Enviro Analysts & Engineers Pvt. Ltd   Mis. Enviro Analysts & Engineers Pvt. Ltd   Proposed SRA project NCGM DCR 33(10).   Foreign project New project New project NCGM DCR 33(10).   New project New project New project Note    | 1.Name of Project  | Proposed SRA Project at Daulat Nagar   |  |  |  |
| M/s. Enviro Analysts & Engineers Pvt. Ltd   Proposed SRA project MCGM DCR 33(10).   Analysts & Engineers Pvt. Ltd   Proposed SRA project MCGM DCR 33(10).   Analysts & Engineers Pvt. Ltd   Proposed SRA project MCGM DCR 33(10).   Analysts & Engineers Pvt. Ltd   Proposed SRA project MCGM DCR 33(10).   Analysts project MCGM DCR 34(10).   Analysts project Project Advance Pythology DCR 34(10).   Analysts project Project Pythol   | 2.Type of institution  | Private  |  |  |  |
| Proposed SRA project MCGM DCR 33(10).   New project Expansion in existing project modernization/diversification in existing project modernization/diversification, whether environmental clearance has been obtained for existing project    Proposed SRA project MCGM DCR 33(10).   | 3.Name of Project Proponent                                    | M/s. HDIL & Pioneer India Developers Pvt. Ltd  |  |  |  |
| New project/expansion in existing project/modernizalion/diversification in existing project in existing project  | 4.Name of Consultant   | M/s. Enviro Analysts & Engineers Pvt. Ltd  |  |  |  |
| Project modernization/diversification, whether environmental clearance has been obtained for existing project    Proposed Project   Pr   | 5.Type of project  | Proposed SRA project MCGM DCR 33(10).  |  |  |  |
| hot applicable  Not applicable  P.P. NO.5(PT),6,7(PT),8 TO 15,16B(PT),107-109,1849/28,39,31 TO 33,18-19/34-A,B,C,D,18-19/35,A,B,C,D,18-19/82,18-19/83(PT),18-19/160,18-19/95 TO 99,18-19/100,18-19/102,18-19/104(PT),18-19/160,18- | project/modernization/diversification                          | New project  |  |  |  |
| A.B.C.D.18-19/35.A.B.C.D.18-19/82.II-8-19/83 [77]-18-19/88 TO 94.18-19/95 TO 99.18-19/10.018-19/10.61-819/10.61-819/10.61.81-9/10.61.9                                | whether environmental clearance has been obtained for existing | Not applicable   |  |  |  |
| Santacruz  | 8.Location of the project                                      | A,B,C,D,18-19/35-A,B,C,D,18-19/82,18-19/83(PT),18-19/88 TO 94,18-19/95 TO 99,18-19/100,18-19/102,18-19/104(PT),18-19/106,18-19/107,20-A(PT),B(PT),C(PT),D(PT),of TPS-VI and F.P. Nos 85B/2,86 &89 OF TPS-II at village Vile Parle(W) at Santacruz (West), Mumbai |  |  |  |
| M/s. HDIL & Pioner India Developers Pvt. Ltd   Room Number: 9-01 HDIL towers   9th     Building Name: HDIL towers   4nanat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba     Lacality: Ananat Kanekar   | 9.Taluka   | Santacruz  |  |  |  |
| Room Number:9-01 HDIL towersFloor:9thBuilding Name:HDIL towersRoad/Street Name:Ananat Kanekar Marg, Station Road Bandra (E), MumbaLocality:Ananat Kanekar Marg, Station Road Bandra (E), Mumba1.Area of the projectMumbaiLayout approval received dated SRA dated 09.05.200210D/IOA/Concession/Plan Approval Number:Layout approval received dated SRA dated 09.05.20023.Note on the initiated work (If applicable)3 nos of Buildings are constructed on plot D and I as per approvals received (Plot D-01,02, PLot l=SI) having construction area 16110.42 sqm4.LIOI / NOC / IOD from MHADA/Other approvals (If applicable)Col received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.1215.Total Plot Area (sq. m.)1,06,546.56 sqm16.DeductionsArea not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation-10,467.40 Total-42271.27 sqm17.Net Plot area64,275.29 sqm18 (a).Proposed Built-up Area (sq. m.)a) FSI area (sq. m.): 81,777.71D) Non FSI area (sq. m.): 11954718 (b).Approved Built up area as per poved FSI area (sq. m.): 201346.69Approved FSI area (sq. m.): 201346.69Approved Non FSI area (sq. m.): 201346.69  | 10.Village   | Santacruz  |  |  |  |
| Floor: 9th  Building Name: HDIL towers  Road/Street Name: Ananat Kanekar Marg, Station Road Bandra (E), Mumba  Locality: Ananat Kanekar Marg, Station Road Bandra (E), Mumba  Locality: Mumbai  1.Area of the project MCGM, (Municipal Corporation of Greater Mumbai)  Layout approval received dated SRA dated 09.05.2002  12.10D/IOA/Concession/Plan Approval Number: LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.12  Approved Built-up Area: 201346.69  13.Note on the initiated work (If applicable)  14.LOI / NOC / IOD from MHADA/ Instituted Marge of Approval State (Sq. m.): 106,546.56 sqm  15.Total Plot Area (sq. m.)  10.6,546.56 sqm  Area not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation-10,467.40 Total-42271.27 sqm  a) FSI area (sq. m.): 81,777.71 b) Non-FSI area (sq. m.): 37,769.49 c) Total BUA area (sq. m.): 119547  Approved Built up area as per Cr. Total BUA area (sq. m.): 201346.69  Approved Built up area (sq. m.): - Date of Approval: 12-12-2012   | Correspondence Name:   | M/s. HDIL & Pioneer India Developers Pvt. Ltd  |  |  |  |
| Building Name:HDIL towersRoad/Street Name:Ananat Kanekar Marg, Station Road Bandra (E), MumbaLocality:Ananat Kanekar Marg, Station Road Bandra (E), Mumba11.Area of the projectMcGM (Municipal Corporation of Greater Mumbai)Layout approval received dated SRA dated 09.05.2002Layout approval received dated SRA dated 09.05.200210.D/IOA/Concession/Plan Approval Number: LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.12Approved Built-up Area: 201346.6913.Note on the initiated work (If applicable)3 nos of Buildings are constructed on plot D and I as per approvals received (Plot D-01,02, PLot less) having construction area 16110.42 sqm16.Deductions1.06,546.56 sqm17.Net Plot area4.7ea not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation-10,467.40 Total-42271.27 sqm18.(a).Proposed Built-up Area (FS) Area (sq. m.): 37,769.495 Non FSI area (sq. m.): 37,769.4910. Non FSI area (sq. m.): 37,769.491.7ctal BUA area (sq. m.): 201346.6918.(b).Approved Built up area as per DCRApproved FSI area (sq. m.): 201346.69Approved FSI area (sq. m.): 11954719. Approved FSI area (sq. m.): 201346.6919. Approved Non FSI area (sq. m.):  | Room Number:   | 9-01 HDIL towers   |  |  |  |
| Road/Street Name:Ananat Kanekar Marg, Station Road Bandra (E), MumbaLocality:Ananat Kanekar Marg, Station Road Bandra (E), Mumba11.Area of the projectMCGM (Municipal Corporation of Greater Mumbai)12.IOD/IOA/Concession/Plan Approval received dated SRA dated 09.05.200210D/IOA/Concession/Plan Approval Number: LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.123.Note on the initiated work (If applicable)approved Built-up Area: 201346.6913.Note on the initiated work (If applicable)LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.1215.Total Plot Area (sq. m.)1,06,546.56 sqm4.Col Proposed Built-up Area4.Col Feecived dated SRA/ENG/498/HW/STGL/LOI dated 12.12.1217.Net Plot area4.275.29 sqm18.(a).Proposed Built-up Area (FS)4.275.29 sqm18.(a).Proposed Built-up Area (FS)5. SI area (sq. m.): 81,777.7119. Non FSI area (sq. m.): 11954718. (b).Approved Built up area as per DCRApproved FSI area (sq. m.): 201346.69Approved FSI area (sq. m.): 201346.69Approved Non FSI area (sq. m.): 201346.69  | Floor:   | 9th  |  |  |  |
| Locality:Ananat Kanekar Marg, Station Road Bandra (E), MumbaCity:Mumbai11.Area of the projectMCGM (Municipal Corporation of Greater Mumbai)12.IOD/IOA/Concession/Plan Approval received dated SRA dated 09.05.2002IOD/IOA/Concession/Plan Approval Number: LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.1213.Note on the initiated work (If applicable)3 nos of Buildings are constructed on plot D and I as per approvals received (Plot D-01,02, PLot lest) having construction area 16110.42 sqm14.LOI / NOC / IOD from MHADA/ other approvals (If applicable)LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.1215.Total Plot Area (sq. m.)1,06,546.56 sqm16.DeductionsArea not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation-10,467.40 Total-42271.27 sqm17.Net Plot area64,275.29 sqm18 (a).Proposed Built-up Area (FS)<br>Non-FSI area (sq. m.): 37,769.49<br>D Total BUA area (sq. m.): 37,769.4918 (b).Approved Built up area as per DCRApproved FSI area (sq. m.): 201346.69Approved Non-FSI area (sq. m.):   | Building Name:   | HDIL towers  |  |  |  |
| City:Mumbai11.Area of the projectMCGM (Mynicipal Corporation of Greater Mumbai)12.10D/IOA/Concession/Plan Approval NumberLayout approval received dated SRA dated 09.05.200210D/IOA/Concession/Plan Approval Number: LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.12Approved Built-up Area: 201346.6913.Note on the initiated work (If applicable)3 nos of Buildings are constructed on plot D and I as per approvals received (Plot D-01,02, PLot I=SI) having construction area 16110.42 sqm14.LOI / NOC / IOD from MHADA/ other approvals (If applicable)LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.1215.Total Plot Area (sq. m.)1,06,546.56 sqm17.Net Plot areaArea not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation-10,467.40 Total-42271.27 sqm17.Net Plot area64,275.29 sqm18 (a).Proposed Built-up Area (FSI)a) FSI area (sq. m.): 81,777.71b) Non FSI area (sq. m.): 37,769.49<br>c) Total BUA area (sq. m.): 119547Approved FSI area (sq. m.): 201346.69Approved Non FSI area (sq. m.):  | Road/Street Name:  |  |  |  |  |
| 11.Area of the project MCGM (Municipal Corporation of Greater Mumbai)  12.IOD/IOA/Concession/Plan Approval received dated SRA dated 09.05.2002  10D/IOA/Concession/Plan Approval Number: LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.12  Approved Built-up Area: 201346.69  13.Note on the initiated work (If applicable)  14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)  15.Total Plot Area (sq. m.)  10.6.546.56 sqm  17.Net Plot area  18. (a).Proposed Built-up Area (FSI) Non-FSI)  18. (a).Proposed Built-up Area (Sq. m.)  19. Non FSI area (sq. m.): 37,769.49  10. Total BUA area (sq. m.): 21346.69  Approved FSI area (sq. m.): 21346.69  Approved Round FSI area (sq. m.): 201346.69  Approved Non FSI area (sq. m.): Date of Approval: 12-12-2012   | Locality:  | Ananat Kanekar Marg, Station Road Bandra (E), Mumba  |  |  |  |
| Layout approval received dated SRA dated 09.05.2002  10D/IOA/Concession/Plan Approval Number: LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.12  Approved Built-up Area: 201346.69  13.Note on the initiated work (If applicable)  14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)  15.Total Plot Area (sq. m.)  1.06,546.56 sqm  Area not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation-10,467.40 Total-42271.27 sqm  17.Net Plot area  64,275.29 sqm  64,275.29 sqm  64,275.29 sqm  3 nos of Buildings are constructed on plot D and I as per approvals received (Plot D-01,02, PLot I=SI) having construction area 16110.42 sqm  18 (a).Proposed Built-up Area (sq. m.)  64,275.29 sqm  64,275.29 sqm  64,275.29 sqm  64,275.29 sqm  7 Total BUA area (sq. m.): 81,777.71  8 (b) Non FSI area (sq. m.): 37,769.49  c) Total BUA area (sq. m.): 119547  Approved FSI area (sq. m.): 201346.69  Approved Non FSI area (sq. m.):  Date of Approval: 12-12-2012   | City:  | Mumbai   |  |  |  |
| 12.IOD/IOA/Concession/Plan   | 11.Area of the project   | MCGM (Municipal Corporation of Greater Mumbai)   |  |  |  |
| Approval NumberSRA/ENG/498/HW/STGL/LOI dated 12.12.1213.Note on the initiated work (If applicable)3 nos of Buildings are constructed on plot D and I as per approvals received (Plot D-01,02, PLot I=SI) having construction area 16110.42 sqm14.LOI / NOC / IOD from MHADA/Other approvals (If applicable)LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.1215.Total Plot Area (sq. m.)1,06,546.56 sqm16.DeductionsArea not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation- 10,467.40 Total- 42271.27 sqm17.Net Plot area64,275.29 sqm18 (a).Proposed Built-up Area (FSI & D) Non FSI area (sq. m.): 81,777.71b) Non FSI area (sq. m.): 37,769.49Non-FSI area (sq. m.): 119547Approved FSI area (sq. m.): 201346.6918 (b).Approved Built up area as per approvals received (Plot D-01,02, PLot area (sq. m.):  |  | Layout approval received dated SRA dated 09.05.2002  |  |  |  |
| 3 nos of Buildings are constructed on plot D and I as per approvals received (Plot D-01,02, PLot I=Sl) having construction area 16110.42 sqm   |  |  |  |  |  |
| I=SI) having construction area 16110.42 sqm     14.LOI / NOC / IOD from MHADA/Other approvals (If applicable)  |  | Approved Built-up Area: 201346.69  |  |  |  |
| Other approvals (If applicable)         EOT received dated SRA/ENG/498/HW/STGL/LOT dated 12.12.12           15.Total Plot Area (sq. m.)         1,06,546.56 sqm           16.Deductions         Area not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation- 10,467.40 Total- 42271.27 sqm           17.Net Plot area         64,275.29 sqm           a) FSI area (sq. m.): 81,777.71         b) Non FSI area (sq. m.): 37,769.49           c) Total BUA area (sq. m.): 119547           Approved FSI area (sq. m.): 201346.69           Approved Non FSI area (sq. m.):         Date of Approval: 12-12-2012  |  | 3 nos of Buildings are constructed on plot D and I as per approvals received (Plot D-01,02, PLot I=Sl) having construction area $16110.42~\text{sqm}$  |  |  |  |
| 16.Deductions       Area not in possession-5925.5 sqm 6, D. P. Road-25,878.31 sqm & other reservation- 10,467.40 Total- 42271.27 sqm         17.Net Plot area       64,275.29 sqm         18 (a).Proposed Built-up Area (FSI & Non-FSI)       a) FSI area (sq. m.): 81,777.71         b) Non FSI area (sq. m.): 37,769.49       c) Total BUA area (sq. m.): 119547         Approved FSI area (sq. m.): 201346.69       Approved Non FSI area (sq. m.):         Date of Approval: 12-12-2012  |  | LOI received dated SRA/ENG/498/HW/STGL/LOI dated 12.12.12  |  |  |  |
| Total- 42271.27 sqm         17.Net Plot area       64,275.29 sqm         18 (a).Proposed Built-up Area (FSI & Non-FSI)       a) FSI area (sq. m.): 81,777.71         b) Non FSI area (sq. m.): 37,769.49         c) Total BUA area (sq. m.): 119547         Approved FSI area (sq. m.): 201346.69         Approved Non FSI area (sq. m.):         Date of Approval: 12-12-2012   | 15.Total Plot Area (sq. m.)                                    | 1,06,546.56 sqm  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 81,777.71  18 (b).Approved Built up area as per DCR  a) FSI area (sq. m.): 81,777.71  b) Non FSI area (sq. m.): 119547  Approved FSI area (sq. m.): 201346.69  Approved Non FSI area (sq. m.):  Date of Approval: 12-12-2012  | 16.Deductions  |  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)  b) Non FSI area (sq. m.): 37,769.49  c) Total BUA area (sq. m.): 119547  Approved FSI area (sq. m.): 201346.69  Approved Non FSI area (sq. m.):  Date of Approval: 12-12-2012   | 17.Net Plot area   | 64,275.29 sqm  |  |  |  |
| Non-FSI)  c) Total BUA area (sq. m.): 119547  Approved FSI area (sq. m.): 201346.69  Approved Non FSI area (sq. m.):  Date of Approval: 12-12-2012   | 10 (a) Promond D. The Array (FOX C                             | a) FSI area (sq. m.): 81,777.71  |  |  |  |
| c) Total BUA area (sq. m.): 119547  Approved FSI area (sq. m.): 201346.69  Approved Non FSI area (sq. m.):  Date of Approval: 12-12-2012   |  | b) Non FSI area (sq. m.): 37,769.49  |  |  |  |
| 18 (b).Approved Built up area as per DCR Approved Non FSI area (sq. m.): Date of Approval: 12-12-2012  |  | c) Total BUA area (sq. m.): 119547   |  |  |  |
| DCR Approved Non FSI area (sq. m.): Date of Approval: 12-12-2012   | 10 (b) Approx J Duill  | Approved FSI area (sq. m.): 201346.69  |  |  |  |
| Date of Approval: 12-12-2012   |  | Approved Non FSI area (sq. m.):  |  |  |  |
| <b>19.Total ground coverage (m2)</b> 27765.92  |  | Date of Approval: 12-12-2012   |  |  |  |
|  | 19.Total ground coverage (m2)                                  | 27765.92   |  |  |  |



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Shri M.M.Adtani (Chairman SEAC-II)

| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky) | 46%       |
|--|-----------|
| 21.Estimated cost of the project   | 152000000 |

| Serial<br>number | Building Name & number | Number of floors   | Height of the building (Mtrs) |  |  |
|------------------|------------------------|--|-------------------------------|--|--|
| 1                | Plot C                 | C1, C2, C3, C4= G+7th Floors   | 22.80                         |  |  |
| 2                | Plot D                 | 1D = 2 B + Semi basement + LG+<br>G+ Upper 5th Floors, school = B +<br>G + 5th Floors D1 & D 2=GR.+7th<br>Floors | 24.10, 24.05,24.10            |  |  |
| 3                | Plot E                 | 1E= 2 B + G+ Upper 8th Floors  | 27.40                         |  |  |
| 4                | Plot F                 | F1= 2 B + G+ Upper 8th Floors  | 27.50                         |  |  |
| 5                | Plot I                 | S1=B + G.+7th Floors   | 26.33                         |  |  |
| 6                | Plot N                 | N1,N2,N3,N4 = S + 7th Floors, N -<br>B + G+ Upper 6Th Floors   | 27.75                         |  |  |
|                  |                        | nos + commercial- 11nos  |                               |  |  |

| 23.Number of tenants and shops | Plot D= residential- 198 nos + commercial- 445 nos + 18 nos<br>Plot E= residential- 38 nos + commercial- 11nos<br>Plot F= residential- 64 nos + commercial- 1nos<br>Plot I= residential- 68 nos + commercial- 36nos<br>Plot N= residential- 549 nos + commercial- 67 nos<br>Total = residential- 1442 nos + commercial- 589 nos |
|--------------------------------|---|
|--------------------------------|---|

| 24.Number of         |  |  |  |  |
|----------------------|--|--|--|--|
| expected residents / |  |  |  |  |
| users                |  |  |  |  |

8652 nos

# 25.Tenant density per hectare 375 Tenant /hectare 26.Height of the

| 3                     |
|-----------------------|
| 27.Right of way       |
| (Width of the road    |
| from the nearest fire |
| station to the        |
| proposed building(s)  |

building(s)

Access through existing 30.48~m wide relief road, 27.44~m wide linking road & 27.44~m wide SV road

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation

9.00 r

# 29.Existing structure (s) if any

There are slums to be demolished on site.

30.Details of the demolition with disposal (If applicable)

 $Demolition \ will \ be \ done \ as \ per \ Construction \ and \ Demolition \ Waste \ Management \ rule \ 2016.$ 

### **31.Production Details**

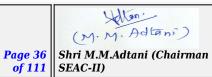
| Serial<br>Number | Product        | Existing (MT/M) | Proposed (MT/M) | Total (MT/M)   |  |
|------------------|----------------|-----------------|-----------------|----------------|--|
| 1                | Not applicable | Not applicable  | Not applicable  | Not applicable |  |



| 32.Total Water Requirement         |                   |                                  |                   |                              |                   |                |                |                   |                |  |
|------------------------------------|-------------------|----------------------------------|-------------------|------------------------------|-------------------|----------------|----------------|-------------------|----------------|--|
|                                    |                   | Source of                        | water             | MCGM / tre                   | ated water f      | from STP       |                |                   |                |  |
| Dry season:                        |                   | Fresh wate                       | er (CMD):         | 592 KLD                      |                   |                |                |                   |                |  |
|                                    |                   | Recycled w<br>Flushing (         |                   | 352 KLD                      |                   |                |                |                   |                |  |
|                                    |                   | Recycled v<br>Gardening          |                   | 40 KLD                       |                   |                |                |                   |                |  |
|                                    |                   | Swimming<br>make up (            |                   | -                            |                   |                |                |                   |                |  |
|                                    |                   | Total Wate<br>Requireme          |                   | 984 KLD                      |                   |                |                |                   |                |  |
|                                    |                   | Fire fighting Undergroutank(CMD) | ınd water         | 760 cum                      |                   |                |                |                   |                |  |
|                                    |                   | Fire fighting Overhead tank(CMD) | water             | 30 Cum                       |                   |                |                |                   |                |  |
|                                    |                   | Excess trea                      | ated water        | 403 KLD                      |                   |                |                |                   |                |  |
|                                    |                   | Source of                        | water             | MCGM/ treated water from STP |                   |                |                |                   |                |  |
|                                    |                   | Fresh water                      | er (CMD):         | 592 KLD                      |                   |                |                |                   |                |  |
|                                    |                   | Recycled w<br>Flushing (         |                   | 352 KLD                      |                   |                |                |                   |                |  |
|                                    |                   | Recycled w<br>Gardening          |                   | 0 KLD                        |                   |                |                |                   |                |  |
|                                    |                   | Swimming<br>make up (            |                   |                              |                   |                |                |                   |                |  |
| Wet season:                        |                   | Total Wate<br>Requirement        |                   | 944 KLD                      | <b>y</b>          |                |                |                   |                |  |
|                                    |                   | Fire fighting Undergroutank(CMD) | ind water         | 760 cum                      |                   |                |                |                   |                |  |
|                                    |                   | Fire fighting Overhead tank(CMD) | water             | 30 Cum                       |                   |                |                |                   |                |  |
|                                    |                   | Excess trea                      | ated water        | 443 KLD                      |                   |                |                |                   |                |  |
| Details of Swimpool (If any)       | ming              | NA                               |                   |                              |                   |                |                |                   |                |  |
| 33.Details of Total water consumed |                   |                                  |                   |                              |                   |                |                |                   |                |  |
| Particula rs                       | Consumption (CMD) |                                  | Loss (CMD)        |                              | Effluent (CMD)    |                |                |                   |                |  |
| Water<br>Require Exis              | ting              | Proposed                         | Total             | Existing                     | Proposed          | Total          | Existing       | Proposed          | Total          |  |
|                                    | ot<br>cable       | Not<br>applicable                | Not<br>applicable | Not<br>applicable            | Not<br>applicable | Not applicable | Not applicable | Not<br>applicable | Not applicable |  |





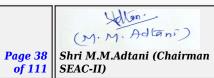


|   | Level of the Grouwater table:            | nd 1.2 m - 3.2 m bgl  |  |  |  |  |
|---|--|---|--|--|--|--|
|   | Size and no of RV tank(s) and Quantity:  | VH Nil  |  |  |  |  |
|   | Location of the R tank(s):               | WH Nil  |  |  |  |  |
| 34.Rain Water   | Quantity of rechapits:                   | rge 21 no's of Percolation Pits provided  |  |  |  |  |
| Harvesting<br>(RWH)   | Size of recharge :                       | Area of each Recharge pit= 4.9 sqm Depth of each Recharge pit= 4 m  |  |  |  |  |
|   | Budgetary allocation (Capital cost):     | Rs 13.00 Lakhs  |  |  |  |  |
|   | Budgetary allocation (O & M cost):       | Rs 1.30 Lakhs /Annum  |  |  |  |  |
|   | Details of UGT ta                        | Domestic Water Tank = 592cum Flushing Water Tank = 352cum Fire Water Tank = 760 cum Location of tank = Ground & Basement  |  |  |  |  |
|   |  |   |  |  |  |  |
| 25.01   | Natural water<br>drainage pattern        | East to West  |  |  |  |  |
| 35.Storm water drainage   | Quantity of storm water:                 | 0.55 cum/sec  |  |  |  |  |
|   | Size of SWD:                             | 0.45mX 0.56 m   |  |  |  |  |
|   |  |   |  |  |  |  |
|   | Sewage generation KLD:                   | n 884 KLD   |  |  |  |  |
| !   | STP technology:                          | MBBR  |  |  |  |  |
| Sewage and  | Capacity of STP (CMD):                   | 15 nos STP of total capacity 930 KLD ( C1-95,C2-85,C3-70,C4-50,1D-60,D1,D2-100, school-35, E1-30,F-50,N1-75,N2-75,N3-75,N4-70,N sale-10, , I- 50 in KLD)  |  |  |  |  |
| Waste water   | Location & area of the STP:              | Ground and basement   |  |  |  |  |
|   | Budgetary allocation (Capital cost):     | Rs 220.00Lakhs  |  |  |  |  |
|   | Budgetary allocation (O & M cost):       | Rs 35.00 lakhs /annum   |  |  |  |  |
|   | 36.S                                     | olid waste Management   |  |  |  |  |
| $G^{Y}$   | Waste generation                         | Demolition waste, Excavated material ,Cement Bags ,Paint container (@20L) ,Scrap metal generated , Broken Tiles etc   |  |  |  |  |
| Waste generation in<br>the Pre Construction<br>and Construction<br>phase: | Disposal of the construction was debris: | Excavated material Shall be used entirely on site for backfilling and for internal roads, Cement Bags Empty bags to be handed over to recycler. Paint container (@20L) To be handed over to recycler, Scrap metal generated Entirely to be sold for recycling. Broken Tiles Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces. |  |  |  |  |
|   | Dry waste:                               | 1664 kg/day   |  |  |  |  |
|   | Wet waste:                               | 1998 kg/day   |  |  |  |  |
| ¥47   | Hazardous waste                          | NA  |  |  |  |  |
| Waste generation in the operation Phase:                                  | Biomedical waste applicable):            | (If <sub></sub>   |  |  |  |  |
| i iidse.  | STP Sludge (Dry sludge):                 | 40 kg/day   |  |  |  |  |
|   | Others if any:                           | E- waste will be handed over to authorized MPCB dealers   |  |  |  |  |
| Mr. Surykant Nikam (Secretary SEAC-II)                                    |  | ing No: 95 Meeting Date: April 8, Page 37 Shri M.M.Adtani (Chairman of 111 SEAC-II)   |  |  |  |  |

|                          |               | Dry waste:                        |                   | To be hand  | over to   | Loca                                  | al Recyclers f    | for recycling               |                                     |  |
|--------------------------|---------------|-----------------------------------|-------------------|---|---|---------------------------------------|-------------------|-----------------------------|-------------------------------------|--|
|                          |               | Wet waste                         |                   | To be proce   | To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users. |                                       |                   |                             |                                     |  |
| Mode of                  | Disposal      | Hazardous                         | Hazardous waste:  |   | able  |                                       |                   |                             |                                     |  |
| of waste:                | -             | Biomedica applicable              |                   |   |   |                                       |                   |                             |                                     |  |
|                          |               | STP Sludg sludge):                | e (Dry            | To be used  | as a ma   | nure                                  |                   |                             |                                     |  |
|                          |               | Others if a                       | ny:               | E- waste will be handed over to authorized MPCB dealers |   |                                       |                   |                             |                                     |  |
|                          |               | Location(s                        | ):                | Ground  |   |                                       |                   |                             |                                     |  |
| Area<br>requirem         | ent:          | Area for the of waste & material: |                   | dedicated a   | irea for  | Segr                                  | egation, curi     | ng and stora                | age provided (141 sqm)              |  |
|                          |               | Area for m                        | achinery:         | 3 sqm for e   | ach ma  | chine                                 | (6 nos of ma      | achine)                     |                                     |  |
| Budgetary                |               | Capital cos                       | st:               | Rs 50.00 La   | akhs  |                                       |                   |                             | <b>&gt;</b>                         |  |
| (Capital co<br>O&M cost) |               | O & M cos                         | t:                | Rs 10.00 la   | khs /anı  | num                                   |                   | 90                          | <u> </u>                            |  |
|                          |               |                                   | 37.E              | fluent C  | harec   | ter                                   | estics            |                             |                                     |  |
| Serial<br>Number         | Paran         | neters                            | Unit              | Inlet E<br>Charect                                      | Effluent<br>terestic  |                                       |                   | Effluent<br>erestics        | Effluent discharge standards (MPCB) |  |
| 1                        | Not app       | plicable                          | Not<br>applicable | Not applicable  |   | Not applicable                        |                   | Not applicable              |                                     |  |
| Amount of e (CMD):       | effluent gene | eration                           | Not applica       | pplicable   |   |                                       |                   |                             |                                     |  |
| Capacity of              | the ETP:      |                                   | Not applica       | pplicable   |   |                                       |                   |                             |                                     |  |
| Amount of t recycled :   | reated efflue | ent                               | Not applica       | pplicable   |   |                                       |                   |                             |                                     |  |
|                          | vater send to |                                   | Not applica       |   |   |                                       |                   |                             |                                     |  |
|                          | p of CETP (if |                                   | Not applica       | A . Y   |   |                                       |                   |                             |                                     |  |
|                          | P technology  |                                   | Not applica       |   |   |                                       |                   |                             |                                     |  |
| Disposal of              | the ETP sluc  | ige                               | Not applica       | nzardous Waste Details                                  |   |                                       |                   |                             |                                     |  |
|                          |               |                                   | 38.Ha             | azardous  | Wasi  | te D                                  | etails            |                             |                                     |  |
| Serial<br>Number         | Descr         | iption                            | Cat               | UOM   | Exist   |                                       | Proposed          | Total                       | Method of Disposal                  |  |
| 1                        | Not app       | olicable                          | Not<br>applicable | Not<br>applicable                                       | No<br>applic  | able                                  | Not applicable    | Not<br>applicable           | Not applicable                      |  |
|                          |               |                                   | 39.S              | tacks em  | issio   | n De                                  | etails            |                             |                                     |  |
| Serial<br>Number         | Section       | TION AT LIMITE                    |                   | sed with<br>ntity                                       | Stack   | ack No.  Height from ground level (m) |                   | Internal<br>diameter<br>(m) | Temp. of Exhaust<br>Gases           |  |
| 1                        | Not app       | plicable                          | Not ap            | plicable  | No<br>applic  | -                                     | Not<br>applicable | Not<br>applicable           | Not applicable                      |  |
|                          |               |                                   | 40.De             | tails of I  | uel t   | o be                                  | e used            |                             |                                     |  |
| Serial<br>Number         | Тур           | e of Fuel                         |                   | Existing  |   |                                       | Proposed          |                             | Total                               |  |
| 1                        | Not           | applicable                        | 1                 | Not applicabl   | Tot applicable Not applicable Not applicable  |                                       |                   |                             |                                     |  |
| 41.Source o              | f Fuel        |                                   | Not a             | applicable  |   |                                       |                   |                             |                                     |  |
|                          |               |                                   |                   |   |   |                                       |                   |                             |                                     |  |



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| 42.Mode of Transportat       | 42.Mode of Transportation of fuel to site Not applicable |  |  |  |  |  |
|------------------------------|--|--|--|--|--|--|
|                              |  |  |  |  |  |  |
|                              | Total RG area:   | Layout RG- 5949.45 sqm                                   |  |  |  |  |
| 43.Green Belt<br>Development | No of trees to be cut :                                  | will be as per tree NOC                                  |  |  |  |  |
|                              | Number of trees to be planted :                          | 500 Nos of trees. (There are existing 90 trees on site.) |  |  |  |  |
|                              | List of proposed native trees :                          | same as below  |  |  |  |  |
|                              | Timeline for completion of plantation :                  | at the end of construction phase                         |  |  |  |  |

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

|                  |                     |                |          | 5                                       |
|------------------|---------------------|----------------|----------|---|
| Serial<br>Number | Name of the plant   | Common Name    | Quantity | Characteristics & ecological importance |
| 1                |                     | •              |          |   |
| 2                | Delonix regia       | Gulmohar       | 41       | ornamnetal , shadey                     |
| 3                | Azadiracta indica   | Neem           | 45       | medicinal                               |
| 4                | Terminalia arjuna   | Arjun tree     | 75       | ornamnetal , shadey                     |
| 5                | Albizia lebbeck     | Shirish        | 68       | ornamnetal , shadey                     |
| 6                | Saraca asoca        | Ashoka         | 76       | ornamnetal , shadey                     |
| 7                | Bauhinia purpurea   | Gulabi kanchan | 55       | ornamnetal , shadey                     |
| 8                | Phyllanthus emblica | Awla           | 60       | fruit bearing                           |
| 9                | Mangifera indica    | Mango          | 36       | fruit bearing                           |
| 10               | Michelia champaca   | Sonchaffa      | 44       | ornamnetal , shadey                     |
|                  |                     |                | V        |   |

45. Total quantity of plants on ground

Silve

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

| Serial<br>Number | Name | C/C Distance | Area m2 |  |  |  |
|------------------|------|--------------|---------|--|--|--|
| 1                | NA   | NA           | NA      |  |  |  |
|                  | 4    |              |         |  |  |  |

47.Energy



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Shri M.M.Adtani (Chairman SEAC-II)

|                    | Source of power supply:  | Adani Power/ TATA  |
|--------------------|--|--|
|                    | During Construction<br>Phase: (Demand<br>Load)                         | 80kW   |
|                    | DG set as Power<br>back-up during<br>construction phase                | 100kVA   |
|                    | During Operation phase (Connected load):                               | 16098 kW   |
| Power requirement: | During Operation phase (Demand load):                                  | 3836 kW  |
|                    | Transformer:   | 4 x 1000, 2 x 500, 1x400   |
|                    | DG set as Power<br>back-up during<br>operation phase:                  | 1D - 1x500 kVA , E1 - 1x160 kVA, F1 - 1x200 kVA, N- 1x180kVA, School - 1x80kVA, C-1x100kVA |
|                    | Fuel used:   | HSD  |
|                    | Details of high<br>tension line passing<br>through the plot if<br>any: | NA   |

#### 48. Energy saving by non-conventional method:

- •Energy efficient LED's which give approx. 30% more light output for the same watts consumed and therefore require less nos. of fixtures
- Provision of solar panels for common area lighting
- Maintaining the power factor between 0.95 lag and 0.98 lag for common area loads.
- Maintaining lighting power density as per ECBC standard in common areas and recreation facility.
- Astronomical switching of outdoor lighting.
- Proposing use of VFD's (Variable Frequency Drive) for all motors used in lifts and use of high efficiency pumps for Plumbing, Firefighting system.

#### 49. Detail calculations & % of saving:

| Serial<br>Number | <b>Energy Conservation Measures</b> | Saving % |
|------------------|-------------------------------------|----------|
| 1                | Overall Energy savings              | 11%      |
| 2                |                                     |          |

#### **50.** Details of pollution control Systems

| Source            | Existing pollution control system | Proposed to be installed |
|-------------------|-----------------------------------|--------------------------|
| Not<br>applicable | Not applicable                    | Not applicable           |

|                      | СРГПСОПСТ                    |                |                |  |
|----------------------|------------------------------|----------------|----------------|--|
| Budgetary allocation | Capital cost:                | Rs 75.00 lakhs |                |  |
|                      | (Capital cost and O&M cost): | O & M cost:    | Rs. 3.75 Lakhs |  |

# 51. Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

| Serial<br>Number | Attributes      | Parameter   | Total Cost per annum (Rs. In Lacs) |
|------------------|-----------------|---|------------------------------------|
| 1                | Air Environment | Water Sprinkling,<br>Green Belt<br>Development, Covered<br>storage area | 5                                  |



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| 2                | Noise E  | nvironment          | Gree                               | Noise Baricades and<br>Green Belt<br>Developments |                       | 4                                  |         |                     |                            |                         |
|------------------|--|---------------------|------------------------------------|---|-----------------------|------------------------------------|---------|---------------------|----------------------------|-------------------------|
| 3                | Water E  | nvironment          |                                    | ar STP ,<br>ge with<br>ation tan                  | ks                    | 4                                  |         |                     |                            |                         |
| 4                | Good Hea                                       | lth Practice        | Site San<br>Healt                  | itation &<br>h Care                               | X                     |                                    |         | 3                   |                            |                         |
| 5                |  | ronment<br>nitoring | Air,water<br>monitori<br>construct | ng durin  | .g                    |                                    |         | 3                   |                            |                         |
|                  |  |                     | b) Operat                          | ion P   | hase (wi              | th Brea                            | k-up    | ):                  |                            |                         |
| Serial<br>Number | Com  | ponent              | Descr                              | iption  | Сар                   | ital cost Rs<br>Lacs               | . In    |                     | tional and<br>ost (Rs. in  | Maintenance<br>Lacs/yr) |
| 1                | Rain Wate                                      | er Harvestin        | g Rechar                           | rge pits  |                       | 13.00                              |         |                     | 1.30                       | 7                       |
| 2                |  | d waste<br>agement  | IO (                               | WC  |                       | 50.00                              |         | 10.0                |                            |                         |
| 3                |  | tewater<br>agement  | S                                  | ГР  |                       | 220.00                             |         | 35.00               |                            |                         |
| 4                | energ  | y savings           | Solar                              | + LED   |                       | 75.00                              |         |                     | 3.75                       |                         |
| 5                | Gre  | en belt             | Lands                              | caping  |                       | 150.00                             |         | 30.0                |                            |                         |
| 51.S             | torage   | e of ch             | emicals                            |   | lamabl<br>stance      |                                    | osiv    | e/haz               | zardou                     | s/toxic                 |
| Descri           | ption  | Status Location Ca  |                                    | Storage<br>Capacity<br>in MT                      | ty storage / Month in |                                    | onth in | Source of<br>Supply | Means of<br>transportation |                         |
| Not app          | licable  | Not<br>applicable   | Not applica                        |   |                       | Not Not applicable Not application |         | pplicable           | Not applicable             | Not applicable          |
|                  | 52.Any Other Information                       |                     |                                    |   |                       |                                    |         |                     |                            |                         |
| No Informa       | No Information Available                       |                     |                                    |   |                       |                                    |         |                     |                            |                         |
|                  |  | C                   | 53.                                | Traffi  | c Mana                | gement                             |         |                     |                            |                         |
|                  | Nos. of the junction to the main road & Access |                     |                                    |   |                       | isting 30.48<br>ide SV road        | m wic   | le relife r         | road, 27.44                | m wide linking          |





|                  | Number and area of basement:  | Maximum 2 nos  |
|------------------|---|--|
|                  | Number and area of podia:   | Nil  |
|                  | Total Parking area:   |  |
|                  | Area per car:   | 32.00 sq.m   |
|                  | Area per car:   | 32.00 sq.m   |
| Parking details: | Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   |  |
|                  | Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | Plot C=83 nos + commercial -8 nos, Plot D =405 nos Plot E = 34nos<br>Plot F= 102nos + commercial- 12nos, Plot N =102nos+ commercial- 54<br>nos PLot I-60 nos |
|                  | Public Transport:   |  |
|                  | Width of all Internal roads (m):  | 6.00 m wide  |
|                  | CRZ/ RRZ clearance obtain, if any:  | NA   |
|                  | 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) B2  |
|                  | Court cases pending if any  | NA   |
|                  | Other Relevant<br>Informations  | 23 buildings are excluded from environmental parameters and the same were constructed prior to EIA notification  |
|                  | Have you previously submitted Application online on MOEF Website.                                       | Yes  |
|                  | Date of online submission   | 31-07-2018  ONLENIAL ASPECTS   |

# SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

# Brief information of the project by SEAC



Allan! (M.M. Adtani) Environment Clearance for Proposed SRA project at 'Daulat Nagar SRA CHS' at F.P. No. F.P. No. 18-19/88 to 100, 18-19/102, 106, 107, 109,18-19/22 36 30, 18-19/31 to 33 (pt), 18-19/34(ABC) (pt), 18-19/35(ABC) (pt), F.P. No. 6 to 15, 16A(pt), 16B, 16C, 16E, l-2/B(pt), 22 (pt), 21 (pt), 20 (pt) of TPS VI, and F.P. No. 86, 89 of TPS II, Santacruz (West), Mumbai. By M/s. HDIL & Pioneer India Developers Pvt. Ltd

#### **DECISION OF SEAC**

PP was absent during the meeting and hence the proposal is deferred

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

AC decisi SEAC-II decided to defer the proposal.Kindly find SEAC decision above.

Mr. Surykant Nikam (Secretary SEAC-II)

SEAC Meeting No: 95 Meeting Date: April 8,

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(M.M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)

Sollan.

#### Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

#### SEAC Meeting number: 95 Meeting Date April 8, 2019

**Subject:** Environment Clearance for Proposed Residential & Commercial Project at Land bearing S. No. 180, 181/2, 185/1 to 12, 186, 187/B, 188/Pt, 190, 191, 192, 193, 194, 196, 197, 199, 201, 202, 203, 204/1, 2, 3 & 4 205/1, 2, 3, 4, 5, 6 & 7, 206, 207, 208/1, 2, 3, 4 to 8, 209, 210/1, 2, 3, 211/2, 3, 6 & 7/Pt., 212, 213/1, 214/3, 215/Pt.215/Pt., 216/1,2&4,219/2, 220/Pt.221/1&2, 222/3, 223/1, 223/2, 224/1 & 250/Pt., 250/Pt., 251, 254, 255/1 to 4, 257/1, 259/1 260/Pt. & 260/Pt., 261 & 263, Village: Nilemore, Tal:Vasai, Dist.: Thane.

| Τς | а | Vio  | lation | Case: | Yes |
|----|---|------|--------|-------|-----|
| 13 | а | VIU. | lauvii | Casc. | 100 |

| is a violation case: Yes   |  |  |  |  |
|--|--|--|--|--|
| 1.Name of Project  | Anil R. Gupta  |  |  |  |
| 2.Type of institution  | Private  |  |  |  |
| 3.Name of Project Proponent  | Anil R. Gupta  |  |  |  |
| 4.Name of Consultant   | Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.  |  |  |  |
| 5.Type of project  | Residential & Commercial Project   |  |  |  |
| 6.New project/expansion in existing project/modernization/diversification in existing project          | New Project  |  |  |  |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | NA   |  |  |  |
| 8.Location of the project  | At Land bearing S. No. 180, 181/2, 185/1 to 12, 186, 187/B, 188/Pt, 190, 191, 192, 193, 194, 196, 197, 199, 201, 202, 203, 204/1, 2, 3 & 4 205/1, 2, 3, 4, 5, 6 & 7, 206, 207, 208/1, 2, 3, 4 to 8, 209, 210/1, 2, 3, 211/2, 3, 6 & 7/Pt., 212, 213/1, 214/3, 215/Pt.215/Pt., 216/1,2&4,219/2, 220/Pt.221/1&2, 222/3, 223/1, 223/2, 224/1 & 250/Pt., 250/Pt., 251, 254, 255/1 to 4, 257/1, 259/1 260/Pt. & 260/Pt., 261 & 263, Village: Nilemore, Tal:Vasai, Dist.: Thane., Maharashtra  |  |  |  |
| 9.Taluka   | Vasai  |  |  |  |
| 10.Village   | Nilemore   |  |  |  |
| Correspondence Name:   | Anil R. Gupta  |  |  |  |
| Room Number:   | D-II/ 1 & 2  |  |  |  |
| Floor:   | -  |  |  |  |
| Building Name:   | Aakansha Commercial Complex  |  |  |  |
| Road/Street Name:  | Achole Road  |  |  |  |
| Locality:  | Opp. HDFC Bank, Nallasopara (E)  |  |  |  |
| City:  | Nallasopara (E), Vasai Virar   |  |  |  |
| 11.Area of the project   | Vasai Virar city Municipal Corporation (VVCMC)   |  |  |  |
|  | VVCMC/TP/2655/2015-16 dt. 01/12/2015   |  |  |  |
| 12.IOD/IOA/Concession/Plan<br>Approval Number  | IOD/IOA/Concession/Plan Approval Number: CIDCO/VVSR/RDP/BP-4142/W/5524 dated 23/09/2009, CIDCO/VVSR/CC/BP-4474&4475/W/5699 dated 22/01/2010, VVCMC/TP/RDP/BP-04473/076/2011-12 dated 09/08/2011, VVCMC/TP/CC/VP-0310/1681 dated 31/10/2011, VVCMC/TP/RDP/VP-125/127/2011-12 dt 31/10/2011, VVCMC/TP/CC/VP-0420/134/2011-12 dt. 18/11/2011, VVCMC/TP/CC/VP-0301/1681 dt. 28/11/2011, VVCMC/TP/RDP/VP-0300/1690/2012-13 dt. 29/11/2011, VVCMC/TP/CC/VP-0238/1740 dt. 07/12/2011, VVCMC/TP/CC/VP-0239/2035 dt. 06/01/2012, VVCMC/TP/CC/VP-0193-0359/308/2012-13 dt. 05/05/2012, VVCMC/TP/RDP/VP-111/0302-1/2013-14 dt. 16/12/2013, VVCMC/TP/2655/2015-16 dt. 01/12/2015 |  |  |  |
|  | Approved Built-up Area: 688154.56  |  |  |  |
| 13.Note on the initiated work (If applicable)  | FSI Area: 277568.71 m2 Construction area: 463274.76 m2 Case is filed against us vide no. 88/2015 before JMFC, Vasai Court for violation of EIA Notification 2006   |  |  |  |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                                      | Amenities Total area As per order no. VVCMC/TP/RDP/VP-111/0302-1/2013-14 Dt- 16/12/2013 • Amenity area as per the approved RDP Order No.VVCMC/TP/RDP/VP-111/063/2017-18 Dated 14/08/2017 (PS, HS-1 & 2)  |  |  |  |
| 15.Total Plot Area (sq. m.)  | 378746.39 m2   |  |  |  |
| 16.Deductions  | 147406.05 m2   |  |  |  |
| 17.Net Plot area   | 231340.34 m2   |  |  |  |



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(M. M. Adlans)

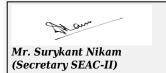
Shri M.M.Adtani (Chairman

|  | a) FSI area (sq. m.): 402290.21 m2            |
|--|---|
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)                                      | <b>b) Non FSI area (sq. m.):</b> 285864.35 m2 |
|  | c) Total BUA area (sq. m.): 688154.56         |
|  | Approved FSI area (sq. m.): 402290.21 m2      |
| 18 (b).Approved Built up area as per DCR   | Approved Non FSI area (sq. m.): 285864.35     |
|  | Date of Approval: 01-12-2015                  |
| 19.Total ground coverage (m2)  | 66371.54                                      |
| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky) | 28.69 %                                       |
| 21.Estimated cost of the project   | 899000000                                     |

# 22. Number of buildings & its configuration

| Serial<br>number   | Buildin   | ng Name & number   | Number of floors                     | Height of the building (Mtrs) |
|--|---|--|--------------------------------------|-------------------------------|
| 1  | Primary School                                  |  | G + 7F                               | 29.40 m                       |
| 2  | 35 WINGS  |  | G + 12 F                             | 38.15 m                       |
| 3  | High  | School No. 1 & 2   | G + 7 (pt)                           | 29.40 m                       |
| 4  |   | Hospital   | B+G + 3F                             | 15.90 m                       |
| 5  |   | 170 Wings  | G + 7F                               | 23.90 m                       |
| 6  |   | 75 Wings   | G + 9F                               | 29.60 m                       |
| 7  |   | Market   | G + 3F                               | 14.00                         |
| 23.Numbe tenants an  |   | Flats: 17610 nos.<br>Shops: 1035 Nos.<br>Hall & office: 148 Nos.<br>Hospital, Primary School | ol and High School & Market building | s                             |
| 24.Number of expected residents / 93,789 Nos. users  |   |  |                                      |                               |
| 25.Tenant density per hectare 465 Nos./ha  |   |  |                                      |                               |
| 26.Height building(s   |   | CX   | >                                    |                               |
| station to   | the road<br>learest fire                        | The project site is acces  | sed by 30m wide Virar-Nallasopara F  | toad on the west side         |
| 28.Turning<br>for easy ac<br>fire tender<br>movement<br>around the<br>excluding<br>for the pla | ccess of<br>from all<br>e building<br>the width | Min 9 m  |                                      |                               |
| 29.Existing  |   | Nil  |                                      |                               |

# **31.Production Details**



30.Details of the demolition with

disposal (If applicable)

NA

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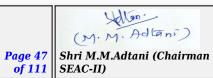
| Dry season:                        | Not app | Source of v Fresh water Recycled wr Flushing (Control Water Requirements: Fire fighting Undergrout tank(CMD) Fire fighting Overhead watenk(CMD) Excess trees   | water er (CMD): vater - CMD): vater - (CMD): pool Cum): er ent (CMD) ng - und water ): ng - water | VVCMC<br>8044 KLD<br>4374 KLD<br>235 KLD<br>-<br>12183 CMD |                |                 |                | Not applicabl  | e              |
|------------------------------------|---------|--|---|--|----------------|-----------------|----------------|----------------|----------------|
|                                    |         | Source of vertical Source of vertical water (CMD)  Fire fighting Overhead vertical Source of vertical water (CMD)  Fire fighting Overhead vertical Source of vertical water (CMD)  Excess treater (CMD)  | water er (CMD): vater - CMD): vater - (CMD): pool Cum): er ent (CMD) ng - und water ): ng - water | VVCMC<br>8044 KLD<br>4374 KLD<br>235 KLD<br>-<br>12183 CMD |                | iremen          | t              |                |                |
|                                    |         | Fresh water Recycled write Flushing (control of the service of the | er (CMD): vater - CMD): vater - (CMD): pool Cum): er ent (CMD)  ng - und water ): ng - water      | 8044 KLD<br>4374 KLD<br>235 KLD<br>-<br>12183 CMD          |                |                 |                |                |                |
|                                    |         | Recycled w Flushing ( Recycled w Gardening Swimming make up ( Total Wate Requirement : Fire fightin Undergrout tank(CMD) Fire fightin Overhead w tank(CMD) Excess trea   | vater - CMD): vater - (CMD): pool Cum): er ent (CMD)  ng - und water ): ng - water                | 4374 KLD  235 KLD  -  12183 CMD                            |                |                 |                |                |                |
|                                    |         | Flushing (Control Recycled was Gardening Swimming make up (Control Water Requirements:  Fire fighting Undergrout tank (CMD)  Fire fighting Overhead was tank (CMD)  Excess treater the service of the ser | comp): vater - (CMD): pool cum): er ent (CMD)  ng - ind water ): ng - water                       | 235 KLD - 12183 CMD  |                |                 |                |                |                |
|                                    |         | Gardening Swimming make up (C Total Water Requirement : Fire fightin Undergrout tank(CMD) Fire fightin Overhead totank(CMD) Excess trea  | pool Cum): er ent (CMD)  ng - und water ): ng - water   | -<br>12183 CMD   |                |                 |                | Q.             |                |
|                                    |         | make up (6 Total Water Requirements: Fire fightin Undergrout tank(CMD) Fire fightin Overhead water tank(CMD) Excess treater to the control of | cum): er ent (CMD)  ng - und water ): ng - water  |  |                |                 |                | N.S            |                |
|                                    |         | Requirement: Fire fighting Undergrout tank (CMD) Fire fighting Overhead to tank (CMD) Excess treaters  | ent (CMD)  ng -  nd water  ng -  water  |  |                |                 |                | 7,             |                |
| Wet season:                        |         | Undergroutank(CMD) Fire fightin Overhead v tank(CMD) Excess trea   | and water<br>):<br>ng -<br>water  | As per fire 1  | NOC            |                 |                |                |                |
| Wet season:                        |         | Overhead v<br>tank(CMD)<br>Excess trea   | water   |  |                | As per fire NOC |                |                |                |
| Wet season:                        |         |  | , .   | As per fire NOC  |                |                 |                |                |                |
| Wet season:                        |         | Source of v  | ated water  | 6890   |                |                 |                |                |                |
| Wet season:                        |         | Source of t  | water   | VVCMC  |                |                 |                |                |                |
| Wet season:                        |         | Fresh water  | er (CMD):   | 7192 KLD   |                |                 |                |                |                |
| Wet season:                        |         | Recycled w<br>Flushing (   |   | 4074 KLD   |                |                 |                |                |                |
| Wet season:                        |         | Recycled w<br>Gardening  |   |  | ,              |                 |                |                |                |
| Wet season:                        |         | Swimming<br>make up (  |   |  |                |                 |                |                |                |
|                                    |         | Total Wate<br>Requireme  |   | 11987  |                |                 |                |                |                |
|                                    |         | Fire fightin<br>Undergroutank(CMD)   | nd water  | As per fire NOC  |                |                 |                |                |                |
|                                    |         | Fire fighting -<br>Overhead water<br>tank(CMD):  |   | As per fire NOC  |                |                 |                |                |                |
|                                    |         | Excess trea  | ated water  | 7125   |                |                 |                |                |                |
| Details of Swimpool (If any)       | ming    | NA   |   |  |                |                 |                |                |                |
| 33.Details of Total water consumed |         |  |   |  |                |                 |                |                |                |
| Particula<br>rs                    | Cons    | sumption (C  | CMD)  | 1  | Loss (CMD)     |                 | Ef             | fluent (CM     | D)             |
| Water<br>Require Exis              | sting   | Proposed   | Total   | Existing   | Proposed       | Total           | Existing       | Proposed       | Total          |
| Domestic N appli                   | т.,     | Not applicable   | Not applicable  | Not applicable   | Not applicable | Not applicable  | Not applicable | Not applicable | Not applicable |



|  | Level of the Ground water table:           | 2 -3 m  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|
|  | Size and no of RWH tank(s) and Quantity:   | 13 RWH Tanks of total capacity 1450 KLD   |  |  |  |  |  |
|  | Location of the RWH tank(s):               | Ground  |  |  |  |  |  |
| 34.Rain Water<br>Harvesting                  | Quantity of recharge pits:                 | Nil   |  |  |  |  |  |
| (RWH)  | Size of recharge pits :                    | Nil   |  |  |  |  |  |
|  | Budgetary allocation (Capital cost) :      | Rs. 110 Lakhs   |  |  |  |  |  |
|  | Budgetary allocation (O & M cost) :        | Rs. 6 Lakhs/year  |  |  |  |  |  |
|  | Details of UGT tanks if any:               | Below ground  |  |  |  |  |  |
|  |  |   |  |  |  |  |  |
|  | Natural water drainage pattern:            | Towards South west side   |  |  |  |  |  |
| 35.Storm water drainage                      | Quantity of storm water:                   | 16,624 m3/hr  |  |  |  |  |  |
|  | Size of SWD:                               | 1) 450 X 450 mm 2) 450 X 600 mm 3) 600 X 650 mm 4) 750 X 900 mm wide channel        |  |  |  |  |  |
|  |  |   |  |  |  |  |  |
|  | Sewage generation in KLD:                  | 11379 KLD   |  |  |  |  |  |
|  | STP technology:                            | MBBR Technology   |  |  |  |  |  |
| Sewage and                                   | Capacity of STP (CMD):                     | 4 STP's with total capacity of 12000 KLD  |  |  |  |  |  |
| Waste water                                  | Location & area of the STP:                | Ground  |  |  |  |  |  |
|  | Budgetary allocation (Capital cost):       | Rs. 1200 Lakhs  |  |  |  |  |  |
|  | Budgetary allocation (O & M cost):         | Rs. 240 Lakhs/y   |  |  |  |  |  |
|  | 36.Solid                                   | d waste Management  |  |  |  |  |  |
| Waste generation in                          | Waste generation:                          | Construction debris generation: 15252 m3  |  |  |  |  |  |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | The construction debris will be utilized at site for Road Paving and plinth filling |  |  |  |  |  |
|  | Dry waste:                                 | 18069 kg/d  |  |  |  |  |  |
|  | Wet waste:                                 | 27104 kg/d  |  |  |  |  |  |
| Wasta gangratian                             | Hazardous waste:                           | NA  |  |  |  |  |  |
| Waste generation in the operation Phase:     | Biomedical waste (If applicable):          | 1470 kg/month   |  |  |  |  |  |
| I IIIIO                                      | STP Sludge (Dry sludge):                   | 114 m3/day  |  |  |  |  |  |
|  | Others if any:                             | -   |  |  |  |  |  |
|  |  |   |  |  |  |  |  |







|   |                 | Dry waste:                        |                            | Dry garbag        | e will be s  | segregate                      | d & di         | sposed                      | off to | recyclers                           |
|---|-----------------|-----------------------------------|----------------------------|-------------------|--|--------------------------------|----------------|-----------------------------|--------|-------------------------------------|
|   |                 | Wet waste                         | :                          |                   | Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping. |                                |                |                             |        |                                     |
| Mode of 1   | Disposal        | Hazardous                         | waste:                     | NA                |  |                                |                |                             |        |                                     |
| of waste:   | Pishosqi        | Biomedica applicable              |                            | Handed ove        | er to MPC  | B authori                      | ized ag        | ency fo                     | r safe | e disposal                          |
|   |                 | STP Sludg sludge):                | e (Dry                     | Sludge use        | Sludge use as manure for gardening   |                                |                |                             |        |                                     |
|   | Others if a     |                                   | ny:                        | -                 |  |                                |                |                             |        |                                     |
|   |                 | Location(s                        | ):                         | Ground            |  |                                |                |                             |        |                                     |
| Area<br>requirem  | ent:            | Area for the of waste & material: |                            | 1350 m2           | 1350 m2  |                                |                |                             |        |                                     |
|   |                 | Area for m                        | nachinery: 675 m2          |                   | 5 m2   |                                |                |                             |        |                                     |
| Budgetary   |                 | Capital cos                       | st:                        | Rs. 120 Lal       | khs  |                                |                |                             |        |                                     |
| (Capital co<br>O&M cost)  |                 | O & M cos                         | t:                         | Rs. 50 Lakhs/year |  |                                |                |                             |        |                                     |
|   |                 | -                                 | 37.E                       | ffluent C         | harecte  | erestic                        | S              |                             |        |                                     |
| Serial<br>Number  | Paran           | neters                            | Unit                       |                   | Effluent<br>terestics  |                                |                | Effluen<br>erestic          |        | Effluent discharge standards (MPCB) |
| 1   | Not applicable  |                                   | Not<br>applicable          | Not applicable    |  |                                | Not applicable |                             |        | Not applicable                      |
| Amount of effluent generation (CMD):  |                 |                                   | Not applica                | Not applicable    |  |                                |                |                             |        |                                     |
| Capacity of   | the ETP:        |                                   | Not applica                | able              |  | <u> </u>                       |                |                             |        |                                     |
| Amount of treated effluent recycled:  |                 |                                   | Not applica                | able              |  |                                |                |                             |        |                                     |
| Amount of v   |                 |                                   | Not applica                |                   |  |                                |                |                             |        |                                     |
| Membership  | •               |                                   | Not applica                |                   |  |                                |                |                             |        |                                     |
| Note on ETI   |                 |                                   | Not applica                |                   |  |                                |                |                             |        |                                     |
| Disposal of   | the EIP sluc    | ige                               | Not applica                | azardous          | Masta  | Dotoi                          | le.            |                             |        |                                     |
| Serial  |                 | 1                                 | 38.П                       | azaruous<br>T     | waste  | Detai                          | IS             |                             | I      |                                     |
| Number  | Descr           | iption                            | Cat                        | UOM               | Existing   |                                |                | Tota                        |        | Method of Disposal                  |
| 1   | Not app         | plicable                          | Not<br>applicable          | Not<br>applicable | Not<br>applicabl   |                                | ot<br>cable    | No<br>applica               |        | Not applicable                      |
|   | AA,             |                                   | 39.S                       | tacks em          | ission   | Detail                         | S              |                             |        |                                     |
| Serial<br>Number  | Section & units |                                   | Fuel Used with<br>Quantity |                   | Stack No   | o. Hei<br>fro<br>grow<br>level | om<br>und      | Internal<br>diameter<br>(m) |        | Temp. of Exhaust<br>Gases           |
| 1   | Not applicable  |                                   | Not ap                     | plicable          | Not<br>applicabl   |                                | ot<br>cable    | No<br>applica               | -      | Not applicable                      |
|   |                 |                                   | 40.De                      | tails of I        | uel to   | be use                         | ed             |                             |        |                                     |
| Serial<br>Number  | Type of Fuel    |                                   |                            | Existing          |  | Prop                           | osed           |                             |        | Total                               |
| 1   |                 | applicable                        | ]                          | Not applicab      | е  | Not app                        | olicabl        | е                           |        | Not applicable                      |
|   |                 |                                   |                            | applicable        |  |                                |                |                             |        |                                     |
| 42.Mode of  | Transportat     | ion of fuel to                    | site Not a                 | applicable        |  |                                |                |                             |        |                                     |
| Mr. Surykant Nikam  SEAC Meeting No: 95 Meeting Date: April 8.  Page 48 Shri M.M.Adtani (Chairman |                 |                                   |                            |                   |  |                                |                |                             |        |                                     |



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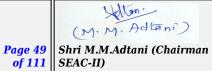
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|                              | Total RG area:                          | 47085.07 m2        |  |  |  |
|------------------------------|---|--------------------|--|--|--|
| 43.Green Belt<br>Development | No of trees to be cut :                 | 0                  |  |  |  |
|                              | Number of trees to be planted :         | 3000 Nos.          |  |  |  |
|                              | List of proposed native trees :         | As Mentioned Below |  |  |  |
|                              | Timeline for completion of plantation : | 2 Years            |  |  |  |

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

|                  | 44. Number and list of trees species to be planted in the ground |                        |          |   |  |  |
|------------------|--|------------------------|----------|---|--|--|
| Serial<br>Number | Name of the plant  | Common Name            | Quantity | Characteristics & ecological importance   |  |  |
| 1                | Azadirachta Indica   | Neem                   | 118 Nos. | Large tree, good for roadside plantation  |  |  |
| 2                | Albizia Lebbeck  | Sirish                 | 126 Nos. | Shady tree, yellowish green fragrant flowers                                      |  |  |
| 3                | Alstonia Scholaris   | Saptaparn              | 105 Nos. | An evergreen Tree   |  |  |
| 4                | Bauhinea Purpurea  | Kanchan                | 78 Nos.  | A Pink butterfly tree   |  |  |
| 5                | Erythrina Indica   | Pangara                | 135 Nos. | Medium sized deciduous tree.<br>Bright scarlet flowers.                           |  |  |
| 6                | Peltophorum<br>Ferruguneum                                       | Copper Pod Tree        | 105 Nos. | A Ornamental tree   |  |  |
| 7                | Cassia Fistula   | Bahava                 | 93 Nos.  | Medium sized deciduous tree.<br>Beautiful yellow flowers, Butterfly<br>host plant |  |  |
| 8                | Lagestromia Speciosa   | Flos Reginae           | 96 Nos.  | A flowering Plant   |  |  |
| 9                | Butea Monosperma   | Palas, Flame of Forest | 105 Nos. | Medium sized deciduous tree.<br>Beautiful orange flowers, Butterfly<br>host plant |  |  |
| 10               | Pongamia Pinnata   | Karanj                 | 87 Nos.  | Shady tree.   |  |  |
| 11               | Milligtonia Hortensis  | Indian Cork Tree       | 102 Nos. | An evergreen tree with white flowers  |  |  |
| 12               | Terminilia Coniata   | Arjun                  | 90 Nos.  | A evergreen avenue tree   |  |  |
| 13               | Brassia Actinophylla   | Umbrella Plant         | 99 Nos.  | A large ornamental tree   |  |  |
| 14               | Mimosups Elengii   | Bakul                  | 108 Nos. | Shady tree, small white fragrant flowers  |  |  |
| 15               | Plumeria Alba  | Chapha                 | 84 Nos.  | Medium sized evergreen tree,<br>fragrant white flowers, Butterfly<br>host plant   |  |  |
| 16               | Bambusa Vulgaris Golden Bambo<br>Verigated                       |                        | 81 Nos.  | -   |  |  |
| 17               | Anthocephallus<br>Cadamba  | Kadamb                 | 106      | Shady, large tree, ball shaped flowers.   |  |  |
| 18               | Erythrina Indica   | Pangara                | 99       | Medium sized deciduous tree.<br>Bright scarlet flowers.                           |  |  |
| 19               | Nefium Indicun   | Kanher                 | 110      | A small flowering plant   |  |  |
| 20               | Cocos Nucifera   | Coconut                | 84       | A fruit bearing tree  |  |  |





| 21     | Lagerstroemia Flos<br>Regineae | Tamhan          | 123           | State flower tree of Maharashtra<br>Medium sized tree, beautiful<br>purple flowers |
|--------|--------------------------------|-----------------|---------------|--|
| 22     | Murraya Paniculata             | Kunti           | 90            | Small tree, Fragrant white flowers,<br>Butterfly host plant                        |
| 23     | Acacia Catechu                 | Khair           | 125           | A deciduous, thorny tree   |
| 24     | Aegle Marmelos                 | Bel             | 102           | small to medium-sized tree with medicinal and spiritual value                      |
| 25     | Alangium Salvifolium           | Ankol           | 99            | A flowering plant  |
| 26     | Mangifera Indica               | Mango           | 102           | An evergreen fruit bearing tree  |
| 27     | Syzygium Cumini                | Jamun           | 105           | A fruit bearing tree   |
| 28     | Psidium Guajava                | Guava           | 108           | A evergreen fruit bearing tree   |
| 29     | Manilkara Zapota               | Chiku           | 90            | A small evergreen fruit bearing tree   |
| 30     | Annona Reticulata              | Custard Apple   | 45            | A fruit bearing tree   |
| 45     | 5.Total quantity of plan       | its on ground   |               |  |
| 46.Nun | nber and list of sl            | rubs and bushes | species to be | planted in the podium RG:  |

| Serial<br>Number | Name | C/C Distance | Area m2 |
|------------------|------|--------------|---------|
| 1                | -    | •            | -       |

| 47.Energy    |  |          |  |  |
|--------------|--|----------|--|--|
|              | Source of power supply:  | MSEDCL   |  |  |
|              | During Construction<br>Phase: (Demand<br>Load)                         | 1000 W   |  |  |
|              | DG set as Power<br>back-up during<br>construction phase                | 500 W    |  |  |
| Power        | During Operation phase (Connected load):                               | -        |  |  |
| requirement: | During Operation phase (Demand load):                                  | 45 MW    |  |  |
| Si           | Transformer:   | -        |  |  |
|              | DG set as Power<br>back-up during<br>operation phase:                  | 8250 kVA |  |  |
|              | Fuel used:   | HSD      |  |  |
|              | Details of high<br>tension line passing<br>through the plot if<br>any: | -        |  |  |

 ${\bf 48. Energy\ saving\ by\ non-conventional\ method:}$ 







Allen!

- Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement
- Use of AC and façade system to reduce heat gain and power consumption
- Use of low-e glass to reduce power requirement
- Large central atriums for natural cross-ventilation
- Solar lighting in common areas, garden and road
- Solar hot water for residential buildings
- Solar street lights will be proposed

applicable

• Energy efficient lighting fixtures (LED lights) to all buildings

#### **49.Detail calculations & % of saving:**

| Serial<br>Number                        | Energy Conservation Measures      | Saving %                 |  |  |  |  |
|---|-----------------------------------|--------------------------|--|--|--|--|
| 1                                       | Total Energy Saving               | 20.5%                    |  |  |  |  |
| 50.Details of pollution control Systems |                                   |                          |  |  |  |  |
| Source                                  | Existing pollution control system | Proposed to be installed |  |  |  |  |
| Not                                     | Not applicable                    | Not applicable           |  |  |  |  |

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

Capital cost:

Rs. 1275 Lakhs

O & M cost:

Rs. 60 Lakhs/y

## 51. Environmental Management plan Budgetary Allocation

## a) Construction phase (with Break-up):

| Serial<br>Number | Attributes   | Parameter   | Total Cost per annum (Rs. In Lacs) |
|------------------|--|---|------------------------------------|
| 1                | Water spray for dust<br>suppression (One<br>water Tanker to spray<br>water )                         |   | 9                                  |
| 2                | Site sanitation<br>(Toilets)   | -   | 13                                 |
| 3                | Environmental<br>Monitoring  | (As per the CPCB<br>guidelines through<br>MoEF Approved<br>laboratories - Ambient<br>Air-RSPM, PM2.5,<br>SO2, NOx, CO), Noise:<br>Leq day time and<br>Night Time) | 5                                  |
| 4                | Portable Water Supply to Labour Camp   | -   | 9                                  |
| 5                | Health check-up & first aid  | -   | 7                                  |
| 6                | Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.) | -   | 15                                 |
| 7                | Traffic Management<br>(Sign Boards, Persons<br>at entry exit and<br>Parking area)                    | -   | 4                                  |
| 8                | Safety nets  | -   | 20                                 |
| 9                | Tyre cleaning and<br>Vehicle maintenance   | -   | 5                                  |



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| 10                    | Solid W<br>Manageme<br>maintenanc          | nt & Site   | -   |  |                          |  |                     |                          | 7                   |                            |                         |
|-----------------------|--|---|---|--|--------------------------|--|---------------------|--------------------------|---------------------|----------------------------|-------------------------|
| 11                    | Safety - Tra<br>Workers (*<br>Year), Safet | Twice in  | -   |  |                          |  |                     |                          | 8                   |                            |                         |
| 12                    | Total (                                    | Cost  | -   |  |                          |  |                     |                          | 102                 |                            |                         |
|                       |  | b   | ) Operati   | ion Pl   | hase                     | e (wi  | th Breal            | k-up)                    | ):                  |                            |                         |
| Serial<br>Number      | Compo                                      | nent  | Descr   | iption   |                          | Capi   | tal cost Rs<br>Lacs | . In                     |                     | tional and<br>ost (Rs. in  | Maintenance<br>Lacs/yr) |
| 1                     | STP (Tertiary)                             |   | Continuou<br>Enviro<br>Monitoring<br>STP outl<br>quality for<br>COD, SS, F<br>Phosphate | nment<br>g: Month<br>et water<br>pH, BO<br>C, Nitra                        | nly,<br>r<br>DD,<br>ate, | 1200   |                     | 240                      |                     |                            |                         |
| 2                     | Solar Sy                                   | ystem   | Quar  | terly  |                          |  | 1275                |                          |                     | 60                         |                         |
| 3                     | Solid w<br>manage                          |   | Continuo  | us 0 & 1   | M                        |  | 540                 |                          | 0                   | 150                        |                         |
| 4                     | Rainwater h                                | narvesting  | (cleaning<br>Contour tre<br>filtration u  | ng rainy season aning of SWD, ur trenches and ion units before iny season) |                          | 110  |                     | 6                        |                     |                            |                         |
| 5                     | Landso                                     | cape  | Da  | ily  |                          |  | 450                 |                          | 50                  |                            |                         |
| 6                     | Environr<br>Monito                         |   | As per th<br>guidelines<br>MoEF As<br>labora  | s throug<br>pproved  | Jh                       | -  |                     | 3                        |                     |                            |                         |
| 7                     | Total (                                    | Cost  | -   | - ( )  | 7                        |  | 3575                |                          | 509                 |                            |                         |
| 51.S                  | torage                                     | of che  | micals  | (infl<br>sub   |                          |  | s)                  | osiv                     | e/haz               | zardou                     | s/toxic                 |
| Description Status    |  | Location  | Storage<br>Capacity<br>in MT  |  | acity                    | Maximum Quantity of Storage at any point of time in MT | / Mo                | umption<br>onth in<br>MT | Source of<br>Supply | Means of<br>transportation |                         |
| Not app               | Not applicable Not applicable              |   | Not applica   |  |                          | Not<br>licable   | Not applicable      | Not applicable           |                     | Not applicable             | Not applicable          |
|                       | 52.Any Other Information                   |   |   |  |                          |  |                     |                          |                     |                            |                         |
| No Informa            | No Information Available                   |   |   |  |                          |  |                     |                          |                     |                            |                         |
| 53.Traffic Management |  |   |   |  |                          |  |                     |                          |                     |                            |                         |
|                       | 1  | Nos. of the<br>to the main<br>design of<br>confluence | n road &  | -  |                          |  |                     |                          |                     |                            |                         |







|                  | Number and area of basement:  | 1 basement for hospital bldg.: 5792.54 m2   |  |  |  |
|------------------|---|---|--|--|--|
|                  | Number and area of podia:   | -   |  |  |  |
|                  | Total Parking area:   | 1,83,345 m2   |  |  |  |
|                  | Area per car:   | 25.4 m2   |  |  |  |
|                  | Area per car:   | 25.4 m2   |  |  |  |
| Parking details: | Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 17554 Nos.  |  |  |  |
|                  | Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 5145 Nos.   |  |  |  |
|                  | Public Transport:   | -   |  |  |  |
|                  | Width of all Internal roads (m):  | Min 6 m   |  |  |  |
|                  | CRZ/ RRZ clearance obtain, if any:  | NA  |  |  |  |
|                  | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Tungareshwar Wildlife sanctuary: 6.8 km   |  |  |  |
|                  | Category as per<br>schedule of EIA<br>Notification sheet  | 8 (a)   |  |  |  |
|                  | Court cases pending if any  | Case is filed against us vide no. 88/2015 before JMFC, Vasai Court for violation of EIA Notification 2006 |  |  |  |
|                  | Other Relevant<br>Informations  | NA.   |  |  |  |
|                  | Have you previously submitted Application online on MOEF Website.                                       | Yes   |  |  |  |
| 1                | Date of online submission   | 13-04-2017  |  |  |  |

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC





PP was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engg. Pvt. Ltd.

PP informed that, the project under consideration is *proposed Residential & Commercial Project. PP further stated that, t*he total plot area of the project is 378746.39 Sq.mt. having total construction area area 688154.56 Sq.mt. (FSI - 402290.21 sq.mt + NON FSI- 285864.35 sq.mt) and the building configuration is as follow-

| Building Name & number | Number of floors | Height (Mtrs) |
|------------------------|------------------|---------------|
| Primary School         | G + 7F           | 29.40 m       |
| 35 WINGS               | G + 12 F         | 38.15 m       |
| High School No. 1 & 2  | G + 7 (pt)       | 29.40 m       |
| Hospital               | B+G + 3F         | 15.90 m       |
| 170 Wings              | G + 7F           | 23.90 m       |
| 75 Wings               | G + 9F           | 29.60 m       |
| Market                 | G + 3F           | 14.00         |

The project earlier considered in 89th SEAC-2 meeting held on 20-02-2019 and noted that proposal under consideration is of Violation of EIA Noti?cation 2006, as amended and de?ned in MoEF & CC noti?cation dated 14th March 2017 & 8th March 2018. ToR has been approved for the proposal in 62nd (Part A) SEAC-2 meeting held on 07-06-2018. Additionally, in order to asses for the Environmental Damage and for Estimation of Remediation Costs, additional ToR accorded for remediation plan and natural & community resource augmentation plan as ?nalised in 87th SEAC-2 meeting held on 7/02/2019 and made available on website in public domain under 'Public Document of ec website (ec.mpcb.in).

It is noted that, PP applied for EC on 21/03/2011. During the appraisal then SEAC2 noted that, 52304.26 sq mtr construction initiated by the PP without prior EC. Then SEAC 2 recommended the proposal to SEIAA as per then procedure, in its  $40^{th}$  meeting held on 17-18/11/2015. Then SEIAA deferred the proposal until the outcome of Criminal Case filed in first class Judicial Magistrate at Vasai on 12/01/2016.

It is further noted that, Out of proposed 688154.56 sq mtr TBA, as on date, TBA of 463274.76Sq.mt has been completed. So PP continues the construction without EC even after violation identified. Committee is of the opinion that, the PP wilfully continue the violation. This is very serious environmental issue.

It is noted that, para (4) in Notification dated 14.03.2017 regarding violation stipulates that the cases of violation will be appraised by SEACs with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law. In the project under consideration, violation identified in year 2014 as 52304.26 sq mtr construction initiated by the PP without prior EC and continue with the construction which is till date 463274.76 sq mtr. PP informed during the meeting that the first

## **DECISION OF SEAC**

PP further informed that sewer line network is not there to carry the excess treated waste water.

Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 95 Meeting Date: April 8, 2019

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Considering this, after deliberation Committee decided to recommend the proposal for rejection of EC & for further necessary legal action in he said matter.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

SEAC-II have decided to recommend the proposal for rejection subject to above reasons.



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# Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 95 Meeting Date April 8, 2019

**Subject:** Environment Clearance for Amendment in EC for Residential Development with shops at village Daighar, District - Thane.

Is a Violation Case: No

| Is a Violation Case: No   |   |
|---|---|
| 1.Name of Project   | Amendment in EC for Residential Development with shops  |
| 2.Type of institution   | Private   |
| 3.Name of Project Proponent   | M/s. Glory Township LLP   |
| 4.Name of Consultant  | M/s. Ultra-Tech   |
| 5.Type of project   | Residential Development with shops  |
| 6.New project/expansion in existing project/modernization/diversification in existing project                   | Amendment in EC   |
| 7.If expansion/diversification,<br>whether environmental clearance<br>has been obtained for existing<br>project | The project has received Environmental Clearance dt 18.06.2015 form EAC, Delhi, MoEF & CC (F. No. 21-141/2014-IA.III) |
| 8.Location of the project   | Plot bearing S. no. 89, 88/4, 90/2/5, 90/2/4, 90/1, 90/4, 101/1-2, 101/2, 101/3 of village Daighar, District - Thane. |
| 9.Taluka  | Thane   |
| 10.Village  | Daighar   |
| Correspondence Name:  | M/s. Glory Township LLP   |
| Room Number:  | Shop no. 4  |
| Floor:  |   |
| Building Name:  | Janki Niwas   |
| Road/Street Name:   | Dr. Moose Road  |
| Locality:   | Near Gadkari Rangaytan  |
| City:   | Thane   |
| 11.Area of the project  | Thane Municipal Corporation (T.M.C.)  |
|   | Received Commencement Certificate from T.M.C. V.P. No. S11/0181/18 dt. 15.10.2018                                     |
| 12.IOD/IOA/Concession/Plan<br>Approval Number   | IOD/IOA/Concession/Plan Approval Number: Commencement Certificate V.P. No. S11/0181/18 dt. 15.10.2018                 |
|   | Approved Built-up Area: 31077.63  |
| 13.Note on the initiated work (If applicable)   | The total constructed area (FSI + NON FSI) on site till date: 698.45 Sq.mt.   |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)   | NA  |
| 15.Total Plot Area (sq. m.)   | 27,398.67 Sq. mt.   |
| 16.Deductions   | 6,973.13 Sq. mt.  |
| 17.Net Plot area  | 20,425.54 Sq. mt.   |
|   | a) FSI area (sq. m.): 55,557.06 Sq. mt.   |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)   | <b>b) Non FSI area (sq. m.):</b> 51,936.25 Sq. mt.  |
| Non 151)  | c) Total BUA area (sq. m.): 107493.31   |
|   | Approved FSI area (sq. m.): 31,077.63 sq.mt.  |
| 18 (b).Approved Built up area as per DCR  | Approved Non FSI area (sq. m.): 34,904.99 sq.mt.  |
|   | Date of Approval: 15-10-2018  |
| 19.Total ground coverage (m2)   | 10,617.96 Sq. mt.   |
| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky)                              | 52 %  |
| 21.Estimated cost of the project  | 2831000000  |
|   |   |

# 22. Number of buildings & its configuration



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| Serial<br>number   | Buildin                                       | ng Name & 1                | number       | Nu                                     | mber of floors                  | Height of th | e building (Mtrs) |  |  |
|--|---|----------------------------|--------------|--|---------------------------------|--------------|-------------------|--|--|
| 1  | Ві  | uilding Type               | A1           | St                                     | lt + 18th Floor                 |              | 57.75             |  |  |
| 2  | Вι  | uilding Type               | A2           | Gr./S                                  | Stilt + 18th Floor              |              | 57.75             |  |  |
| 3  | Building Type B1                              |                            |              | Gr./S                                  | Stilt + 18th Floor              |              | 57.75             |  |  |
| 4  | Ві  | uilding Type (             | C1           | Gr./S                                  | Stilt + 28th Floor              |              | 87.25             |  |  |
| 5  | Вι  | uilding Type (             | C2           | Gr./S                                  | Stilt + 28th Floor              |              | 87.25             |  |  |
| 6  | Ви  | ıilding Type l             | 01           | Basement -                             | + Stilt + Podium + 29t<br>Floor | n            | 94.15             |  |  |
| 7  | Ви  | ıilding Type l             | )2           | Basement -                             | + Stilt + Podium + 30t<br>Floor | 1            | 97.10             |  |  |
| 8  | Ви  | ıilding Type l             | )3           | Basement -                             | + Stilt + Podium + 30t<br>Floor | 1            | 97.10             |  |  |
| 9  | Ви  | ıilding Type l             | 04           | Basement -                             | + Stilt + Podium + 30t<br>Floor | n            | 97.10             |  |  |
| 10   | Building Ty                                   | уре В2 (МНА                | DA + Sale)   | Gr./S                                  | Stilt + 18th Floor              | C V          | 57.75             |  |  |
| 23.Number<br>tenants an  |   | Residential<br>Shops: 40 N |              | Nos.                                   |                                 | Up.          |                   |  |  |
| 24.Number expected rusers  |   | 5943 Nos.                  |              |  | 20                              | 3            |                   |  |  |
| 25.Tenant<br>per hectar  |   | 592 / hector               | 'S           |  | 00                              |              |                   |  |  |
| 26.Height building(s   |   |                            |              |  |                                 |              |                   |  |  |
| station to   | the road<br>earest fire                       | It is well co              | nnected with | n 60,00s mt.                           | wide Kalyan Shilphata           | Road.        |                   |  |  |
| 28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation |   |                            |              |  |                                 |              |                   |  |  |
| 29.Existing  | 9.Existing tructure (s) if any Not Applicable |                            |              |  |                                 |              |                   |  |  |
| 30.Details of the demolition with disposal (If applicable)  Not Applicable   |   |                            |              |  |                                 |              |                   |  |  |
| 31.Production Details  |   |                            |              |  |                                 |              |                   |  |  |
| Serial<br>Number   | Pro   | duct                       | Existing     | (MT/M)                                 | Proposed (MT/M)                 | Tota         | al (MT/M)         |  |  |
| 1  | Not ap  | plicable                   | Not ap       | plicable Not applicable Not applicable |                                 |              | applicable        |  |  |
|  |   | 3                          | 2.Tota       | l Wate                                 | r Requireme                     | nt           |                   |  |  |



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|                                   | Source of v                             | vater             | T.M.C./ Tan                                  | ker water fo   | or Swimming    | pool make v    | ıp             |                |  |
|-----------------------------------|---|-------------------|--|----------------|----------------|----------------|----------------|----------------|--|
|                                   | Fresh water                             | r (CMD):          | Domestic: 527 KLD (T.M.C.)                   |                |                |                |                |                |  |
|                                   | Recycled w<br>Flushing (C               |                   | 263 KLD                                      |                |                |                |                |                |  |
|                                   | Recycled w<br>Gardening                 |                   | 31 KLD                                       |                |                |                |                |                |  |
|                                   | Swimming<br>make up (C                  |                   | 4 KLD (Tanker water of potable quality)      |                |                |                |                |                |  |
| Dry season:                       | Total Water<br>Requirement:             |                   | 825 KLD                                      |                |                |                |                |                |  |
|                                   | Fire fightin<br>Undergrout<br>tank(CMD) | nd water          | 10 nos. of ta                                | anks of capa   | city 150 KL e  | each           | .0             |                |  |
|                                   | Fire fightin<br>Overhead w<br>tank(CMD) | vater             | 300 KL                                       |                |                |                | <b>*</b>       |                |  |
|                                   | Excess trea                             | ted water         | 322 KL                                       |                |                |                |                |                |  |
|                                   | Source of w                             | vater             | T.M.C./ Tan                                  | ker water fo   | or Swimming    | pool make u    | ip/ Partly by  | RWH            |  |
|                                   | Fresh water                             | r (CMD):          | Domestic: 5                                  | 527 KLD (504   | 4 form T.M.C   | . + 23 KLD     | from RWH)      |                |  |
|                                   | Recycled w<br>Flushing (C               |                   | 263 KLD                                      |                |                |                |                |                |  |
|                                   | Recycled w<br>Gardening                 |                   | NA   |                |                |                |                |                |  |
|                                   | Swimming<br>make up (C                  |                   | 4 KLD (Tanker water of potable quality)      |                |                |                |                |                |  |
| Wet season:                       | Total Water<br>Requirement:             |                   | 794 KLD                                      |                |                |                |                |                |  |
|                                   | Fire fightin<br>Undergrout<br>tank(CMD) | nd water          | 10 nos. of tanks of capacity 150 KL each     |                |                |                |                |                |  |
|                                   | Fire fightin<br>Overhead w<br>tank(CMD) | vater             | 300 KL                                       |                |                |                |                |                |  |
|                                   | Excess trea                             | ted water         | 353 KL                                       |                |                |                |                |                |  |
| Details of Swimming pool (If any) | Swimming p<br>Swimming p                |                   | e: 297.98 m3<br>up water requirement: 04 KLD |                |                |                |                |                |  |
|                                   | 33.Details of Total water consumed      |                   |  |                |                |                |                |                |  |
| Particula cons                    | sumption (C                             | nption (CMD)      |  | Loss (CMD)     | )              | Ef             | fluent (CM     | D)             |  |
| Water<br>Require<br>ment Existing | Proposed                                | Total             | Existing                                     | Proposed       | Total          | Existing       | Proposed       | Total          |  |
| Domestic Not applicable           | Not applicable                          | Not<br>applicable | Not applicable                               | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |  |
|                                   |   |                   |  |                |                |                |                |                |  |



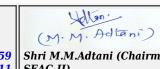


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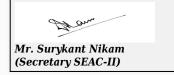
|  | Level of the Ground                        | The Ground water level is between 2.40 mt. to 2.70mt. below existing  |  |  |  |  |
|--|--|---|--|--|--|--|
|  | water table:                               | ground level.   |  |  |  |  |
|  | Size and no of RWH tank(s) and Quantity:   | 3 nos. of RWH tanks of total 85 KL capacity   |  |  |  |  |
|  | Location of the RWH tank(s):               | For building type D1, D2, D3 & D4: Basement ; For building type A1, A2, B1, B2, C1 & C2: Underground                      |  |  |  |  |
| 34.Rain Water<br>Harvesting              | Quantity of recharge pits:                 | 4 nos.  |  |  |  |  |
| (RWH)                                    | Size of recharge pits :                    |   |  |  |  |  |
|  | Budgetary allocation<br>(Capital cost) :   | Rs. 18.70 Lacs  |  |  |  |  |
|  | Budgetary allocation (O & M cost) :        | Rs. 0.65 Lacs/annum   |  |  |  |  |
|  | Details of UGT tanks if any :              | For building type D1, D2, D3 & D4: Basement<br>For building type A1, A2, B1, B2, C1 & C2: Underground                     |  |  |  |  |
|  |  |   |  |  |  |  |
| 35.Storm water                           | Natural water drainage pattern:            | The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD. |  |  |  |  |
| drainage                                 | Quantity of storm water:                   | 0.43 m3/sec   |  |  |  |  |
|  | Size of SWD:                               | 600mm wide SWD with slope 1: 500  |  |  |  |  |
|  |  |   |  |  |  |  |
|  | Sewage generation in KLD:                  | 684 KLD   |  |  |  |  |
|  | STP technology:                            | MBBR (Moving Bed Bio Reactor)   |  |  |  |  |
| Sewage and                               | Capacity of STP (CMD):                     | 720 KLD   |  |  |  |  |
| Waste water                              | Location & area of the STP:                | Location: Basement level (Area: 600 Sq. mt.)  |  |  |  |  |
|  | Budgetary allocation (Capital cost):       | Rs. 235.90 Lacs   |  |  |  |  |
|  | Budgetary allocation (O & M cost):         | Rs. 31.64 Lacs/annum  |  |  |  |  |
|  | 36.Solie                                   | d waste Management  |  |  |  |  |
| Waste generation in the Pre Construction | Waste generation:                          | Excavated earth shall be partly reused for back filling on site and partly disposed to authorized landfill site           |  |  |  |  |
| and Construction phase:                  | Disposal of the construction waste debris: | Construction waste shall be partly reused on the site and partly will be disposed to the authorized landfill site.        |  |  |  |  |
|  | Dry waste:                                 | 1579 Kg/day   |  |  |  |  |
|  | Wet waste:                                 | 1053 Kg/day   |  |  |  |  |
| Waste generation                         | Hazardous waste:                           | Not Applicable  |  |  |  |  |
| in the operation Phase:                  | Biomedical waste (If applicable):          | Not Applicable  |  |  |  |  |
|  | STP Sludge (Dry sludge):                   | 103 kg/day  |  |  |  |  |
|  | Others if any:                             | Not Applicable  |  |  |  |  |
|  | •  |   |  |  |  |  |



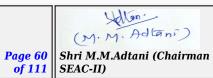




|                               |               | Dry waste:                        |                   | Non-recycle                           | able : 7    | Го Т.М | I.C ; Recyclal                        | ble: To recy                | clers                               |  |
|-------------------------------|---------------|-----------------------------------|-------------------|---------------------------------------|-------------|--------|---------------------------------------|-----------------------------|-------------------------------------|--|
|                               |               | Wet waste                         |                   | Composting in organic waste convertor |             |        |                                       |                             |                                     |  |
|                               |               | Hazardous                         | waste:            | Not Applicable                        |             |        |                                       |                             |                                     |  |
| Mode of Disposal of waste:    |               | Biomedica applicable              |                   | Not Applicable                        |             |        |                                       |                             |                                     |  |
|                               |               |                                   | e (Dry            | Use as man                            | ure         |        |                                       |                             |                                     |  |
|                               |               | Others if a                       | ny:               | Not Applica                           | able        |        |                                       |                             |                                     |  |
|                               |               | Location(s                        | ):                | Ground                                |             |        |                                       |                             |                                     |  |
| Area<br>requirem              | ent:          | Area for the of waste & material: |                   | 108 Sq. mt.                           | 108 Sq. mt. |        |                                       |                             |                                     |  |
|                               |               | Area for m                        | achinery:         | 12 Sq. mt.                            |             |        |                                       |                             |                                     |  |
| Budgetary                     |               | Capital cos                       | st:               | Rs. 9.00 La                           | .cs         |        |                                       |                             |                                     |  |
| (Capital co<br>O&M cost)      |               | O & M cos                         | t:                | Rs. 3.85 La                           | cs/ann      | um     |                                       |                             | 12                                  |  |
|                               |               |                                   | 37.Ef             | fluent C                              | hare        | cter   | estics                                | 0                           |                                     |  |
| Serial<br>Number              | Paran         | neters                            | Unit              | Inlet E<br>Charect                    |             |        |                                       | Effluent<br>erestics        | Effluent discharge standards (MPCB) |  |
| 1                             | Not app       | plicable                          | Not applicable    | Not ap                                | plicabl     | .e     | Not app                               | plicable                    | Not applicable                      |  |
| Amount of e (CMD):            | effluent gene | eration                           | Not applica       | icable                                |             |        |                                       |                             |                                     |  |
| Capacity of                   | the ETP:      |                                   | Not applica       | ble                                   |             |        |                                       |                             |                                     |  |
| Amount of t recycled:         | reated efflue | ent                               | Not applica       | cable                                 |             |        |                                       |                             |                                     |  |
| Amount of v                   | vater send to | o the CETP:                       | Not applica       | ble                                   |             |        |                                       |                             |                                     |  |
| Membership                    | o of CETP (if | require):                         | Not applica       | ble                                   |             |        |                                       |                             |                                     |  |
| Note on ETI                   | P technology  | to be used                        | Not applica       | ble                                   |             |        |                                       |                             |                                     |  |
| Disposal of                   | the ETP sluc  | lge                               | Not applica       |                                       |             |        |                                       |                             |                                     |  |
|                               |               |                                   | <b>38.</b> Ha     | zardous                               | Was         | ste D  | etails                                |                             |                                     |  |
| Serial<br>Number              | Descr         | iption                            | Cat               | UOM                                   | Exis        | ting   | Proposed                              | Total                       | Method of Disposal                  |  |
| 1                             | Not app       | plicable                          | Not<br>applicable | Not<br>applicable                     | N<br>appli  |        | Not applicable                        | Not<br>applicable           | Not applicable                      |  |
|                               |               | 77                                | 39.St             | tacks em                              | issio       | n D    | etails                                |                             |                                     |  |
| Serial<br>Number              | Section       | & units                           | Fuel Us<br>Quar   | ed with<br>ntity                      | Stacl       | k No.  | Height<br>from<br>ground<br>level (m) | Internal<br>diameter<br>(m) | Temp. of Exhaust<br>Gases           |  |
| 1                             | DG            | Set                               |                   |                                       |             |        |                                       |                             |                                     |  |
| 40.Details of Fuel to be used |               |                                   |                   |                                       |             |        |                                       |                             |                                     |  |
| Serial<br>Number              | Тур           | e of Fuel                         |                   | Existing                              |             |        | Proposed                              |                             | Total                               |  |
| 1                             |               | HSD                               |                   |                                       |             |        |                                       |                             |                                     |  |
| 41.Source o                   | f Fuel        |                                   |                   |                                       |             |        |                                       |                             |                                     |  |
| 42.Mode of                    | Transportat   | ion of fuel to                    | site              |                                       |             |        |                                       |                             |                                     |  |
|                               |               |                                   |                   |                                       |             |        |                                       |                             |                                     |  |



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|               | Total RG area:                          | 5174.53 sq. mt.                      |
|---------------|---|--------------------------------------|
|               | No of trees to be cut :                 | Nil                                  |
| 43.Green Belt | Number of trees to be planted :         | 435                                  |
| Development   | List of proposed native trees :         | As shown below                       |
|               | Timeline for completion of plantation : | At the time of completion of project |

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

| 44. Number and list of trees species to be planted in the ground |   |             |          |   |  |  |  |
|--|---|-------------|----------|---|--|--|--|
| Serial<br>Number   | Name of the plant                       | Common Name | Quantity | Characteristics & ecological importance   |  |  |  |
| 1  | Albizia lebbeck                         | Shirish     | 21       | Shady tree, yellowish green fragrant flowers, fast growing tree, soil moisture remains high under lebbek as it provides dense canopy.   |  |  |  |
| 2  | Azadirachta indica                      | Neem        | 21       | Large tree, fast-growing evergreen<br>tree, drought resistance, Medicinal<br>properties, good for roadside<br>plantation  |  |  |  |
| 3  | Ailanthus excelsa                       | Maharukh    | 17       | Large tree, aromatic good for roadside plantation   |  |  |  |
| 4  | Pongamia pinnata /<br>Millettia pinnata | Karanj      | 7        | It has large canopy which spreads equally wide, It has potential to grow in salt water soil, drought-tolerant.  |  |  |  |
| 5  | Saraca indica                           | Sita Ashok  | 15       | Shady evergreen tree with red-<br>yellow flowers  |  |  |  |
| 6  | Anthocephallus<br>cadamba               | Kadamb      | 23       | It is a quick growing, large traffic like spreading branches, its fragment orange flowers attracts pollinators, it helps in improving physical and chemical properties of soil, Shady, large tree, ball shaped flowers. It acquires profitable medicinal and commercial properties. |  |  |  |
| 7  | Cassia Fistula                          | Bahava      | 24       | Medium sized deciduous tree. Beautiful yellow flowers, it is relatively drought tolerant and slightly salt tolerant. It has medicinal properties, Butterfly host plant.   |  |  |  |
| 8  | Mimusops elengi                         | Bakul       | 4        | Shady medium-sized evergreen tree, small white fragrant flowers, Its timber is valuable, the fruit is edible, and it is used in traditional medicine.   |  |  |  |
| 9  | Nyctanthes<br>arbortristis              | Parijat     | 55       | Small deciduous fast growing tree<br>or shrub, beautiful fragrant<br>flowers, Its leaves and bark has<br>medicinal properties.  |  |  |  |





| 10 | Lagerstroemia flos-<br>regineae | Tamhan              | 20 | State flower tree of Maharashtra Medium sized tree, beautiful purple flowers, it has medicinal properties, and wood is commercially used. Helps to control soil erosion   |
|----|---------------------------------|---------------------|----|---|
| 11 | Murraya paniculata              | Kunti               | 60 | Small tropical, evergreen tree,<br>Fragrant white flowers, planted as<br>ornamental tree, it has potential of<br>medicinal properties, family tree<br>for bees, Butterfly host plant  |
| 12 | Gmelina arborea                 | Shivan              | 19 | Fast growing tree with beautiful yellow flowers, its timber is used in constructions, furniture, carriages, sports, musical instruments and artificial limbs. Its root, bark and fruit have medicinal properties.                     |
| 13 | Bauhinia racemosa               | Apta                | 10 | Small tree with small white<br>flowers, leaves, Butterfly host<br>plant   |
| 14 | Caryota urens                   | Fish Tail palm      | 15 | Solitary-trunked tall evergreen tree. Pulp of the fully grown up plant is cut, sun dried, powdered and is edible. Ornamental plant.   |
| 15 | Michelia champaca               | Sonchafa            | 13 | Medium sized evergreen tree,<br>strongly fragrant yellow flowers<br>used in perfume industry, Butterfly<br>host plant   |
| 16 | Putranjiva roxburghii           | Putrajiva           | 8  | Medium sized evergreen tree, Its bark, leaves and fruit has medicinal properties.   |
| 17 | Citrus sp.                      | Lemon               | 77 | Small evergreen tree, Fruit is edible, Butterfly host plant   |
| 18 | Dillenia indica                 | Elephant apple tree | 18 | It is an evergreen large shrub or small to medium-sized tree growing to 15 m tall. Fruit pulp is bitter-sour and used in Indian cuisine in curries, jam and jellies. It is extensively used in Dal and in fish preparations in Assam. |
| 19 | Millingtonia hortensis          | Indian cork tree    | 8  | It grows upto18 to 25 m high and leaves up to 40 years. It grows well in various soil types. White pleasant fragrant flowers. Birds fed on its fruit.   |
| 4. | 5.Total quantity of plan        | nts on ground       |    |   |

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

| Serial<br>Number | Name | C/C Distance | Area m2 |
|------------------|------|--------------|---------|
| 1                |      |              |         |

47.Energy



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|                    | Source of power supply:  | Maharashtra State Electricity Distribution Company Limited (MSEDCL) |
|--------------------|--|---|
|                    | During Construction<br>Phase: (Demand<br>Load)                         | 150 KW  |
|                    | DG set as Power<br>back-up during<br>construction phase                | As per requirement  |
|                    | During Operation phase (Connected load):                               | 13942 KW  |
| Power requirement: | During Operation phase (Demand load):                                  | 8604 KW   |
|                    | Transformer:   | 4 nos. of 1000 kVA  |
|                    | DG set as Power<br>back-up during<br>operation phase:                  | 1x500 kVA, 1x225 kVA, 1x750 kVA and 1x910 kVA                       |
|                    | Fuel used:   | Diesel  |
|                    | Details of high<br>tension line passing<br>through the plot if<br>any: | NA  |

## 48. Energy saving by non-conventional method:

LED lights instead of conventional CFL/T5 lamps High Efficiency motors with BEE 5 stars rated All water pump motors with high efficiency power Use of star rated Geyser Fluorescent light fixtures on solar system Solar panels for street lighting

## 49. Detail calculations & % of saving:

| Serial<br>Number | Energy Conservation Measures            | Saving % |  |  |  |  |  |
|------------------|---|----------|--|--|--|--|--|
| 1                | Overall energy saving                   | 21%      |  |  |  |  |  |
|                  | 50.Details of pollution control Systems |          |  |  |  |  |  |

| Source         | Existing pollution control system | Proposed to be installed |
|----------------|-----------------------------------|--------------------------|
| Sewage         |                                   | STP                      |
| Solid<br>waste | -                                 | Organic Waste Convertor  |

| Budgetary allocation<br>(Capital cost and | Capital cost: | Rs. 27.30 Lacs      |
|---|---------------|---------------------|
|   | O & M cost:   | Rs. 0.42 Lacs/annum |

# 51. Environmental Management plan Budgetary Allocation

## a) Construction phase (with Break-up):

| Serial<br>Number | Attributes      | Parameter                                       | Total Cost per annum (Rs. In Lacs) |
|------------------|-----------------|---|------------------------------------|
| 1                | Air Environment | Water for Dust<br>Suppression                   | 9.00                               |
| 2                | Air Environment | Air and Noise<br>Monitoring: On site<br>Sensors | 12.5                               |



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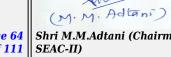
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| 3 | Air Environment                     | Air and Noise<br>Monitoring: By outside<br>MoEF & CC Approved<br>Laboratory | 1.10    |
|---|-------------------------------------|---|---------|
| 4 | Water Environment                   | Drinking water analysis   | 0.90    |
| 5 | Land Environment                    | Site Sanitation   | 5.00    |
| 6 | Health & Hygiene                    | Disinfection- Pest<br>Control   | 6.00    |
| 7 | Health & Hygiene                    | Health Check-up of<br>workers   | 22.50   |
| 8 | Cost towards Disaster<br>Management |   | 1770.30 |

# 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                | AIR & NOISE<br>ENVIRONMENT -<br>Ambient Air quality &<br>Noise Monitoring: | On site sensors   | No set up cost is<br>involved as already<br>considered<br>Construction Phase | 0.50  |
| 2                | AIR & NOISE<br>ENVIRONMENT -<br>Ambient Air quality &<br>Noise Monitoring: | By outside MoEF &<br>CC Approved<br>Laboratory                  | No set up cost is involved   | 0.22  |
| 3                | AIR & NOISE<br>ENVIRONMENT - Cost<br>for DG Stack Exhaust<br>Monitoring    | 4 nos. of stacks  | No set up cost is involved   | 0.19  |
| 4                | AIR & NOISE<br>ENVIRONMENT - Cost<br>for Plantation                        | 5174.53 Sq.mt. of RG<br>area on ground                          | 28.46  | 1.20  |
| 5                | WATER<br>ENVIRONMENT -<br>Waste water treatment                            | Cost for sewage<br>Treatment Plant                              | 217.90   | 30.61   |
| 6                | WATER ENVIRONMENT - Cost for water & waste water Monitoring                | On site sensors   | 18.00  | 1.00  |
| 7                | WATER ENVIRONMENT - Cost for water & waste water Monitoring                | By outside MoEF &<br>CC Approved<br>Laboratory                  | No set up cost is involved   | 0.027   |
| 8                | WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)      | Cost for RWH tanks  | 8.50   | 0.43  |
| 9                | WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)      | Cost for treatment unit<br>for Rain Water<br>collected in tanks | 9.00   | 0.03  |





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| 10 | WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System) | Cost for Rain water harvesting pits                      | 1.20                       | 0.06  |
|----|---|--|----------------------------|-------|
| 11 | WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System) | Cost for Rainwater<br>Monitoring                         | No set up cost is involved | 0.14  |
| 12 | LAND<br>ENVIRONMENT -<br>Solid Waste<br>Management                    | Cost for Treatment of<br>biodegradable<br>garbage in OWC | 9.00                       | 3.77  |
| 13 | LAND<br>ENVIRONMENT -<br>Solid Waste<br>Management                    | Environmental<br>Monitoring                              | No set up cost is involved | 0.08  |
| 14 | ENERGY<br>CONSERVATION - Use<br>of renewable energy                   | Solar system   | 27.30                      | 0.42  |
| 15 | Cost towards disaster management                                      |  | 1590.95                    | 36.16 |

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

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

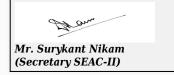
## **52.Any Other Information**

No Information Available

#### **53.Traffic Management**

Nos. of the junction to the main road & design of confluence:

1 no. of entry and exit



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|                  | Number and area of basement:   | 1 Basement for Building type D1, D2, D3 & D4 (Area: 5943.92 sq.mt.) |
|------------------|--|---|
|                  | Number and area of podia:  | 1 Podium for Building type D1, D2, D3 & D4 (Area: 6913.93 sq.mt.)   |
|                  | Total Parking area:  | 19,177.79 Sq. mt.   |
|                  | Area per car:  |   |
|                  | Area per car:  |   |
| Parking details: | Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:  | 1340 Nos.   |
|                  | Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:  | 603 Nos.  |
|                  | Public Transport:  | Not Applicable  |
|                  | Width of all Internal roads (m):   | Min 6.0 mt.   |
|                  | CRZ/ RRZ clearance obtain, if any:   | Not Applicable  |
|                  | Distance from<br>Protected Areas /<br>Critically Polluted<br>areas / Eco-sensitive<br>areas/ inter-State<br>boundaries | Not Applicable  |
|                  | Category as per<br>schedule of EIA<br>Notification sheet   | 8 (b) B2  |
|                  | Court cases pending if any   | No  |
|                  | Other Relevant<br>Informations   | ?   |
|                  | Have you previously<br>submitted<br>Application online<br>on MOEF Website.   | Yes   |
|                  | Date of online submission  | 29-10-2018  |
| SEAC             | DISCUSSION   | ON ENVIRONMENTAL ASPECTS  |

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Mr. Surykant Nikam (Secretary SEAC-II)



Idlan:

PP was present during the meeting along with environmental consultant M/s. Ultra-Tech.

PP informed that, the project under consideration is *Residential Development with shops*. *PP further stated that,* the total plot area of the project is 27,398.67 Sq.mt. having total construction area area 107493.31Sq.mt. (FSI - 55,557.06 sq.mt + NON FSI 51,936.25 sq.mt) and the building configuration is as follow-

| Building Name & number | Number of floors                           | Height (Mtrs) |  |
|------------------------|--|---------------|--|
| Building Type A1       | Stilt + 18th Floor                         | 57.75         |  |
| Building Type A2       | Gr./Stilt + 18th Floor                     | 57.75         |  |
| Building Type B1       | Gr./Stilt + 18th Floor                     | 57.75         |  |
| Building Type C1       | Gr./Stilt + 28th Floor                     | 87.25         |  |
| Building Type C2       | Gr./Stilt + 28th Floor                     | 87.25         |  |
| Building Type D1       | Basement + Stilt + Podium + 29th Floor     | 94.15         |  |
| Building Type D2       | Basement + Stilt + Podium + 30th Floor     | 97.10         |  |
| Building Type D3       | Basement + Stilt + Podium + 30th Floor     | 97.10         |  |
| Building Type D4       | Basement + Stilt + Podium + 30th Floor     | 97.10         |  |
| Building Type B2       | e B2 (MHADA + Sale) Gr./Stilt + 18th Floor |               |  |

Project has received Environmental clearance vide letter dated 18.06.2015 for TBA 72812.92 sq mtt.( FSI 35919.58 and NonFSI 36903.27 sq mtr)

During the meeting PP informed that the acknowledgement copy from local planning Authority regarding submission of proposed building plans is not with him and requested

## **DECISION OF SEAC**



SEAC-II)

During the meeting PP informed that the acknowledgement copy from local planning Authority regarding submission of proposed building plans is not with him and requested for time to submit it. Committee agreed to this.

In view of above, the proposal is deferred and shall be considered only after the compliance of above observations.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

above.

Silling Distriction of the state of

Mr. Surykant Nikam (Secretary SEAC-II)

SEAC Meeting No: 95 Meeting Date: April 8,

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(M.M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)

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# Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

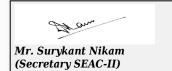
SEAC Meeting number: 95 Meeting Date April 8, 2019

Subject: Environment Clearance for Amendment in EC for Residential Project "Raheja Residency" at CTS No. 827A/1A & 827A/2 Malad (E), Mumbai

Is a Violation Case: No

| Is a Violation Case: No  |  |  |  |  |
|--|--|--|--|--|
| 1.Name of Project  | FERANI HOTELS PVT. LTD.  |  |  |  |
| 2.Type of institution  | Private  |  |  |  |
| 3.Name of Project Proponent  | Shri. D. D. Bhagwat; FERANI HOTELS PVT. LTD.   |  |  |  |
| 4.Name of Consultant   | Dr. D. A. Patil; Mahabal Enviro Engineers Pvt. Ltd.  |  |  |  |
| 5.Type of project  | Residential Project  |  |  |  |
| 6.New project/expansion in existing project/modernization/diversification in existing project          | Amendment in EC  |  |  |  |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | Earlier EC received vide letter No. SEIAA-EC-0000000315 dated 17.05.2018   |  |  |  |
| 8.Location of the project  | CTS No. 827A/1A & 827A/2 Malad (E), Mumbai   |  |  |  |
| 9.Taluka   | Borivali   |  |  |  |
| 10.Village   | Malad  |  |  |  |
| Correspondence Name:   | Shri. D. D. Bhagwat  |  |  |  |
| Room Number:   | 623  |  |  |  |
| Floor:   | Second Floor   |  |  |  |
| <b>Building Name:</b>  | Construction House - B   |  |  |  |
| Road/Street Name:  | Linking Road   |  |  |  |
| Locality:  | Opposite Khar Telephone Exchange, Khar   |  |  |  |
| City:  | Mumbai - 400052  |  |  |  |
| 11.Area of the project   | Municipal Corporation of Greater Mumbai (MCGM)   |  |  |  |
|  | IOD/CC obtained  |  |  |  |
| 12.IOD/IOA/Concession/Plan<br>Approval Number  | IOD/IOA/Concession/Plan Approval Number: CHE/7125/BP(WS)/AP; CHE/7127/BP(WS)/AP; CHE/7129/BP(WS)/AP; CHE/7131/BP(WS)/AP; CHE/7126/BP(WS)/AP; CHE/7128/BP(WS)/AP; CHE/7130/BP(WS)/AP; |  |  |  |
|  | Approved Built-up Area: 127163.95  |  |  |  |
| 13.Note on the initiated work (If applicable)  | Bldg A,B,C,D,E are existing building and Bldg F,G,H are nearing completion   |  |  |  |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                                      | NA   |  |  |  |
| 15.Total Plot Area (sq. m.)  | 57252.10   |  |  |  |
| 16.Deductions  | 1517.30  |  |  |  |
| 17.Net Plot area   | 55734.80   |  |  |  |
|  | a) FSI area (sq. m.): 177067.00  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)  | <b>b) Non FSI area (sq. m.):</b> 194997.00   |  |  |  |
| 11011-151)   | c) Total BUA area (sq. m.): 372064.00  |  |  |  |
|  | Approved FSI area (sq. m.): 51172.54   |  |  |  |
| 18 (b).Approved Built up area as per DCR   | Approved Non FSI area (sq. m.): 127163.95  |  |  |  |
|  | Date of Approval: 19-03-2016   |  |  |  |
| 19.Total ground coverage (m2)  | 29851  |  |  |  |
| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky)                     | 52.13  |  |  |  |
| 21.Estimated cost of the project   | 9457200000   |  |  |  |
| 22   |  |  |  |  |

# 22. Number of buildings & its configuration



SEAC Meeting No: 95 Meeting Date: April 8,

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(M.M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)

| Serial<br>number  | Building Name & number  |               | Number of floors           | Height of the building (Mtrs) |  |  |  |
|---|---|---------------|----------------------------|-------------------------------|--|--|--|
| number<br>1   | 3   |               |                            | <u> </u>                      |  |  |  |
| 2   | Existing Bldg   |               | St + 10                    | 36.15                         |  |  |  |
| 3   | Wing A  |               | St + 10                    | 66.35                         |  |  |  |
| 4   | Wing D  |               | St + 20                    | 66.35                         |  |  |  |
| 5   | Wing E  |               | B + St + 20                | 69.15                         |  |  |  |
| 6   |   | Wing F        |                            |                               |  |  |  |
| 7   |   | Wing G        | B + St + 20<br>B + St + 20 | 69.15                         |  |  |  |
| 8   | т   | Wing H        | D + 5t + 20                | 69.15                         |  |  |  |
| 9   | I   | Proposed Bldg | B + P + St + 20            | -<br>69.95                    |  |  |  |
|   |   | Wing BC       |                            |                               |  |  |  |
| 10  |   | Wing I        | B + St + U St + 35         | 119.95                        |  |  |  |
| 11  |   | Wing J        | B + St + U St + 35         | 119.95                        |  |  |  |
| 12  |   | Wing K        | B + St + U St + 35         | 119.95                        |  |  |  |
| 13  | Wing L  |               | B + St + U St + 35         | 119.95                        |  |  |  |
| 14  |   | Wing M        | 2B + St + 34               | 119.05                        |  |  |  |
| 15  | Wing N  |               | 2B + St + 34               | 119.05                        |  |  |  |
| 16  | Wing P  |               | 3B + St + 20               | 69.95                         |  |  |  |
| 17  | Wing Q  |               | 3B + St + 29               | 102.65                        |  |  |  |
| 18  | Wing R  |               | 3B + St + 31               | 109.05                        |  |  |  |
| 19  |   | Wing S        | 3B + St + 29               | 102.65                        |  |  |  |
| 20  |   | Wing T        | 3B + St + 20               | 69.95                         |  |  |  |
| 21  |   | Club House    | B + G + 1                  | 08.00                         |  |  |  |
|   | 3.Number of enants and shops Flats: 2144 Nos.   |               |                            |                               |  |  |  |
| 24.Number of expected residents / 10,720 Nos. users   |   |               |                            |                               |  |  |  |
| 25.Tenant density per hectare   |   | 385           |                            |                               |  |  |  |
| 26.Height building(s  |   |               |                            |                               |  |  |  |
| (Width of from the n station to   | 7.Right of way Width of the road om the nearest fire tation to the roposed building(s)  The project site is accessible by 36.6 m wide Reservoir Road off General Arun Kumar Vaidya Marg from West side and 18.30 m wide road from North and East side |               |                            |                               |  |  |  |
| 28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation |   | 9 m           |                            |                               |  |  |  |
| 29.Existing   |   |               |                            |                               |  |  |  |
| l   |   |               |                            |                               |  |  |  |





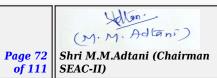
|  | 31.Production Details |  |                              |                        |            |              |          |          |       |  |
|--|-----------------------|--|------------------------------|------------------------|------------|--------------|----------|----------|-------|--|
| Serial<br>Number   | Proc                  | oduct Existing                                     |                              | (MT/M) Proposed (MT/M) |            | Total (MT/M) |          |          |       |  |
| 1  |                       |  |                              | -                      | -          |              |          | -        |       |  |
| -  |                       | 32   | 2.Tota                       | al Water Requirement   |            |              |          |          |       |  |
|  |                       | Source of wa                                       | purce of water MCGM          |                        |            |              |          |          |       |  |
|  |                       | Fresh water (CMD):                                 |                              | 965                    |            |              |          |          |       |  |
|  |                       | Recycled water -<br>Flushing (CMD):                |                              | 482                    |            |              |          |          |       |  |
|  |                       | Recycled water -<br>Gardening (CMD):               |                              | 70                     |            |              |          |          |       |  |
| Dry season:  |                       | Swimming p<br>make up (Cu                          |                              | 12                     |            |              |          |          |       |  |
|  |                       | Total Water<br>Requiremen<br>:                     |                              | 1459                   |            |              |          |          |       |  |
|  |                       | Fire fighting<br>Undergroun<br>tank(CMD):          |                              | AS PER NBO             | AS PER NBC |              |          |          |       |  |
|  |                       | Fire fighting<br>Overhead watank(CMD):             |                              | AS PER NBC             |            |              |          |          |       |  |
|  |                       | Excess treat                                       | ed water                     | · 785                  |            |              |          |          |       |  |
|  |                       | Source of wa                                       | ater                         | MCGM                   |            |              |          |          |       |  |
|  |                       | Fresh water  |                              | 819                    |            |              |          |          |       |  |
|  |                       | Recycled wa<br>Flushing (C)                        |                              | 482                    |            |              |          |          |       |  |
|  |                       | Recycled wa<br>Gardening (                         |                              | 0                      |            |              |          |          |       |  |
|  |                       |  | Swimming pool make up (Cum): |                        | 12         |              |          |          |       |  |
|  |                       | Total Water<br>Requirement:                        |                              |                        | 1459       |              |          |          |       |  |
|  |                       | Fire fighting -<br>Underground water<br>tank(CMD): |                              | AS PER NBC             |            |              |          |          |       |  |
|  |                       | Fire fighting<br>Overhead watank(CMD):             |                              | AS PER NBC             |            |              |          |          |       |  |
|  |                       | Excess treat                                       | ed water                     | r 855                  |            |              |          |          |       |  |
| Details of Swimming pool is propol (If any)  Yes swimming pool is propol is propoled by the proposition of t |                       |  |                              | rovided                |            |              |          |          |       |  |
| 33.Details of Total water consumed   |                       |  |                              |                        |            |              |          |          |       |  |
| Particula rs Consumption (CMD)   |                       | Loss (CMD) Effluent (CMD)                          |                              |                        |            |              |          |          |       |  |
| Water<br>Require<br>ment   | Existing              | Proposed   | Total                        | Existing               | Proposed   | Total        | Existing | Proposed | Total |  |
| Domestic   | -                     | -  | -                            | -                      | -          | -            | -        | -        | -     |  |



|  | Level of the Ground water table:           | 3 - 4 m  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  | Size and no of RWH tank(s) and Quantity:   | 18 RWH Tanks with total 450 KL capacity                          |  |  |  |  |  |
|  | Location of the RWH tank(s):               | Below Basement   |  |  |  |  |  |
| 34.Rain Water<br>Harvesting                        | Quantity of recharge pits:                 | -  |  |  |  |  |  |
| (RWH)  | Size of recharge pits :                    | -  |  |  |  |  |  |
|  | Budgetary allocation (Capital cost) :      | 104 Lakh   |  |  |  |  |  |
|  | Budgetary allocation (O & M cost) :        | 5.2 Lakh/yr  |  |  |  |  |  |
|  | Details of UGT tanks if any:               | Under Ground Tanks are provided                                  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 35.Storm water drainage                            | Natural water drainage pattern:            | Towards South Side   |  |  |  |  |  |
|  | Quantity of storm water:                   | 6032.27 m3/hr  |  |  |  |  |  |
|  | Size of SWD:                               | 600 mm, 800 mm, 750 mm, 1000 mm wide channel                     |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | Sewage generation in KLD:                  | 1351   |  |  |  |  |  |
|  | STP technology:                            | MBBR   |  |  |  |  |  |
| Sewage and   | Capacity of STP (CMD):                     | 3 STP of total 1500 KLD capacity                                 |  |  |  |  |  |
| Waste water  | Location & area of the STP:                | Location: Below Basement; Area provided: 1357 m2                 |  |  |  |  |  |
|  | Budgetary allocation (Capital cost):       | 300 Lakh   |  |  |  |  |  |
|  | Budgetary allocation (O & M cost):         | 60 Lakh/yr   |  |  |  |  |  |
| 36.Solid waste Management                          |  |  |  |  |  |  |  |
| Waste generation in                                | Waste generation:                          | Construction debris: 10,607 m3; Excavation quantity: 1,47,520 m3 |  |  |  |  |  |
| 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 |  |  |  |  |  |
| Waste generation<br>in the operation<br>Phase:     | Dry waste:                                 | 2144 kg/d  |  |  |  |  |  |
|  | Wet waste:                                 | 3216 kg/d  |  |  |  |  |  |
|  | Hazardous waste:                           | -  |  |  |  |  |  |
|  | Biomedical waste (If applicable):          | -  |  |  |  |  |  |
|  | STP Sludge (Dry sludge):                   | 14 KLD   |  |  |  |  |  |
|  | Others if any:                             | -  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |







|                               |               | Dry waste:                        |                  | Dry garbag   | e will l                                  | oe disi | oosed off to a                        | authorized r                | ecyclers                            |  |  |
|-------------------------------|---------------|-----------------------------------|------------------|--|---|---------|---------------------------------------|-----------------------------|-------------------------------------|--|--|
|                               |               | Wet waste                         |                  | Wet garbage will be composted using Mechanical Composting unit and will be used as organic manure for landscaping. |   |         |                                       |                             |                                     |  |  |
| 3.5 7 6                       |               |                                   | Hazardous waste: |  | - used as organic manute for fandscaping. |         |                                       |                             |                                     |  |  |
| Mode of lof waste:            | Disposal      | Biomedica<br>applicable           |                  | -  |   |         |                                       |                             |                                     |  |  |
|                               |               | STP Sludg<br>sludge):             |                  | Sludge use   | as ma                                     | nure f  | or gardening                          |                             |                                     |  |  |
|                               |               | Others if a                       | ny:              | -  | -   |         |                                       |                             |                                     |  |  |
|                               |               | Location(s                        | ):               | Ground Flo   | or  |         |                                       |                             |                                     |  |  |
| Area<br>requirem              | ent:          | Area for the of waste & material: |                  | 250 m2   |   |         |                                       |                             |                                     |  |  |
|                               |               | Area for m                        | achinery:        | 50 m2  |   |         |                                       |                             | <b>N.</b> 3                         |  |  |
| Budgetary                     |               | Capital cos                       | st:              | 140 Lakh   |   |         |                                       |                             |                                     |  |  |
| (Capital co<br>O&M cost)      |               | O & M cos                         | t:               | 56 Lakh  |   |         |                                       |                             | V                                   |  |  |
|                               |               |                                   | 37.Ef            | fluent C   | hare                                      | cter    | estics                                | 4                           |                                     |  |  |
| Serial<br>Number              | Paran         | neters                            | Unit             | Inlet E  |   |         |                                       | Effluent<br>erestics        | Effluent discharge standards (MPCB) |  |  |
| 1                             |               | -                                 | -                |  | -   |         |                                       |                             |                                     |  |  |
| Amount of e                   | effluent gene | eration                           | -                |  |   |         |                                       |                             |                                     |  |  |
| Capacity of                   | the ETP:      |                                   | -                |  |   |         |                                       |                             |                                     |  |  |
| Amount of t recycled:         | reated efflue | ent                               | -                |  |   |         |                                       |                             |                                     |  |  |
| Amount of v                   | vater send to | the CETP:                         | -                |  | <b>V</b> . 1                              |         |                                       |                             |                                     |  |  |
|                               | p of CETP (if |                                   | -                |  |   |         |                                       |                             |                                     |  |  |
|                               | P technology  |                                   | -                |  |   |         |                                       |                             |                                     |  |  |
| Disposal of                   | the ETP sluc  | lge                               | -                | >  |   |         | - 47                                  |                             |                                     |  |  |
|                               |               |                                   | 38.Ha            | zardous  | Was                                       | te D    | etails                                |                             | 1                                   |  |  |
| Serial<br>Number              | Descr         | iption                            | Cat              | UOM  | Exis                                      |         | Proposed                              | Total                       | Method of Disposal                  |  |  |
| 1                             |               |                                   | -                | -  |   |         | -                                     | -                           | -                                   |  |  |
|                               |               |                                   | 39.St            | tacks em   | issio                                     | n De    |                                       |                             |                                     |  |  |
| Serial<br>Number              | Section       | & units                           |                  | sed with<br>ntity  | Stacl                                     | ς No.   | Height<br>from<br>ground<br>level (m) | Internal<br>diameter<br>(m) | Temp. of Exhaust<br>Gases           |  |  |
| 1                             |               |                                   |                  |  | -   | -       | -                                     |                             |                                     |  |  |
| 40.Details of Fuel to be used |               |                                   |                  |  |   |         |                                       |                             |                                     |  |  |
| Serial<br>Number              | Тур           | e of Fuel                         |                  | Existing   | Existing                                  |         | Proposed                              |                             | Total                               |  |  |
| 1                             |               | -                                 |                  | -  |   |         | -                                     |                             | -                                   |  |  |
| 41.Source o                   |               |                                   | -                |  |   |         |                                       |                             |                                     |  |  |
| 42.Mode of                    | Transportat   | ion of fuel to                    | site -           |  |   |         |                                       |                             |                                     |  |  |
|                               |               |                                   |                  |  |   |         |                                       |                             |                                     |  |  |



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# Total RG area: 13966.42 m2 No of trees to be cut: Number of trees to be planted: Existing Trees on site: 244 Nos.; New Trees to be planted: 549 Nos. List of proposed native trees: As mentioned below Timeline for completion of plantation: Trees will be planted after completeion of construction work

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

|                  | 44.Number and                  | i list of trees spe | cies to be plante | a in the ground  |
|------------------|--------------------------------|---------------------|-------------------|--|
| Serial<br>Number | Name of the plant              | Common Name         | Quantity          | Characteristics & ecological importance  |
| 1                | AZADIRACHTA<br>INDICA          | NEEM                | 41                | Semi-evergreen tree with medicinal value   |
| 2                | ALBIZIA LEBBECK                | SHIRISH             | 39                | Shady tree, yellowish green fragrant flowers                                       |
| 3                | ALSTONIA<br>SCHOLARIS          | SAPTAPARN           | 45                | Shady, large evergreen Tree, white fragrant flowers                                |
| 4                | BAUHINEA<br>PURPUREA           | KANCHAN             | 37                | Shady tree   |
| 5                | ERYTHRINA INDICA               | PANGARA             | 40                | Medium sized deciduous tree. Bright scarlet flowers.                               |
| 6                | CASSIA FISTULA                 | BAHAVA              | 35                | Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant        |
| 7                | PONGAMIA PINNATA<br>/ GLABRA   | KARANJ              | 51                | Shady Tree   |
| 8                | MIMOSUPS ELENGII               | BAKUL               | 50                | Shady tree, small white fragrant flowers   |
| 9                | PLUMERIA ALBA                  | СНАРНА              | 160               | Medium sized evergreen tree,<br>fragrant yellow flowers, Butterfly<br>host plant   |
| 10               | ANTHOCEPHALLUS<br>CADAMBA      | KADAMB              | 56                | Shady, large deciduous tree,<br>fastgrowing graceful tree, ball<br>shaped flowers. |
| 11               | MILLINGTONIA<br>HORTENSIS      | INDIAN CORK TREE    | 3                 | Shady Tree   |
| 12               | LAGERSTROEMIA<br>FLOS-REGINEAE | TAMHAN              | 40                | State flower tree of Maharashtra<br>Medium sized tree, beautiful<br>purple flowers |
| 13               | MILICIA EXCELSA                | KHAYA               | 3                 | Medium sized decidous tree   |
| 14               | MANGIFERA INDICA               | MANGO               | 46                | Large, shady tree, fruity plant  |
| 15               | SYZYGIUM CUMINI                | JAMUN               | 38                | Shady tree, white juicy fruit  |
| 16               | PSIDIUM GUAJAVA                | GUAVA               | 29                | Medium sized tree, fruity plant  |
| 17               | MANILKARA ZAPOTA               | CHIKU               | 45                | Medium sized tree, fruity plant  |
| 18               | ANNONA<br>RETICULATA           | CUSTARD APPLE       | 35                | Medium sized tree, fruity plant  |
| 45               | .Total quantity of plan        | its on ground       |                   |  |

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



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| Serial<br>Number                                | Name            |   | C/C Distance  | Area m2                    |  |  |  |  |  |
|---|-----------------|---|---|----------------------------|--|--|--|--|--|
| 1   | -               |   | -   | -                          |  |  |  |  |  |
|   | 47.Energy       |   |   |                            |  |  |  |  |  |
|   |                 | Source of power supply:   | Adani Electricity   |                            |  |  |  |  |  |
|   |                 | During Constructi<br>Phase: (Demand<br>Load)                          | on   500 kVA  | 500 kVA                    |  |  |  |  |  |
|   |                 | DG set as Power<br>back-up during<br>construction phas                | 500 kVA   | 500 kVA                    |  |  |  |  |  |
| Dov   | wo.w            | During Operation phase (Connected load):                              | 26 MW   |                            |  |  |  |  |  |
| Pov<br>require                                  | _               | During Operation phase (Demand load):                                 | 31 MW   | 31 MW                      |  |  |  |  |  |
|   |                 | Transformer:  | -   | -                          |  |  |  |  |  |
|   |                 | DG set as Power back-up during operation phase:                       | 1062.5 kVA (62.5 kVA                                      | 1062.5 kVA (62.5 kVA x 17) |  |  |  |  |  |
|   |                 | Fuel used:  | Diesel  |                            |  |  |  |  |  |
|   |                 | Details of high<br>tension line passir<br>through the plot if<br>any: |   |                            |  |  |  |  |  |
|   |                 | 48.Energy sa  | ving by non-conve   | ntional method:            |  |  |  |  |  |
| <ul><li>Use of hig</li><li>Solar Stre</li></ul> | jh energy ef    | proposed for commo  | fighting, UG tanks and STP<br>in areas such as open space |                            |  |  |  |  |  |
|   |                 | 49.Deta   | il calculations & %                                       | of saving:                 |  |  |  |  |  |
| Serial<br>Number                                | Е               | nergy Conservation  | Measures  | Saving %                   |  |  |  |  |  |
| 1   |                 | Total energy Sa   | ving  | >20%                       |  |  |  |  |  |
|   |                 | 50.Detai  | ls of pollution cont                                      | rol Systems                |  |  |  |  |  |
| Source  | Ex              | isting pollution cor  |   | Proposed to be installed   |  |  |  |  |  |
| -   |                 |   |   |                            |  |  |  |  |  |
|   | allocation      | Capital cost:   | 130 Lakh  |                            |  |  |  |  |  |
| (Capital<br>O&M                                 | cost and cost): | O & M cost:   | 6.5 Lakh/yr   | 6.5 Lakh/yr                |  |  |  |  |  |
| 51  | .Envir          | onmental M  | anagement pla   | n Budgetary Allocation     |  |  |  |  |  |
|   |                 |   | ruction phase (with                                       |                            |  |  |  |  |  |
|   |                 | u, const.   | table phase (with   | 210uii up/                 |  |  |  |  |  |

| Maur                                      |  |
|---|--|
| Mr. Surykant Nikam<br>(Secretary SEAC-II) |  |

Attributes

Water spray for dust

suppression

Serial

Number

1

**Parameter** 

Total Cost per annum (Rs. In Lacs)

5

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| 2      | Site sanitation and potable water supply to labour                        |   | 10  |   |       |                                      |       |        |                       |                         |  |
|--------|---|---|---|---|-------|--------------------------------------|-------|--------|-----------------------|-------------------------|--|
| 3      | Enviro  | onmental<br>hitoring  | guidelines throug<br>MoEF Approved<br>laboratories - Ambi<br>Air-RSPM, PM2.5<br>SO2, NOx, CO), No | As per the CPCB<br>guidelines through<br>MoEF Approved<br>laboratories - Ambient<br>Air-RSPM, PM2.5,<br>SO2, NOx, CO), Noise:<br>Leq day time and |       | 4                                    |       |        |                       |                         |  |
| 4      |   | heck up and<br>st aid   | -   |   |       |                                      |       | 5      |                       |                         |  |
| 5      |   | personal<br>e equipmen  | (Helmets, Safety<br>Shoes, Safety Bel<br>Googles, Hand Glov<br>etc.)                              | t,  |       |                                      |       | 12     |                       | 3                       |  |
| 6      | Traffic M   | ſanagement  | (Sign Boards, Perso<br>at entry exit and<br>Parking area)   |   |       |                                      |       | 4      |                       |                         |  |
| 7      | Safe  | ty Nets   | -   |   |       |                                      |       | 25     |                       |                         |  |
| 8      |   | m water<br>agement  | SWD along plot<br>boundary  |   | 4     |                                      |       |        |                       |                         |  |
| 9      |   | eaning and<br>naintenance   | -   | -   |       | 4                                    |       |        |                       |                         |  |
| 10     | Worke   | Training to<br>rs, Safety<br>fficer                                       | -   | -   |       | 8                                    |       |        |                       |                         |  |
| 11     | Disir   | nfection  | -   |   | 3     |                                      |       |        |                       |                         |  |
|        | •   |   | b) Operation Pl   | ıas   | e (wi | th Brea                              | k-up) | ):     |                       |                         |  |
| Serial |   |   |   |   |       | ital cost Rs                         |       |        | tional and            | Maintenance             |  |
| Number |   | ponent  | Description   |   | Lacs  |                                      |       |        | cost (Rs. in Lacs/yr) |                         |  |
| 1      |   | Tertiary)   | Continuous O & I  | M   | 300   |                                      |       | 60     |                       |                         |  |
| 2      |   | System  | Weekly  |   | 130   |                                      |       | 6.5    |                       |                         |  |
| 3      |   | er Harvestin  | g During Rainy seas   | on  | 104   |                                      |       |        | 5.2                   |                         |  |
| 4      |   | d waste<br>posting  | Continuous O & I  | M   | 140   |                                      |       | 56     |                       |                         |  |
| 5      | Lan   | dscape  | Daily   |   |       | 19                                   |       |        | 2                     |                         |  |
| 6      |   | Environmental As per the CPCB guidelines through MoEF Approved laboratory |   | h   | - 4   |                                      |       |        |                       |                         |  |
| 51.S   | 51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances) |   |   |   |       |                                      |       |        |                       |                         |  |
| Descri | ption   | Status  | Location  | Sto   |       | y storage at any point of time in MT |       | nth in | Source of<br>Supply   | Means of transportation |  |



|                          | 52.Any Other Information  |  |  |  |  |  |  |  |
|--------------------------|---|--|--|--|--|--|--|--|
| No Information Available |   |  |  |  |  |  |  |  |
|                          | 53.Traffic Management   |  |  |  |  |  |  |  |
|                          | Nos. of the junction<br>to the main road &<br>design of<br>confluence:                                  | -  |  |  |  |  |  |  |
|                          | Number and area of basement:  | 3 Basements with total area of 76148.42 m2 area  |  |  |  |  |  |  |
|                          | Number and area of podia:   | 1 Podium with 18262.27 m2 area   |  |  |  |  |  |  |
|                          | Total Parking area:   | 94410.69 m2  |  |  |  |  |  |  |
|                          | Area per car:   | -  |  |  |  |  |  |  |
|                          | Area per car:   | -  |  |  |  |  |  |  |
| Parking details:         | Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 50 Nos.  |  |  |  |  |  |  |
|                          | Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 2730 Nos.  |  |  |  |  |  |  |
|                          | Public Transport:   | -  |  |  |  |  |  |  |
|                          | Width of all Internal roads (m):  | 6m - 9m driveways  |  |  |  |  |  |  |
|                          | CRZ/ RRZ clearance obtain, if any:  | NA   |  |  |  |  |  |  |
|                          | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Permission is received from SGNP Eco Sensitive Zone Monitoring Committee vide letter No. DESK/1/20/LND/ESZ/3928 OF 2018-19 DT. 01.11.2018  |  |  |  |  |  |  |
|                          | Category as per<br>schedule of EIA<br>Notification sheet  | 8(b)   |  |  |  |  |  |  |
| C                        | Court cases pending if any  | Bombay High Court. Suit No. 1628 of 2008. The only orders relevant to the proposed are the order dated 19.07.2012 disposing of Appeal Nos. 817 of 2010 and 806 of 2010 in the said Suit; there is no restriction on the development which is being carried on / is to be carried on by the Applicant on the said land. |  |  |  |  |  |  |
|                          | Other Relevant<br>Informations  | Total project cost is Rs. 945.72 Cr. Out of which Scrutiny fee of Rs. 5,00,000/- for Rs. 454.63 Cr. is already paid for earlier EC received.  Now, the cost towards Expansion is Rs. 491.09 Cr. Therefore additional fees of Rs. 7,00,000/- is paid.   |  |  |  |  |  |  |
|                          | Have you previously<br>submitted<br>Application online<br>on MOEF Website.                              | No   |  |  |  |  |  |  |
|                          | Date of online submission   | -  |  |  |  |  |  |  |



#### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

#### Brief information of the project by SEAC

Representative of PP was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engineers Pvt. Ltd.

PP informed that, the project under consideration is Residential *project*. *PP further stated that, the total plot area of the project is 57252.10Sq.mt. having total construction area 372064.00 Sq.mt. (FSI - 177067.00sq.mt + NON FSI- 194997.00 sq.mt)* 

During the meeting, PP could not submit the copy of acknowledgement for plans submitted to local Authority. PP to submit the copy of acknowledgement for plans.

#### DECISION OF SEAC

In view of above, the proposal is deferred and shall be apprise afresh only after the compliance of above observations.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

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



SEAC Meeting No: 95 Meeting Date: April 8,

Page 78 of 111 (M. M. Adani)
Shri M.M.Adtani (Chairman SEAC-II)

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#### Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 95 Meeting Date April 8, 2019

**Subject:** Environment Clearance for Proposed Residential Project at C.T.S.NO.827A/4C/1 & 2 AT MALAD -EAST, MUMBAI

Is a Violation Case: No

| is a violation case: No  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| 1.Name of Project  | FERANI HOTELS PVT. LTD.  |  |  |  |  |  |  |
| 2.Type of institution  | Private  |  |  |  |  |  |  |
| 3.Name of Project Proponent  | Shri. D. D. Bhagwat; FERANI HOTELS PVT. LTD.   |  |  |  |  |  |  |
| 4.Name of Consultant   | Dr. D. A. Patil; Mahabal Enviro Engineers Pvt. Ltd.  |  |  |  |  |  |  |
| 5.Type of project  | Residential Project  |  |  |  |  |  |  |
| 6.New project/expansion in existing project/modernization/diversification in existing project          | New Project  |  |  |  |  |  |  |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | NA   |  |  |  |  |  |  |
| 8.Location of the project  | C.T.S.NO.827A/4C/1 & 2 AT MALAD -EAST.MUMBAI   |  |  |  |  |  |  |
| 9.Taluka   | Borivali   |  |  |  |  |  |  |
| 10.Village   | Malad  |  |  |  |  |  |  |
| Correspondence Name:   | Shri. D. D. Bhagwat  |  |  |  |  |  |  |
| Room Number:   | 623  |  |  |  |  |  |  |
| Floor:   | Second Floor   |  |  |  |  |  |  |
| <b>Building Name:</b>  | Construction House - B   |  |  |  |  |  |  |
| Road/Street Name:  | Linking Road   |  |  |  |  |  |  |
| Locality:  | Opposite Khar Telephone Exchange, Khar   |  |  |  |  |  |  |
| City:  | Mumbai - 400052  |  |  |  |  |  |  |
| 11.Area of the project   | Municipal Corporation of Greater Mumbai (MCGM)   |  |  |  |  |  |  |
| 12.IOD/IOA/Concession/Plan<br>Approval Number  | IOD obtained  IOD/IOA/Concession/Plan Approval Number: EE/CE/5054 BP/WS/AP DT 17.04.1997; AMENDED PLAN APPROVED DT 26.04.2000  Approved Built-up Area: 3556.02 |  |  |  |  |  |  |
| 13.Note on the initiated work (If applicable)  |  |  |  |  |  |  |  |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                                      | NA   |  |  |  |  |  |  |
| 15.Total Plot Area (sq. m.)  | 19,231.60 m2   |  |  |  |  |  |  |
| 16.Deductions  | 5217.56 m2   |  |  |  |  |  |  |
| 17.Net Plot area   | 14,014.04 m2   |  |  |  |  |  |  |
| 10 (a) Proposed Pulls us Area (ESI S   | a) FSI area (sq. m.): 44,831.62  |  |  |  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)  | <b>b) Non FSI area (sq. m.):</b> 25,064.94   |  |  |  |  |  |  |
|  | c) Total BUA area (sq. m.): 69896.56   |  |  |  |  |  |  |
| 10 (b) Assumed B. 'II  | Approved FSI area (sq. m.): 3556.02  |  |  |  |  |  |  |
| 18 (b).Approved Built up area as per DCR   | Approved Non FSI area (sq. m.):  |  |  |  |  |  |  |
|  | Date of Approval: 26-04-2000   |  |  |  |  |  |  |
| 19.Total ground coverage (m2)  | 6696.31  |  |  |  |  |  |  |
| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky)                     | 47%  |  |  |  |  |  |  |
| 21.Estimated cost of the project   | 193000000  |  |  |  |  |  |  |
| 22.Num   | ber of buildings & its configuration   |  |  |  |  |  |  |

Mr. Surykant Nikam (Secretary SEAC-II)

SEAC Meeting No: 95 Meeting Date: April 8, 2019

(M. M. Adtani)

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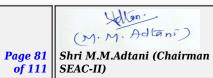
Shri M.M.Adtani (Chairman SEAC-II)

| Serial   |           |            |          |        |  |                               |  |
|--|-----------|------------|----------|--------|--|-------------------------------|--|
| number   | Buildin   | g Name & 1 | number   | Nu     | mber of floors                             | Height of the building (Mtrs) |  |
| 1  | 1 RESII   | DENTIAL BU | ILDING   |        | nent (pt) + Stilt + 2<br>m+27 Upper Floors | 93.75                         |  |
| 23.Number of tenants and shops Flats: 1066 Nos.  |           |            |          |        |  |                               |  |
| 24.Number of expected residents / users 5330 Nos.  |           |            |          |        |  |                               |  |
| 25.Tenant density per hectare 385  |           |            |          |        |  |                               |  |
| 26.Height building(s   |           |            |          |        |  |                               |  |
| 27.Right of way (Width of the road from the nearest fire station to the proposed building(s)  The project site is accessible by 36.6 m wide Reservoir Road off General Arun Kumar Vai Marg from West side and 18.30 m wide road from North and East side |           |            |          |        |  |                               |  |
| 28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation  |           |            |          |        |  |                               |  |
| 29.Existing  |           | -          |          |        | 70   |                               |  |
| 30.Details<br>demolition<br>disposal (I<br>applicable  | with<br>f | -          |          |        |  |                               |  |
|  |           |            | 31.P     | roduct | tion Details                               |                               |  |
| Serial<br>Number   | Pro       | duct       | Existing | (MT/M) | Proposed (MT/M)                            | Total (MT/M)                  |  |
| 1  |           |            |          |        |  |                               |  |
|  |           | 3          | 2.Tota   | l Wate | r Requiremen                               | nt                            |  |
|  |           |            |          |        |  |                               |  |

|                                   | Source of water                                    | MCGM         |            |                           |          |          |       |  |  |
|-----------------------------------|--|--------------|------------|---------------------------|----------|----------|-------|--|--|
|                                   | Fresh water (CMD)                                  | : 480        |            |                           |          |          |       |  |  |
|                                   | Recycled water -<br>Flushing (CMD):                | 240          | 240        |                           |          |          |       |  |  |
|                                   | Recycled water - Gardening (CMD):                  | 18           | 18         |                           |          |          |       |  |  |
|                                   | Swimming pool make up (Cum):                       | -            |            |                           |          |          |       |  |  |
| Dry season:                       | Total Water<br>Requirement (CMI<br>:               | 720          |            |                           |          |          |       |  |  |
|                                   | Fire fighting -<br>Underground water<br>tank(CMD): | AS PER NB    | С          |                           |          | . 0      |       |  |  |
|                                   | Fire fighting -<br>Overhead water<br>tank(CMD):    | AS PER NB    | AS PER NBC |                           |          |          |       |  |  |
|                                   | Excess treated wat                                 | er 407       |            |                           |          |          |       |  |  |
|                                   | Source of water                                    | MCGM         |            |                           |          |          |       |  |  |
|                                   | Fresh water (CMD)                                  | <b>:</b> 450 |            |                           |          |          |       |  |  |
|                                   | Recycled water - Flushing (CMD):                   | 240          |            | (0)                       |          |          |       |  |  |
|                                   | Recycled water - Gardening (CMD):                  | 0            |            |                           |          |          |       |  |  |
|                                   | Swimming pool make up (Cum):                       | -            |            |                           |          |          |       |  |  |
| Wet season:                       | Total Water<br>Requirement (CMI<br>:               | 720          |            |                           |          |          |       |  |  |
|                                   | Fire fighting -<br>Underground wate<br>tank(CMD):  | AS PER NB    | AS PER NBC |                           |          |          |       |  |  |
|                                   | Fire fighting -<br>Overhead water<br>tank(CMD):    | AS PER NB    | AS PER NBC |                           |          |          |       |  |  |
|                                   | Excess treated wat                                 | er 425       | 425        |                           |          |          |       |  |  |
| Details of Swimming pool (If any) | -6   |              |            |                           |          |          |       |  |  |
|                                   | 33.Deta  | ils of Tota  | l water co | nsume                     | d        |          |       |  |  |
| Particula cons                    | Consumption (CMD)                                  |              |            | Loss (CMD) Effluent (CMD) |          |          |       |  |  |
| Water<br>Require<br>ment Existing | Proposed Tota                                      | l Existing   | Proposed   | Total                     | Existing | Proposed | Total |  |  |
| Domestic -                        |  | -            | -          | -                         | -        | -        | -     |  |  |
|                                   |  |              |            |                           |          |          |       |  |  |



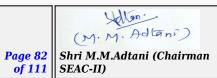




|  | T 1 C.1 C 1                                    |  |
|--|--|--|
|  | Level of the Ground water table:               | 4 - 5 m  |
|  | Size and no of RWH<br>tank(s) and<br>Quantity: | 1 RWH Tanks with total 60 KL capacity                            |
|  | Location of the RWH tank(s):                   | Below Basement   |
| 34.Rain Water<br>Harvesting                  | Quantity of recharge pits:                     | -  |
| (RWH)  | Size of recharge pits :                        | -  |
|  | Budgetary allocation (Capital cost) :          | 13.8 Lakh  |
|  | Budgetary allocation (O & M cost):             | 1.4 Lakh/yr  |
|  | Details of UGT tanks if any :                  | Under Ground Tanks are provided                                  |
|  |  |  |
|  | Natural water drainage pattern:                | Towards South Side   |
| 35.Storm water drainage                      | Quantity of storm water:                       | 2090 m3/hr   |
|  | Size of SWD:                                   | 600 mm wide channel  |
|  |  |  |
|  | Sewage generation in KLD:                      | 672  |
|  | STP technology:                                | MBBR   |
| Sewage and                                   | Capacity of STP (CMD):                         | 1STP of 750 KLD capacity   |
| Waste water                                  | Location & area of the STP:                    | Location: Below Basement   |
|  | Budgetary allocation (Capital cost):           | 150 Lakh   |
|  | Budgetary allocation (O & M cost):             | 30 Lakh/yr   |
|  |  | d waste Management   |
| Waste generation in                          | Waste generation:                              | Construction debris : 2030 m3                                    |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris:     | The construction debris will be utilized at site for Road Paving |
|  | Dry waste:                                     | 1066 kg/d  |
|  | Wet waste:                                     | 1599 kg/d  |
| Mosto manati                                 | Hazardous waste:                               | -  |
| Waste generation in the operation Phase:     | Biomedical waste (If applicable):              | -  |
| I IIuoo.                                     | STP Sludge (Dry sludge):                       | 7 KLD  |
|  | Others if any:                                 | -  |
| ·  |  |  |

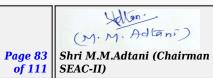






|                                      |               | Dry waste:                        |                  | Dry garbag   | e will l  | oe dist | posed off to a                        | authorized r                | ecyclers                            |  |
|--------------------------------------|---------------|-----------------------------------|------------------|--|---|---------|---------------------------------------|-----------------------------|-------------------------------------|--|
|                                      |               |                                   | •                | Wet garbage will be composted using Mechanical Composting unit and |   |         |                                       |                             |                                     |  |
|                                      |               |                                   | Hazardous waste: |  | will be used as organic manure for landscaping. |         |                                       |                             |                                     |  |
| Mode of I                            | Disposal      | Biomedica                         | l waste (If      |  |   |         |                                       |                             |                                     |  |
| or waste:                            |               | applicable                        | ):               | -  |   |         |                                       |                             |                                     |  |
|                                      |               | STP Sludg sludge):                | e (Dry           | Sludge use   | as ma   | nure fo | or gardening                          | Ī                           |                                     |  |
|                                      |               | Others if a                       | ny:              | -  | -   |         |                                       |                             |                                     |  |
|                                      |               | Location(s                        | ):               | Ground Flo   | or  |         |                                       |                             |                                     |  |
| Area<br>requirem                     | ent:          | Area for the of waste & material: |                  | 125 m2   |   |         |                                       |                             |                                     |  |
|                                      |               | Area for m                        | achinery:        | 56 m2  |   |         |                                       |                             |                                     |  |
| Budgetary                            |               | Capital cos                       | st:              | 80 Lakh  |   |         |                                       |                             | VY                                  |  |
| (Capital co<br>O&M cost)             |               | O & M cos                         | t:               | 32 Lakh  |   |         |                                       |                             | V                                   |  |
|                                      |               |                                   | 37.Ef            | fluent C   | hare  | cter    | estics                                | 0                           |                                     |  |
| Serial<br>Number                     | Paran         | neters                            | Unit             | Inlet E  |   |         |                                       | Effluent<br>erestics        | Effluent discharge standards (MPCB) |  |
| 1                                    |               | -                                 | -                |  | -   |         |                                       |                             |                                     |  |
| Amount of effluent generation (CMD): |               |                                   |                  |  |   |         |                                       |                             |                                     |  |
| Capacity of                          | the ETP:      |                                   | -                |  |   |         |                                       |                             |                                     |  |
| Amount of t recycled :               | reated efflue | ent                               | -                |  |   |         |                                       |                             |                                     |  |
| Amount of v                          | vater send to | the CETP:                         | -                |  |   |         |                                       |                             |                                     |  |
|                                      | o of CETP (if |                                   | -                |  |   |         |                                       |                             |                                     |  |
|                                      | P technology  |                                   | -                |  |   |         |                                       |                             |                                     |  |
| Disposal of                          | the ETP slud  | lge                               | -                | >  |   | . 5     | - 47                                  |                             |                                     |  |
| 0.11                                 |               |                                   | 38.На            | zardous  | Was   | te D    | etails                                |                             | 1                                   |  |
| Serial<br>Number                     | Descr         | iption                            | Cat              | UOM  | Exis  |         | Proposed                              | Total                       | Method of Disposal                  |  |
| 1                                    | -             | . ( )                             | -                | -  |   |         | -                                     | -                           | -                                   |  |
|                                      | 1             |                                   | 39.St            | tacks em   | issio   | n De    |                                       |                             |                                     |  |
| Serial<br>Number                     | Section       | & units                           |                  | sed with<br>ntity  | Stacl   | ς No.   | Height<br>from<br>ground<br>level (m) | Internal<br>diameter<br>(m) | Temp. of Exhaust<br>Gases           |  |
| 1                                    |               |                                   |                  | -  |   |         | -                                     | -                           | -                                   |  |
| 40.Details of Fuel to be used        |               |                                   |                  |  |   |         |                                       |                             |                                     |  |
| Serial<br>Number                     | Тур           | e of Fuel                         |                  | Existing   |   |         | Proposed                              |                             | Total                               |  |
| 1                                    |               | -                                 |                  |  |   |         |                                       |                             | -                                   |  |
| 41.Source o                          |               |                                   | -                |  |   |         |                                       |                             |                                     |  |
| 42.Mode of                           | Transportat   | ion of fuel to                    | site -           |  |   |         |                                       |                             |                                     |  |
|                                      |               |                                   |                  |  |   |         |                                       |                             |                                     |  |





|               | Total RG area:                          | 3,622.67 m2  |  |  |  |  |  |
|---------------|---|--|--|--|--|--|--|
|               | No of trees to be cut :                 | -  |  |  |  |  |  |
| 43.Green Belt | Number of trees to be planted :         | New Trees to be planted: 150 Nos.                            |  |  |  |  |  |
| Development   | List of proposed native trees :         | As mentioned below   |  |  |  |  |  |
|               | Timeline for completion of plantation : | Trees will be planted after completeion of construction work |  |  |  |  |  |

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

|                  | 1111 ambor and                 | i list of trees spe | eres to be plante. | a III dilo gi odila  |
|------------------|--------------------------------|---------------------|--------------------|--|
| Serial<br>Number | Name of the plant              | Common Name         | Quantity           | Characteristics & ecological importance  |
| 1                | AZADIRACHTA<br>INDICA          | NEEM                | 11                 | Semi-evergreen tree with medicinal value   |
| 2                | ALBIZIA LEBBECK                | SHIRISH             | 21                 | Shady tree, yellowish green fragrant flowers                                       |
| 3                | ALSTONIA<br>SCHOLARIS          | SAPTAPARN           | 13                 | Shady, large evergreen Tree, white fragrant flowers                                |
| 4                | BAUHINEA<br>PURPUREA           | KANCHAN             | 9                  | Shady tree   |
| 5                | ERYTHRINA INDICA               | PANGARA             | 12                 | Medium sized deciduous tree.<br>Bright scarlet flowers.                            |
| 6                | CASSIA FISTULA                 | BAHAVA              | 7                  | Medium sized deciduous tree.<br>Beautiful yellow flowers, Butterfly<br>host plant  |
| 7                | PONGAMIA PINNATA<br>/ GLABRA   | KARANJ              | 10                 | Shady Tree   |
| 8                | MIMOSUPS ELENGII               | BAKUL               | 6                  | Shady tree, small white fragrant flowers   |
| 9                | PLUMERIA ALBA                  | СНАРНА              | 11                 | Medium sized evergreen tree,<br>fragrant yellow flowers, Butterfly<br>host plant   |
| 10               | ANTHOCEPHALLUS<br>CADAMBA      | KADAMB              | 15                 | Shady, large deciduous tree,<br>fastgrowing graceful tree, ball<br>shaped flowers. |
| 11               | MILLINGTONIA<br>HORTENSIS      | INDIAN CORK TREE    | 12                 | Shady Tree   |
| 12               | LAGERSTROEMIA<br>FLOS-REGINEAE | TAMHAN              | 8                  | State flower tree of Maharashtra<br>Medium sized tree, beautiful<br>purple flowers |
| 13               | MILICIA EXCELSA                | KHAYA               | 10                 | Medium sized decidous tree   |
| 14               | SYZYGIUM CUMINI                | JAMUN               | 5                  | Shady tree, white juicy fruit  |
| 45               | Total quantity of plan         | ts on ground        |                    |  |

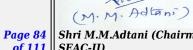
#### 46. Number and list of shrubs and bushes species to be planted in the podium RG:

| Serial<br>Number | Name | C/C Distance | Area m2 |  |  |  |  |
|------------------|------|--------------|---------|--|--|--|--|
| 1                | -    | -            | -       |  |  |  |  |
|                  | ·    |              |         |  |  |  |  |

47.Energy







Shri M.M.Adtani (Chairman SEAC-II)

|                    | Source of power supply:  | Adani Electricity     |
|--------------------|--|-----------------------|
|                    | During Construction<br>Phase: (Demand<br>Load)                         | 500 kVA               |
|                    | DG set as Power<br>back-up during<br>construction phase                | 500 kVA               |
| Danie              | During Operation phase (Connected load):                               | 3.5 MW                |
| Power requirement: | During Operation phase (Demand load):                                  | 2.2 MW                |
|                    | Transformer:   | -                     |
|                    | DG set as Power<br>back-up during<br>operation phase:                  | 375 kVA (3 X 125 kVA) |
|                    | Fuel used:   | Diesel                |
|                    | Details of high<br>tension line passing<br>through the plot if<br>any: | NA                    |
|                    | 40 E   | 1 1 1 1               |

#### 48. Energy saving by non-conventional method:

- Energy efficient lighting using LED
- Use of high energy efficient pumps for fire fighting, UG tanks and STP
- Solar Street lights are proposed for common areas such as open spaces, pathways, RG etc.
- Solar hot water will be provided

#### 49. Detail calculations & % of saving:

|   | Serial<br>Number                        | Energy Conservation Measures | Saving % |  |  |  |
|---|---|------------------------------|----------|--|--|--|
|   | 1                                       | Total energy Saving          | >20%     |  |  |  |
| Γ | 50.Details of pollution control Systems |                              |          |  |  |  |

#### 50. Details of pollution control Systems

| Source | Existing pollution control system | Proposed to be installed |
|--------|-----------------------------------|--------------------------|
| -      |                                   | -                        |

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

Capital cost:

O & M cost:

 Capital cost:
 25 Lakh

 O & M cost:
 1.3 Lakh/yr

#### 51. Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

| Serial<br>Number | Attributes Parameter                               |   | Total Cost per annum (Rs. In Lacs) |
|------------------|--|---|------------------------------------|
| 1                | Water spray for dust suppression                   | - | 3                                  |
| 2                | Site sanitation and potable water supply to labour | - | 8                                  |



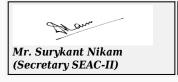






Sollan:

| 5                   |   | personal<br>e equipment   |   |                             |                             |  |            | 10     |  |                              |
|---------------------|---|---|---|-----------------------------|-----------------------------|--|------------|--------|--|------------------------------|
| 6                   |   |   | etc.) (Sign Boards, Perso   | ons                         |                             |  |            | 3      |  |                              |
| -                   |   |   | Parking area)   |                             |                             |  |            |        |  |                              |
| 7                   |   | ety Nets  | CIMD along plat   |                             |                             |  |            | 20     |  |                              |
| 8                   | 1   | m water<br>agement  | SWD along plot<br>boundary  |                             |                             |  |            | 3      | 3                                      |                              |
| 9                   | Vehicle r                                       | eaning and<br>naintenance   | -   |                             |                             |  | 2          | 3      |  |                              |
| 10                  | Worke   | Training to<br>ers, Safety<br>fficer                                      | -   |                             | 7                           |  |            |        |  |                              |
| 11                  | Disi  | nfection  | -   |                             |                             |  |            | 2      |  |                              |
|                     |   | ]   | b) Operation Pl   | nase                        | (wi                         | th Brea  | k-up       | ):     |  |                              |
| 0 . 1               | Component                                       |   |   |                             | Capital cost Rs. In<br>Lacs |  |            |        |  |                              |
| Serial<br>Number    | Com   | ponent  | Description   | 7                           | Capi                        |  | s. In      |        | tional and ost (Rs. in                 | Maintenance<br>Lacs/yr)      |
| Number 1            | STP (   | Tertiary)   | Continuous O & I  | M                           | Capi                        | Lacs<br>150  | s. In      |        | ost (Rs. in<br>30                      | Lacs/yr)                     |
| Number  1 2         | STP (   | Tertiary)   | Continuous O & I Weekly   |                             | Capi                        | 150<br>25  | s. In      |        | 30<br>1.3                              | Lacs/yr)                     |
| Number 1            | STP ( Solar Rain Wate                           | Tertiary)<br>r System<br>er Harvesting                                    | Continuous O & I  Weekly  During Rainy seas   | on                          | Capi                        | 150<br>25<br>13.8  | . In       |        | 30<br>1.3<br>1.4                       | Lacs/yr)                     |
| Number  1 2         | STP ( Solar Rain Wate                           | Tertiary)   | Continuous O & I Weekly   | on                          | Capi                        | 150<br>25  | s. In      |        | 30<br>1.3                              | Lacs/yr)                     |
| 1 2 3               | STP ( Solar Rain Wate                           | Tertiary) r System er Harvesting d waste                                  | Continuous O & I  Weekly  During Rainy seas  Continuous O & I  Daily  | on<br>M                     | Capi                        | 150<br>25<br>13.8  | s. In      |        | 30<br>1.3<br>1.4                       | Lacs/yr)                     |
| 1 2 3 4             | STP ( Solar Rain Wate Soli com Lan              | Tertiary) r System er Harvesting d waste posting                          | Continuous O & I  Weekly  During Rainy seas  Continuous O & I   | on M                        | Capi                        | 150<br>25<br>13.8<br>80  | i. In      |        | 30<br>1.3<br>1.4<br>32                 | Lacs/yr)                     |
| Number  1 2 3 4 5   | STP ( Solar Rain Wate Soli com Lan Envir        | Tertiary) r System er Harvesting d waste posting dscape onmental nitoring | Continuous O & I  Weekly  During Rainy seas  Continuous O & I  Daily  As per the CPCE guidelines throug MoEF Approved                                   | on M                        | abl                         | 150<br>25<br>13.8<br>80<br>31.3  |            | C      | 30<br>1.3<br>1.4<br>32<br>4.7          | Lacs/yr)                     |
| Number  1 2 3 4 5   | STP ( Solar Rain Water Soli com Lan Environ Mon | Tertiary) r System er Harvesting d waste posting dscape onmental nitoring | Continuous O & I  Weekly  During Rainy seas  Continuous O & I  Daily  As per the CPCE guidelines throug MoEF Approved laboratory  Comicals (inflexible) | on M                        | abl                         | 150<br>25<br>13.8<br>80<br>31.3  | OSiV Const | C      | 30<br>1.3<br>1.4<br>32<br>4.7          | Lacs/yr)                     |
| Number  1 2 3 4 5 6 | STP ( Solar Rain Water Soli com Lan Environ Mon | Tertiary) r System er Harvesting d waste posting dscape onmental nitoring | Continuous O & I  Weekly  During Rainy seas  Continuous O & I  Daily  As per the CPCE guidelines throug MoEF Approved laboratory  Cmicals (infl sub     | on M  B  ch  Stor Capa      | abl                         | Lacs  150 25 13.8 80 31.3  e/expless  Maximum Quantity of Storage at any point of time in    | OSiV Const | re/haz | 30 1.3 1.4 32 4.7 4  Zardou  Source of | Lacs/yr)  LS/toxic  Means of |
| Number  1 2 3 4 5 6 | STP ( Solar Rain Water Soli com Lan Environ Mon | Tertiary) r System er Harvesting d waste posting dscape onmental nitoring | Continuous O & I  Weekly  During Rainy seas  Continuous O & I  Daily  As per the CPCE guidelines throug MoEF Approved laboratory  Cmicals (infl sub     | on M  B th  Star  Capa in M | abl<br>nce                  | Lacs  150 25 13.8 80 31.3  e/expless  Maximum Quantity of Storage at any point of time in MT | Const / Mo | re/haz | 30 1.3 1.4 32 4.7 4  Zardou  Source of | Lacs/yr)  LS/toxic  Means of |





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|                  | 53.   | Traffic Management   |
|------------------|---|--|
|                  | Nos. of the junction<br>to the main road &<br>design of<br>confluence:                                  | -  |
|                  | Number and area of basement:  | 1 part basement with 1376.06 m2 area   |
|                  | Number and area of podia:   | Podium 1 with 5652.08 m2 area ; Podium 2 with 2071.18 m2 area  |
|                  | Total Parking area:   | Gross parking area: 13,375.34 m2   |
|                  | Area per car:   | -  |
|                  | Area per car:   |  |
| Parking details: | Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 20 Nos.  |
|                  | Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 292 Nos.   |
|                  | <b>Public Transport:</b>  | -  |
|                  | Width of all Internal roads (m):  | 6m - 9m driveways  |
|                  | CRZ/ RRZ clearance obtain, if any:  | NA   |
|                  | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Permission is received from SGNP Eco Sensitive Zone Monitoring Committee vide letter No. DESK/1/20/LND/ESZ/3928 OF 2018-19 DT. 01.11.2018  |
|                  | Category as per<br>schedule of EIA<br>Notification sheet  | 8(a)   |
|                  | Court cases pending if any  | Bombay High Court. Suit No. 1628 of 2008. The only orders relevant to the proposed are the order dated 19.07.2012 disposing of Appeal Nos. 817 of 2010 and 806 of 2010 in the said Suit; there is no restriction on the development which is being carried on / is to be carried on by the Applicant on the said land. |
|                  | Other Relevant<br>Informations  | -  |
|                  | Have you previously<br>submitted<br>Application online<br>on MOEF Website.                              | No   |
|                  | Date of online submission   | -  |

#### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

# Brief information of the project by SEAC



SEAC Meeting No: 95 Meeting Date: April 8,



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Representative of PP was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engineers Pvt. Ltd.

PP informed that, the project under consideration is Residential *project*. *PP further* stated that, the total plot area of the project is 19,231.60Sq.mt. having total construction area 69896.56Sq.mt. (FSI - 44,831.62 sq.mt + NON FSI- 25,064.94 sq.mt)

During the meeting, PP could not submit the copy of acknowledgement for plans submitted to local Authority. PP to submit the copy of acknowledgement for plans.

#### **DECISION OF SEAC**

In view of above, the proposal is deferred and shall be apprise afresh only after the compliance of above observations.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

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



SEAC Meeting No: 95 Meeting Date: April 8,

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(M. M. Adlani)
Shri M.M.Adtani (Chairman
SEAC-II)

Sollan.

#### Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 95 Meeting Date April 8, 2019

 $\textbf{Subject:} \ \ \textbf{Environment Clearance for "Boomrang" Commercial Development Project at CTS No. 4A \& 4B Of Village Saki on Chandivali Farm Road, Chandivali, Mumbai$ 

**Is a Violation Case:** No

| is a violation case: No  |  |  |  |  |
|--|--|--|--|--|
| 1.Name of Project  | "Boomrang"   |  |  |  |
| 2.Type of institution  | Private  |  |  |  |
| 3.Name of Project Proponent  | M/s. Kanakia Spaces Realty Pvt. Ltd.   |  |  |  |
| 4.Name of Consultant   | Project Proponent  |  |  |  |
| 5.Type of project  | Commercial Development   |  |  |  |
| 6.New project/expansion in existing project/modernization/diversification in existing project          | Amendment in EC  |  |  |  |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | The project has received Environmental Clearance dt 01.08.2007 form MoEF, New Delhi.   |  |  |  |
| 8.Location of the project  | CTS No. 4A & 4B Of Village Saki on Chandivali Farm Road, Chandivali, Mumbai-400066.  |  |  |  |
| 9.Taluka   | Kurla  |  |  |  |
| 10.Village   | Saki   |  |  |  |
| Correspondence Name:   | M/s. Kanakia Spaces Realty Pvt.Ltd.  |  |  |  |
| Room Number:   |  |  |  |  |
| Floor:   | 10th Floor   |  |  |  |
| <b>Building Name:</b>  | 215 Atrium   |  |  |  |
| Road/Street Name:  | Andheri Kurla Road   |  |  |  |
| Locality:  | Next to Courtyard Marriott Hotel ,Opp. Divine Child High School, Andheri (East),   |  |  |  |
| City:  | Mumbai - 400093  |  |  |  |
| 11.Area of the project   | Municipal Corporation of Greater Mumbai (M.C.G.M)  |  |  |  |
| 40 TOD (TO ) (O  | IOD dt. 04.08.2007, CC dt. 20.10.2007, OC dt. 05/05/2016   |  |  |  |
| 12.IOD/IOA/Concession/Plan<br>Approval Number  | IOD/IOA/Concession/Plan Approval Number: CE/4059/BPES/AL   |  |  |  |
|  | Approved Built-up Area: 127255.47  |  |  |  |
| 13.Note on the initiated work (If applicable)  | Received EC on 01.08.2007 (for Total Plot area 33400.00 Sq.mt. & Total Construction Built-up area of 119451.28 Sq. mt.) for one commercial building with 2 basement + Gr + 7 upper floors; on the basis of conceptual plans as per prevailing practice then. ? Changes in actual construction done on site w.r.t. conceptual plan (on which EC was received) due to the requirement of local planning authority for which we have received approvals from MCGM time to time. ? Construction completed in March, 2016 and full occupation certificate is received on May, 2016 by MCGM. ? The construction built-up area on site is 1,27,255.47 sq. mt. for a building with 2 basement + Gr + 8 upper floors ? Consent to Operate from MPCB is obtained and it is valid upto 31.10.2019. ? We would also like to clarify that the parking lot regulation and amenity designation was not recognized in the year 2007 hence not mentioned in the application submitted/ EC received. The reasons are as follows: ? Plot was under industrial zone and residential user permitted in the plot with the condition of 7.5 % amenity plot to be handed over to the MCGM. ? Subsequently MCGM has designated 7.5 % amenity into parking lot and further parking lot structure under DCR 33/24 as a composite building. ? Entire amenity plot along with the structure as mentioned is handed over to MCGM and mutation entry as owner is appeared in the PR card and the total built-up area constructed for parking lot 13367.0 Sq. mt. is not incorporated in the EC. |  |  |  |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                                      | The property was under industrial zone and was converted into residential zone. ? Due to the conversion, 7.5% amenity was proposed to be handed over to the corporation free of cost as per the terms & conditions of I to R. ? Subsequently MCGM had given the development permission for making parking lot on the said amenity plot. ? As per DC regulation 33/24 additional parking plot area was also added built-up area on the same amenity plot with the extended plot area. ? Parking LOI vide letter no. Ch. E./26/S/Rds. & Tr. Dated 11.06.2013 and Ch. E./177/ MC/Rds. & Tr./ E-4 dated 21th November 2014 was received for the built-up area 13367.10 Sq. mt. ? Parking lot built-up area does not considered in this EC since the MCGM is the owner of parking lot plot and building with the separate entry & exit  |  |  |  |
|  |  |  |  |  |
| 15.Total Plot Area (sq. m.)  |  |  |  |  |
| 15.Total Plot Area (sq. m.)<br>16.Deductions   | lot plot and building with the separate entry & exit   |  |  |  |

Mr. Surykant Nikam (Secretary SEAC-II)

SEAC Meeting No: 95 Meeting Date: April 8,

(M. M. Adtani)

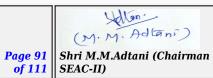
| <b>17.Net Plot area</b> 29337.88 Sq. mt.  |                                |                |                                    |                         |  |                               |  |  |
|---|--------------------------------|----------------|------------------------------------|-------------------------|--|-------------------------------|--|--|
|   |                                |                | _                                  | ( <b>sq. m.</b> ): 6596 | 58.88                                    |                               |  |  |
| 18 (a).Propo<br>Non-FSI)  | sed Built-up                   | Area (FSI &    | b) Non FSI area (sq. m.): 61286.59 |                         |  |                               |  |  |
| 14011-1131)   |                                |                | c) Total BUA                       | A area (sq. m           | .): 127255.47                            |                               |  |  |
|   |                                |                | Approved FS                        | SI area (sq. n          | <b>1.):</b> 65968.88                     |                               |  |  |
| 18 (b).Appro  | oved Built up                  | area as per    | Approved No                        | on FSI area (           | <b>sq. m.):</b> 61286.59                 |                               |  |  |
| DON   |                                |                | Date of App                        | roval: 05-05-2          | 016                                      |                               |  |  |
| 19.Total gro  | und coverag                    | e (m2)         | 10858.00                           |                         |  |                               |  |  |
|   | overage Perentage of plo       |                | 37                                 |                         |  |                               |  |  |
| 21.Estimate   | d cost of the                  | project        | 4996500000                         |                         |  |                               |  |  |
|   | 2                              | <b>2.Num</b> ] | ber of l                           | ouildin                 | gs & its confi                           | guration                      |  |  |
| Serial<br>number  | Buildin                        | ıg Name & ı    | number                             | Nu                      | mber of floors                           | Height of the building (Mtrs) |  |  |
| 1   | Com                            | nmercial Buil  | ding                               |                         | Basement + Upper<br>t + Ground + 8 Floor | 34.80                         |  |  |
| 2   |                                | Club House     |                                    | Gr                      | ound + 1 Floor                           | 7.20                          |  |  |
| 23.Number<br>tenants an   |                                |                |                                    |                         |  |                               |  |  |
| 24.Number expected reusers  |                                | 9100 Nos.      |                                    |                         | 000                                      |                               |  |  |
| 25.Tenant<br>per hectar   |                                |                |                                    |                         | 0,0                                      |                               |  |  |
| 26.Height building(s)   |                                |                |                                    | 7                       |  |                               |  |  |
| 27.Right of<br>(Width of the from the number of the proposed by   | the road<br>earest fire<br>the | 18.30 mt. w    | ride Chandiv                       | ali Farm Roa            | ad                                       |                               |  |  |
| 28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation |                                |                |                                    |                         |  |                               |  |  |
| 29.Existing   | J ^                            | One comme      | ercial buildin                     | g & Club ho             | use is constructed on sit                | e.                            |  |  |
| 30.Details<br>demolition<br>disposal (I<br>applicable)  | of the with                    | Not Applica    | able                               |                         |  |                               |  |  |
|   |                                |                | 31.P                               | roduct                  | ion Details                              |                               |  |  |
| Serial<br>Number  | Pro                            | duct           | Existing                           | (MT/M)                  | Proposed (MT/M)                          | Total (MT/M)                  |  |  |
| 1   | Not ap                         | plicable       | Not app                            | olicable                | Not applicable                           | Not applicable                |  |  |
| 32.Total Water Requirement  |                                |                |                                    |                         |  |                               |  |  |





|                                   | Source of water                                    | M.C.G.M/ Ta  | anker Water of                                     | f Potable ( |          |              |       |  |  |  |
|-----------------------------------|--|--|--|-------------|----------|--------------|-------|--|--|--|
|                                   | Fresh water (CMD):                                 |  | Domestic: 218 KLD                                  |             |          |              |       |  |  |  |
|                                   | Recycled water -<br>Flushing (CMD):                |  | 277 KLD (Flushing: 177 + Cooling tower makeup:100) |             |          |              |       |  |  |  |
|                                   | Recycled water -<br>Gardening (CMD):               | 32 KLD   |  |             |          |              |       |  |  |  |
|                                   | Swimming pool make up (Cum):                       | NA   | NA   |             |          |              |       |  |  |  |
| Dry season:                       | Total Water<br>Requirement (CMD)                   | 527 KLD  |  |             |          |              |       |  |  |  |
|                                   | Fire fighting -<br>Underground water<br>tank(CMD): | 200 KL   |  |             |          | . 0          |       |  |  |  |
|                                   | Fire fighting -<br>Overhead water<br>tank(CMD):    | 75 KL  |  |             |          | 7            |       |  |  |  |
|                                   | Excess treated water                               | 45 KLD   |  |             |          |              |       |  |  |  |
|                                   | Source of water                                    | M.C.G.M/ Ta  | anker Water of                                     | f Potable ( | Quality  |              |       |  |  |  |
|                                   | Fresh water (CMD):                                 | Domestic: 2  | Domestic: 218 KLD                                  |             |          |              |       |  |  |  |
|                                   | Recycled water - Flushing (CMD):                   | 277 KLD (Flushing: 177 + Cooling tower makeup:100) |  |             |          |              |       |  |  |  |
|                                   | Recycled water - Gardening (CMD):                  | NA   |  |             |          |              |       |  |  |  |
|                                   | Swimming pool make up (Cum):                       | NA   |  |             |          |              |       |  |  |  |
| Wet season:                       | Total Water<br>Requirement (CMD)                   | 495 KLD  |  |             |          |              |       |  |  |  |
|                                   | Fire fighting -<br>Underground water<br>tank(CMD): | 200 KL   |  |             |          |              |       |  |  |  |
|                                   | Fire fighting -<br>Overhead water<br>tank(CMD):    | 75 KL  |  |             |          |              |       |  |  |  |
|                                   | <b>Excess treated wate</b>                         | 77 KLD   |  |             |          |              |       |  |  |  |
| Details of Swimming pool (If any) | Not applicable                                     |  |  |             |          |              |       |  |  |  |
|                                   | 33.Deta  | ls of Tota   | l water co   | nsume       | d        |              |       |  |  |  |
| Particula cons                    | sumption (CMD)                                     | 1  | Loss (CMD)   |             | Eff      | fluent (CMD) |       |  |  |  |
| Water<br>Require<br>ment Existing | Proposed Total                                     | Existing   | Proposed   | Total       | Existing | Proposed     | Total |  |  |  |
| Domestic                          |  |  |  |             |          |              |       |  |  |  |
|                                   |  |  |  |             |          |              |       |  |  |  |





|  | Level of the Ground water table:           | At depth of 0.75 mt. and 1.00 mt. below ground.   |  |  |  |  |  |
|--|--|---|--|--|--|--|--|
|  | Size and no of RWH tank(s) and Quantity:   | 1 RWH tank of 120 KL capacity   |  |  |  |  |  |
|  | Location of the RWH tank(s):               | Basement level  |  |  |  |  |  |
| 34.Rain Water<br>Harvesting                  | Quantity of recharge pits:                 | 18 Nos.   |  |  |  |  |  |
| (RWH)  | Size of recharge pits :                    | 4.0 mt. x 4.0 mt. x 4.0 mt. Depth. (16 Nos.) and 10 mt. x 1.2 mt. x 2.0 mt. Depth (2 Nos.)                                |  |  |  |  |  |
|  | Budgetary allocation (Capital cost) :      | Recharge Pit: Rs. 63.00 Lacs RWH Tank: Rs. 18.00 Lacs   |  |  |  |  |  |
|  | Budgetary allocation (O & M cost) :        | Recharge Pit: Rs. 3.15 Lacs/annum RWH Tank: Rs. 0.90 Lacs/annum   |  |  |  |  |  |
|  | Details of UGT tanks if any:               | Location: Basement level  |  |  |  |  |  |
|  |  |   |  |  |  |  |  |
|  | Natural water drainage pattern:            | The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD. |  |  |  |  |  |
| 35.Storm water drainage                      | Quantity of storm water:                   | 0.72 m3/sec   |  |  |  |  |  |
|  | Size of SWD:                               | 600mm wide X 600mm depth with slope 1:450   |  |  |  |  |  |
|  |  |   |  |  |  |  |  |
|  | Sewage generation in KLD:                  | 373 KLD   |  |  |  |  |  |
|  | STP technology:                            | MBBR (Moving Bed Bio Reactor)   |  |  |  |  |  |
| Sewage and                                   | Capacity of STP (CMD):                     | 1 STP of 430 KL   |  |  |  |  |  |
| Waste water                                  | Location & area of the STP:                | Location: Basement level (Area: 288 Sq. mt.)  |  |  |  |  |  |
|  | Budgetary allocation (Capital cost):       | Rs. 41.00 Lacs  |  |  |  |  |  |
|  | Budgetary allocation (O & M cost):         | Rs. 7.70 Lacs/annum   |  |  |  |  |  |
|  |  | d waste Management  |  |  |  |  |  |
| Waste generation in                          | Waste generation:                          | Not Applicable  |  |  |  |  |  |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | Construction waste has been partly reused on the site and partly has been disposed to the authorized landfill site.       |  |  |  |  |  |
|  | Dry waste:                                 | 500 Kg/day  |  |  |  |  |  |
|  | Wet waste:                                 | 800 Kg/day  |  |  |  |  |  |
| Wasta ganaratian                             | Hazardous waste:                           | Not Applicable  |  |  |  |  |  |
| Waste generation in the operation Phase:     | Biomedical waste (If applicable):          | Not Applicable  |  |  |  |  |  |
| 11400  | STP Sludge (Dry sludge):                   | 56 kg/day   |  |  |  |  |  |
|  | Others if any:                             |   |  |  |  |  |  |
|  |  |   |  |  |  |  |  |





(M. M. Adlani)
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| Dry waste:                       |               |   | To MCGM                              |                                       |  |            |                                       |                             |                                     |  |  |
|----------------------------------|---------------|---|--------------------------------------|---------------------------------------|--|------------|---------------------------------------|-----------------------------|-------------------------------------|--|--|
|                                  |               | Wet waste:                                      |                                      | Composting in organic waste convertor |  |            |                                       |                             |                                     |  |  |
|                                  |               | Hazardous                                       | waste:                               | Not Applica                           | Not Applicable                                 |            |                                       |                             |                                     |  |  |
| of waste: ap                     |               | Biomedical waste (If applicable):               |                                      | Not Applicable                        |  |            |                                       |                             |                                     |  |  |
|                                  |               | STP Sludg sludge):                              | STP Sludge (Dry sludge):             |                                       | ure  |            |                                       |                             |                                     |  |  |
|                                  |               | Others if a                                     | ny:                                  | Not Applica                           | able   |            |                                       |                             |                                     |  |  |
|                                  |               | Location(s                                      | ):                                   | Basement                              |  |            |                                       |                             |                                     |  |  |
| Area<br>requirem                 | ent:          | Area for the storage of waste & other material: |                                      | 112 Sq. mt.                           |  |            |                                       |                             |                                     |  |  |
|                                  |               | Area for m                                      | achinery:                            | 12 Sq. mt.                            |  |            |                                       |                             |                                     |  |  |
| Budgetary                        |               | Capital cos                                     | st:                                  | Rs 12.00 La                           | acs  |            |                                       |                             |                                     |  |  |
| (Capital co<br>O&M cost)         | st and<br>:   | O & M cos                                       | t:                                   | Rs. 3.35 La                           | cs/ann   | um         |                                       |                             |                                     |  |  |
|                                  |               | <u>I</u>  | 37.Ef                                | fluent C                              | hare   | cter       | estics                                |                             |                                     |  |  |
| Serial<br>Number                 | Paran         | neters  | Unit                                 | Inlet E<br>Charect                    |  |            | Outlet l<br>Charect                   | Effluent<br>erestics        | Effluent discharge standards (MPCB) |  |  |
| 1                                | -             |   | Mg/l                                 | Not ap                                | plicabl  | е          | Not app                               | olicable                    | Not applicable                      |  |  |
| Amount of e (CMD):               | effluent gene | eration   | Not applica                          | cable                                 |  |            |                                       |                             |                                     |  |  |
| Capacity of the ETP: Not applica |               |   |                                      | cable                                 |  |            |                                       |                             |                                     |  |  |
| Amount of trecycled:             | reated efflue | ent   | Not applica                          | licable                               |  |            |                                       |                             |                                     |  |  |
| Amount of v                      | vater send to | o the CETP:                                     | Not applica                          |                                       |  |            |                                       |                             |                                     |  |  |
|                                  | p of CETP (if | <u> </u>  | Not applica                          |                                       | <i>&gt;</i>                                    |            |                                       |                             |                                     |  |  |
|                                  | P technology  |   | Not applica                          |                                       |  |            |                                       |                             |                                     |  |  |
| Disposal of                      | the ETP sluc  | lge   | Not applica                          | nzardous Waste Details                |  |            |                                       |                             |                                     |  |  |
|                                  |               |   | 38.Ha                                | zardous                               | Was  | te D       | etails                                |                             |                                     |  |  |
| Serial<br>Number                 | Descr         | iption  | Cat                                  | UOM                                   | Exis   |            | Proposed                              | Total                       | Method of Disposal                  |  |  |
| 1                                | Not app       | plicable  | Not<br>applicable                    | Not<br>applicable                     | No<br>applio                                   |            | Not<br>applicable                     | Not<br>applicable           | Not applicable                      |  |  |
|                                  |               |   | 39.St                                | tacks em                              | issio  | n De       | etails                                |                             |                                     |  |  |
| Serial<br>Number                 | Section       | & units   |                                      | ed with<br>ntity                      | Stack  | x No.      | Height<br>from<br>ground<br>level (m) | Internal<br>diameter<br>(m) | I I amp of Exhauct                  |  |  |
| 1                                | 1 DG Set -    |   | GPX: 4<br>Nos.<br>Kanakia: 3<br>Nos. |                                       | s.<br>xia: 3                                   | 48.83 Mtr. | 500 mm                                | 850 OC                      |                                     |  |  |
|                                  |               |   | 40.De                                | tails of F                            | uel  | to be      | used                                  |                             |                                     |  |  |
| Serial<br>Number                 | Тур           | e of Fuel                                       |                                      | Existing                              |  |            | Proposed                              |                             | Total                               |  |  |
| 1                                |               | Diesel  | 2970                                 |                                       | KL Kanakia:<br>cer (990 Liter Nil<br>ceach DG) |            |                                       |                             | 2970 Liter                          |  |  |



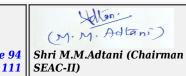
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| 41.Source of Fuel  |             |                                   |            |   |                         |         |  |  |  |
|--|-------------|-----------------------------------|------------|---|-------------------------|---------|--|--|--|
| 42. Mode of Transportation of fuel to site                       |             |                                   |            |   |                         |         |  |  |  |
| 42.Mode of   | Hallsportat | Joil of fuel to                   | site       |   |                         |         |  |  |  |
| Total RG area :  |             |                                   | ea:        | 10604.58 S                              | g. mt.                  |         |  |  |  |
| No of trees to l   |             | to be cut                         |            |   |                         |         |  |  |  |
| 43.Gree  |             | Number of be planted              |            | Trees already planted on site: 661 nos. |                         |         |  |  |  |
| Develop  | ment        | List of prop<br>native trees      |            | As shown b                              | elow                    |         |  |  |  |
|  |             | Timeline fo completion plantation | of         | Trees alrea                             | already planted on site |         |  |  |  |
| 44. Number and list of trees species to be planted in the ground |             |                                   |            |   |                         |         |  |  |  |
| Serial<br>Number   | Name of     | the plant                         | Commo      | on Name Quan                            |                         | ntity   | Characteristics & ecological importance  |  |  |
| 1  | Saraca      | a asoca                           | Ash        | ıoka                                    | 23                      | 31      | Small, erect evergreen tree, with<br>deep green leaves growing in<br>dense clusters. Beautiful foliage<br>and fragrant flowers |  |  |
| 2  | Greville    | a robusta                         | Silve      | r Oak                                   | 197                     |         | Shady Flowering Tree   |  |  |
| 3  | Khaya sei   | negalensis                        | Khaya (M   | (lahagony)                              | 20                      | 00      | Ornamental Tree used in road side<br>Plantation  |  |  |
| 4  |             | troemia<br>ciosa                  | Tan        | nhan                                    | 1                       | 3       | Shady Tree used in roadside plantation   |  |  |
| 5  | Plume       | ria alba                          | Ch         | afa                                     |                         | 5       | Small Flowering Tree   |  |  |
| 6  | Arecac      | eae Sp.                           | Pa         | alm                                     | 1                       | 5       | Large Tree Used in Landscaping   |  |  |
| 45   | .Total qua  | ntity of plant                    | ts on grou | nd                                      | V                       |         |  |  |  |
| 46.Nun   | ber and     | list of sh                        | rubs an    | d bushes                                | s species               | to be p | lanted in the podium RG:   |  |  |
| Serial<br>Number   |             | Name C/C                          |            |   | C/C Distance Area m2    |         |  |  |  |
| 1  |             |                                   |            |   |                         |         |  |  |  |
|  |             |                                   |            | 45.5                                    |                         | •       |  |  |  |

47.Energy



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|                  |                    |   | ower         | TATA Powe      | r  |                  |                             |  |  |
|------------------|--------------------|---|--------------|----------------|--|------------------|-----------------------------|--|--|
|                  |                    | During Cor<br>Phase: (De<br>Load)         |              |                |  |                  |                             |  |  |
|                  |                    | DG set as l<br>back-up du<br>construction | ıring        |                |  |                  |                             |  |  |
|                  |                    | During Opphase (Corload):                 |              | 16947 kW       |  |                  |                             |  |  |
| Pov<br>require   |                    | During Opphase (Derload):                 |              | 9500 kW        |  |                  |                             |  |  |
|                  |                    | Transform                                 | er:          | GPX: 4 x 22    | 50 kVA   | Kanakia: 2 x 250 | 0 kVA & 3 x 1500 kVA        |  |  |
|                  |                    | DG set as I<br>back-up du<br>operation    | ıring        | GPX: 4 Nos     | GPX: 4 Nos. of 2250 KVA each Kanakia: 3 Nos. of 2000 KVA |                  |                             |  |  |
|                  |                    | Fuel used:                                |              | Diesel         |  |                  | 70                          |  |  |
|                  |                    | Details of I tension lin through thany:   | e passing    |                |  |                  |                             |  |  |
|                  |                    | 48 Ene                                    | rav savi     | na by no       | ո-բու  | ventional m      | ethod:                      |  |  |
| • VFD (Vari      |                    | ficient LED<br>Drive) for ele             | vators       | refighting sys |  | 300              |                             |  |  |
|                  |                    |   |              |                |  | & % of saving    | <b>a:</b>                   |  |  |
| Serial<br>Number | E                  | nergy Cons                                |              |                |  |                  | Saving %                    |  |  |
| 1                |                    | Overall                                   | energy savir | ng             |  |                  | 12.6 %                      |  |  |
|                  |                    | 50  | Details      | of polluti     | ion c  | ontrol Syste     | ms                          |  |  |
| Source           | Ex                 | isting pollu                              | tion contro  | l system       |  | Pro              | Proposed to be installed    |  |  |
| Sewage           | S                  | TP of Capac                               | ity 430 KL C | apacity        |  |                  |                             |  |  |
| Wet<br>Waste     |                    | C !                                       | OWC          |                |  |                  |                             |  |  |
|                  | allocation         | Capital cos                               | st:          |                |  |                  |                             |  |  |
| (Capital<br>O&M  | cost and<br>cost): | O & M cos                                 | t:           |                |  |                  |                             |  |  |
| 51               | Enviro             | onment                                    | al Mar       | nageme         | nt p   | olan Budg        | etary Allocation            |  |  |
|                  |                    | a) (                                      | Construc     | ction pha      | se (v  | vith Break-u     | ip):                        |  |  |
| Serial<br>Number | Attri              | butes                                     | Parai        | meter          |  |                  |                             |  |  |
| 1                | N                  | Ā   | N            | ſΑ             |  |                  | NA                          |  |  |
|                  |                    | b   | ) Operat     | ion Phas       | e (wi  | th Break-up      | ):                          |  |  |
| Serial<br>Number | Comp               | onent                                     | Descr        | iption         | Capi   | tal cost Rs. In  | Operational and Maintenance |  |  |



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Lacs

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cost (Rs. in Lacs/yr)

| 1  | AIR & NOISE<br>ENVIRONMENT -<br>Ambient Air quality &<br>Noise Monitoring | By outside MoEF &<br>CC Approved<br>Laboratory           | *No set up cost is<br>involved | 0.22 |
|----|---|--|--------------------------------|------|
| 2  | AIR & NOISE<br>ENVIRONMENT - Cost<br>for DG Stack Exhaust<br>Monitoring   | 07 no. of stack  | *No set up cost is<br>involved | 0.34 |
| 3  | AIR & NOISE<br>ENVIRONMENT - Cost<br>for Plantation                       | RG area  | 58.33                          | 1.20 |
| 4  | WATER<br>ENVIRONMENT -<br>Waste water treatment                           | Cost for sewage<br>Treatment Plant                       | 41.00                          | 7.70 |
| 5  | WATER<br>ENVIRONMENT - Cost<br>for waste water<br>Monitoring              | By outside MoEF &<br>CC Approved<br>Laboratory           | *No set up cost is<br>involved | 0.03 |
| 6  | WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)     | Cost For RWH Pit   | 63.00                          | 3.15 |
| 7  | WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)     | Cost for RWH tank  | 18.00                          | 0.90 |
| 8  | LAND<br>ENVIRONMENT -<br>Solid Waste<br>Management                        | Cost for Treatment of<br>biodegradable<br>garbage in OWC | 12.00                          | 3.35 |
| 9  | LAND<br>ENVIRONMENT -<br>Solid Waste<br>Management                        | Environmental<br>Monitoring                              | *No set up cost is<br>involved | 0.08 |
| 10 | DMP   | \(\frac{1}{2}\)  | 3.74 Cr                        | 0.19 |

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

| Description    | Štatus         | Location       | Storage<br>Capacity<br>in MT | Maximum<br>Quantity<br>of<br>Storage<br>at any<br>point of<br>time in<br>MT | Consumption<br>/ Month in<br>MT | Source of      | Means of<br>transportation |
|----------------|----------------|----------------|------------------------------|---|---------------------------------|----------------|----------------------------|
| Not applicable | Not applicable | Not applicable | Not Not                      |   | Not applicable                  | Not applicable | Not applicable             |

#### **52.Any Other Information**

No Information Available

#### **53.Traffic Management**

Nos. of the junction to the main road & design of confluence:

Site is well connected to Chandivali farm road



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|                  | Number and area of basement:  | 2 Basements (Area: 37534.00 Sq. mt.) |
|------------------|---|--------------------------------------|
|                  | Number and area of podia:   | Not Applicable                       |
|                  | Total Parking area:   | 32296.69 Sq. mt.                     |
|                  | Area per car:   |                                      |
|                  | Area per car:   |                                      |
| Parking details: | Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   |                                      |
|                  | Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 682 Nos.                             |
|                  | Public Transport:   | Not Applicable                       |
|                  | Width of all Internal roads (m):  | 6.0 mt.                              |
|                  | 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<br>schedule of EIA<br>Notification sheet  | 8 (a) B2                             |
|                  | Court cases pending if any  | Not Applicable                       |
|                  | Other Relevant<br>Informations  |                                      |
|                  | Have you previously<br>submitted<br>Application online<br>on MOEF Website.                              | No                                   |
|                  | Date of online submission   | -                                    |
| SEAC             | DISCUSSION  | ON ENVIRONMENTAL ASPECTS             |

Summorised in brief information of Project as below.

Brief information of the project by SEAC





Representative of PP was present during the meeting along with environmental consultant M/s. Ultra-Tech.

The project was previously considered in 90<sup>th</sup> SEAC II meeting held on 27<sup>th</sup> February 2019 & was deferred as PP requested time to submit his say on the proposal.

Compliance/Representation submitted by the PP vide letter dated  $5^{\text{th}}$  April 2019 was taken on record

PP stated that, the application is for amendment in EC. PP further stated that, they have received Environmental Clearance from MoEF vide letter dated 1/8/2007 for total built up area 1,19,451.28 Sq.mt which is the FSI area & Non-FSI was not mentioned as per then prevalent practice. PP further stated that, as per circular issued by MoEF in 2008 EC has to be accorded after submission of approved plans, but they have received the EC on Conceptual plans itself.

Committee noted that, the architect certificate submitted by the PP .It is noted that, the total built up area of the project is 1,26,895.28 Sq.mt which includes the FSI area 1,19,451.28 Sq.mt as mentioned in the accorded EC & Non FSI area 7,444 Sq.mt not mentioned in EC as per then prevailing practice. Committee also noted that, the TBUA 1,27,255.47 Sq.mt constructed at site as per approval from local planning authority with marginal increase by 360.19Sq.mt i.e only 0.28% of total built up area approved in EC.

Committee noted that, as per copy of layout submitted to the MoEF while seeking EC & layout submitted to the local planning authority, the shape & profile of the building appears to be same. i.e 2B+G+ upper 8<sup>th</sup> Floor. Only ground coverage is exceeding to 0.28% due to replacement of substation from basement to ground floor as per condition of local planning authority and other environmental parameters remains the same.

Committee also noted that, the PP has already received approvals including OC from local planning authority from time to time since 2012. Considering total built up area for granted EC, there is marginal increase, and therefore there is hardly any change in environmental parameters. Committee also considered the letter issued by then SEIAA dated June 2014 regarding amendment upto 10%. The project under consideration is amendment in EC of only 0.28% and therefore fit for amendment in EC.

#### **DECISION OF SEAC**

Committee after deliberation recommended to SEIAA for amendment in EC.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

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



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SEAC-II)

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#### Agenda of 95th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

#### SEAC Meeting number: 95 Meeting Date April 8, 2019

**Subject:** Environment Clearance for "Expansion of Residential, Retail, IT & Commercial project" on Plot bearing C.T.S. Nos. 117A, 117A/1, 117B& 117 C., village Tungwa, Saki Vihar Road, Gate No. 5, Powai East, Mumbai - 400 072 By M/s. Larsen & Toubro Realty Ltd.

| Te a | Vio   | lation  | Case: | Nο  |
|------|-------|---------|-------|-----|
| 15 a | . VIU | lativii | Case: | TAO |

| 1.Name of Project  | "Expansion of Residential, Retail, IT & Commercial project" By M/s. Larsen & Toubro Realty Ltd.  |
|--|--|
| 2.Type of institution  | TOR  |
| 3.Name of Project Proponent  | M/s. Larsen & Toubro Realty Ltd.   |
| 4.Name of Consultant   | M/s. Enviro Analysts and Engineers Private Limited.  |
| 5.Type of project  | Residential, Retail, IT & Commercial project   |
| 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 | Yes. Previous EC dated on 17th September 2018 (SEIAA-EC-0000000419)  |
| 8.Location of the project  | CTS. Nos. 117A, 117A/1, & 117B & 117C Village Tungwa, Saki Vihar Road, Powai, Mumbai - 400 072   |
| 9.Taluka   | Kurla  |
| 10.Village   | Tungwa   |
| Correspondence Name:   | Mr. Anand Rane   |
| Room Number:   |  |
| Floor:   | Ground Floor,  |
| <b>Building Name:</b>  | Tower -A, TC-II,   |
| Road/Street Name:  | Saki Vihar Road  |
| Locality:  | Powai East,  |
| City:  | Mumbai   |
| 11.Area of the project   | Municipal Corporation of Greater Mumbai (MCGM)   |
|  | IT buildings TC 1 - CE/3990/BPES/AL TC 2 - CE / 4186/BPES/AL TC 3 - CE/ 4334/BPES/AL TC 4 - CE/ 4408/BPES/AL Residential Buildings T1 - CE/4406/BPES/AL T2-T16 - CE/ 4407/BPES/AL Medical Centre CHE/ES/2006/L/337 ( New)  |
| 12.IOD/IOA/Concession/Plan<br>Approval Number  | IOD/IOA/Concession/Plan Approval Number: IT buildings TC 1 - CE/3990/BPES/AL TC 2 - CE / 4186/BPES/AL TC 3 - CE/ 4334/BPES/AL TC 4 - CE/ 4408/BPES/AL Residential Buildings T1 - CE/4406/BPES/AL T2-T16 - CE/ 4407/BPES/AL Medical Centre CHE/ES/2006/L/337 ( New) |
|  | Approved Built-up Area: 329199.58  |
| 13.Note on the initiated work (If applicable)  | Work under progress  |
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                                      | OC received for TC3, TC4, residential building T1 - T8, Health and welfare center  |
| 15.Total Plot Area (sq. m.)  | 1,46,679.50 Sq.m.  |
| 16.Deductions  | 25,949.39 Sq.m   |
| 17.Net Plot area   | 120730.11 sq.m   |
| 10 (c) Proposed Parille and A conference   | a) FSI area (sq. m.): 3,61,023.79 Sq.m (Includes TC I, TC II ,TCIII,TCIV,TCV,RESI, Health Welfare Centre & Distribution Sub-Station)   |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)  | <b>b)</b> Non FSI area (sq. m.): 3,70,729.58 Sq.m (Includes TC I, TC II ,TCIII,TCIV,TCV,RESI, Health Welfare Centre & Distribution Sub-Station)  |
|  | c) Total BUA area (sq. m.): 731753.37  |
| 10 (1) 4   | Approved FSI area (sq. m.): 329199.58  |
| 18 (b).Approved Built up area as per DCR   | Approved Non FSI area (sq. m.): 3,15,335.44  |
|  | Date of Approval: 19-04-2018   |
| 19.Total ground coverage (m2)  | 73,678.97 Sq.m   |



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Shri M.M.Adtani (Chairman SEAC-II)

| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky) | 50%       |
|--|-----------|
| 21 Estimated cost of the project   | 949000000 |

# 22. Number of buildings & its configuration

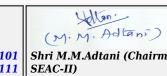
| 22.Number of buildings & its configuration |  |   |   |                                 |  |  |  |  |
|--|--|---|---|---------------------------------|--|--|--|--|
| Serial<br>number                           | Buildin  | ng Name & number  | Number of floors  | Height of the building (Mtrs)   |  |  |  |  |
| 1  | Reside   | ntial Tower no.1-OC<br>received                                       | 77.65   |                                 |  |  |  |  |
| 2  | Resider  | ntial Tower no.2 -OC<br>received                                      | 3 podiums/ part basement + Stilt + 24 Upper Floors          | 84.45                           |  |  |  |  |
| 3  | Resider  | ntial Tower no.3 -OC<br>received                                      | 3 podiums/ part basement + Stilt + 24 Upper Floors          | 84.45                           |  |  |  |  |
| 4  | Resider  | ntial Tower No.4 -OC<br>received                                      | 3 podiums/ part basement + Stilt + 24 Upper Floors          | 84.45                           |  |  |  |  |
| 5  | Reside   | ntial Tower no.5-OC<br>received                                       | 3 podiums/ part basement + Stilt + 24 Upper Floors          | 84.45                           |  |  |  |  |
| 6  | Resider  | ntial Tower no.6 -OC<br>received                                      | 3 podiums/ part basement + Stilt + 24 Upper Floors          | 84.15                           |  |  |  |  |
| 7  | Reside   | ntial Tower no.7 -OC<br>received                                      | 3 podiums/ part basement + Stilt + 25 Upper Floors          | 87.55                           |  |  |  |  |
| 8  | Reside   | ntial Tower no.8-OC<br>received                                       | 3 podiums/ part basement + Stilt + 25 Upper Floors          | 86.94                           |  |  |  |  |
| 9  | Reside   | Residential Tower no.9,10 2B+G+3 podiums + Stilt + 26<br>Upper Floors |   | 95.40                           |  |  |  |  |
| 10   | Reside   | ential Tower no. 11   | 2B+G+3 podiums+ Stilt + 26<br>Upper Floors                  | 95.40                           |  |  |  |  |
| 11   | Reside   | idential Tower no. 12 2B+G+3 podiums + Stilt + 26 Upper Floors        |   | 95.40                           |  |  |  |  |
| 12   | Reside   | ential Tower no. 13   | 3B+G+2 podiums+ Stilt + 26<br>Upper Floors                  | 95.70                           |  |  |  |  |
| 13   | Reside   | ential Tower no. 14   | 3B+G+2 podiums + Stilt + 26<br>Upper Floors                 | 95.70                           |  |  |  |  |
| 14   | Reside   | ential Tower no. 15   | 2B+G+2 podiums+ Stilt + 26<br>Upper Floors                  | 95.70                           |  |  |  |  |
| 15   | Reside   | ential Tower no. 16   | 1B+G+2 podiums + Stilt + 26<br>Upper Floors                 | 95.70                           |  |  |  |  |
| 16   |  | TC-III  | OC received   | 37.95                           |  |  |  |  |
| 17   |  | TC IV   | OC received   | 53.98                           |  |  |  |  |
| 18   |  | TC V  | 3B+G+22Upper Floors   | 92.30                           |  |  |  |  |
| 19   | Health a   | nd Welfare center-OC<br>received                                      | Ground + 6 upper floors                                     | 28.20                           |  |  |  |  |
|  | 23.Number of tenants and shops 2295 Nos of residential |   | units & IT offices +Health & welfare                        | centre                          |  |  |  |  |
|  | expected residents / Centre -100 No's(fixed)           |   | s. Commercial : 4414 (TC 3 & 4 ) + 29<br>,530 Nos(floating) | 70 (TCV) Nos Health and Welfare |  |  |  |  |
| 25.Tenant<br>per hectar                    |  | 267 Nos / hector (on res  | sidential plot area)  |                                 |  |  |  |  |
| 26.Height of the                           |  |   |   |                                 |  |  |  |  |



building(s)

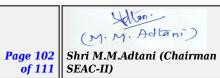
| 27.Right of (Width of the from the nation to the proposed here)                                | the road<br>earest fire<br>the | 45 m wide J                     | 5 m wide JVLR road & 27.50 m wide Saki Vihar road |  |                 |              |  |  |  |  |
|--|--------------------------------|---------------------------------|---|--|-----------------|--------------|--|--|--|--|
| 28.Turning<br>for easy ac<br>fire tender<br>movement<br>around the<br>excluding<br>for the pla | from all building the width    | n all   >7.5 m                  |   |  |                 |              |  |  |  |  |
| 29.Existing structure (  |                                | Constructio                     | n as per EC                                       |  |                 |              |  |  |  |  |
| 30.Details<br>demolition<br>disposal (I<br>applicable)   | with<br>f                      | NA                              |   |  |                 |              |  |  |  |  |
|  | 31.Production Details          |                                 |   |  |                 |              |  |  |  |  |
| Serial<br>Number   | Pro                            | duct                            | Existing  | (MT/M)                                 | Proposed (MT/M) | Total (MT/M) |  |  |  |  |
| 1  | Not app                        | plicable                        | Not app   | plicable Not applicable Not applicable |                 |              |  |  |  |  |
|  |                                | 3                               | 2.Tota  | l Water Requirement                    |                 |              |  |  |  |  |
|  |                                | Source of                       | water   | MCGM / Recycled water                  |                 |              |  |  |  |  |
|  |                                | Fresh water                     | er (CMD):   | 1265                                   |                 |              |  |  |  |  |
|  |                                | Recycled v<br>Flushing (        |   | 699                                    |                 |              |  |  |  |  |
|  |                                | Recycled v<br>Gardening         |   | 210                                    |                 |              |  |  |  |  |
|  |                                | Swimming<br>make up (           |   | 15                                     |                 |              |  |  |  |  |
| Dry season   | <b>1:</b>                      | Total Wate<br>Requirement:      | er<br>ent (CMD)                                   | 2174                                   |                 |              |  |  |  |  |
| Und  |                                | Fire fighting Undergroutank(CMD | nd water  | 2300 cum                               |                 |              |  |  |  |  |
|  |                                | Fire fighting Overhead tank(CMD | water   | 50 cum for                             | each wing       |              |  |  |  |  |
|  |                                | Excess tre                      | ated water  | 0                                      |                 |              |  |  |  |  |





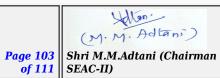
|                                    |                | Source of                                    | wator          | MCGM / Ro  | cycled water   | r/RWH tanks    |                |                   |                |  |  |
|------------------------------------|----------------|--|----------------|--|----------------|----------------|----------------|-------------------|----------------|--|--|
|                                    |                | Fresh water                                  |                | MCGM / Recycled water/RWH tanks 1265   |                |                |                |                   |                |  |  |
|                                    |                | Recycled w                                   |                |  |                |                |                |                   |                |  |  |
|                                    |                | Flushing (                                   |                | 699  |                |                |                |                   |                |  |  |
|                                    |                | Recycled w<br>Gardening                      |                | 0  |                |                |                |                   |                |  |  |
|                                    |                | Swimming<br>make up (                        |                | 15   |                |                |                |                   |                |  |  |
| Wet season:                        |                | Total Wate<br>Requirement:                   | -              | 1964   |                |                |                |                   |                |  |  |
|                                    |                | Fire fighting Undergroutank(CMD)             | nd water       | 2300 cum   |                |                |                | . 0               |                |  |  |
|                                    |                | Fire fighting<br>Overhead v<br>tank(CMD)     | water          | 50 cum for   | each wing      |                |                | 1                 |                |  |  |
|                                    |                | Excess trea                                  | ated water     | 210  |                |                |                |                   |                |  |  |
| Details of pool (If an             |                | SP-1: 21.2 x<br>SP-2- 22.5 x<br>SP-3- 25.5 x | 12.5 m         |  |                |                |                |                   |                |  |  |
| 33.Details of Total water consumed |                |  |                |  |                |                |                |                   |                |  |  |
| Particula<br>rs                    | Cons           | sumption (C                                  | EMD)           | Loss (CMD)   |                |                | Effluent (CMD) |                   |                |  |  |
| Water<br>Require<br>ment           | Existing       | Proposed                                     | Total          | Existing   | Proposed       | Total          | Existing       | Proposed          | Total          |  |  |
| Domestic                           | Not applicable | Not applicable                               | Not applicable | Not applicable   | Not applicable | Not applicable | Not applicable | Not<br>applicable | Not applicable |  |  |
|                                    |                |  |                |  |                |                |                |                   |                |  |  |
|                                    |                | Level of th<br>water table                   |                | 3.5m to 17.0m  |                |                |                |                   |                |  |  |
|                                    |                | Size and no of RWH tank(s) and Quantity:     |                | RHW Tank for Tower T9 to T16= $2*160$ cum , RHW for Tower T1 = $30$ cum, RHW for Tower T2 to T8 = $1*116$ cum , RHW for TC-III = $25$ cum , RHW for Tower TCIV= $52$ cum. Nos. RHW for Tower TCV= $62$ cum |                |                |                |                   |                |  |  |
|                                    |                | Location of the RWH tank(s):                 |                | For T9 to T16 - 21.0M.LVL. & 24.13 M.LVL For T1 - 31.4M LVL. For T2 to T8 - 24.3M.LVL. For TCIII- 13.5 M LVL. For TCIV- 22.95M.LVL. For TC V- 21.00 M LVL.   |                |                |                |                   |                |  |  |
|                                    |                | Quantity o pits:                             | f recharge     | T9-T16 – 2 Nos. T2-T8 – 2 No. Health and Welfare Center- 1 No. TC-IV – 1 No.   |                |                |                |                   |                |  |  |
| 34.Rain V                          |                | Size of rec:                                 | harge pits     | 3m x 3m x 3m and 4m x 4m x 2m  |                |                |                |                   |                |  |  |
| (RWH)                              |                | Budgetary<br>(Capital co                     |                | Rs. 50.00 lakhs  |                |                |                |                   |                |  |  |
|                                    |                | Budgetary<br>(O & M cos                      |                | Rs.5.00 lakh   | ns/yr          |                |                |                   |                |  |  |
|                                    |                | Details of if any:                           | UGT tanks      | Health and<br>For TC III -<br>For TC IV- I<br>For T1- Bas<br>For T2-T8-P   |                | ter- Ground    |                |                   |                |  |  |





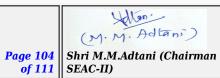
|   | Natural water drainage pattern:            | Total storm water runoff to the Municipality storm water network on the roads  |  |  |  |  |
|---|--|--|--|--|--|--|
| 35.Storm water drainage                     | Quantity of storm water:                   | Total storm water runoff to the Municipality storm water network-1.92cum/sec For T1-T8- 0.69 Cum/Sec For T9 to T16 = 0.72 Cum/Sec For Health and Welfare center= 0.052Cum/Sec For TC IV = 0.059 Cum/Sec For TC-V - 0.406 Cum/Sec   |  |  |  |  |
|   | Size of SWD:                               | 600 mm wide storm water drain Slope: 1:300   |  |  |  |  |
|   |  |  |  |  |  |  |
|   | Sewage generation in KLD:                  | 1795 KLD   |  |  |  |  |
|   | STP technology:                            | MBBR   |  |  |  |  |
|   | Capacity of STP (CMD):                     | T1 & T2 - 100KLD, T3, T4 & T5 - 260KLD T6, T7 & T8 - 170KLD T9, T10,T11-325 KLD, T12,T13: 235 KLD T14,T15,T16: 395 KLD TC-III:-60KLD TC-IV:-80KLD Total: 60+80 :140 KLD Health and Welfare Center :30 KLD TC V- 140 KLD  |  |  |  |  |
| Sewage and<br>Waste water                   | Location & area of the STP:                | T1 & T2 - Part Podium & Basement-2, Area - 125 Sq.M. T3, T4 & T5 - Podium 1, Area - 399 Sq.M. T6, T7 & T8 - Podium 1, Area - 184 Sq.M. T9, T10,T11-Party on Basement & Ground, Area-345 Sq.M. T12,T13: On Ground, Area - 239 Sq.M. T14,T15,T16: On Ground, Area - 395 Sq.M. TC-III:-Basement 4, Area - 80 Sq.M. TC-IV:- Basement 3, Area - 132 Sq.M. Health and Welfare Center: On Ground, Area - 90 Sq.M. TC V-Basement 1 & 2, Area - 260 Sq.M. |  |  |  |  |
|   | Budgetary allocation (Capital cost):       | Rs.275.00 lakhs  |  |  |  |  |
|   | Budgetary allocation (O & M cost):         | Rs 27.50 lakhs/yr.   |  |  |  |  |
|   | 36.Soli                                    | d waste Management   |  |  |  |  |
| Waste generation in<br>the Pre Construction | Waste generation:                          | Waste generation in the Pre-Construction and Construction phase Pre-<br>construction Phase: Waste generated during construction will be reused<br>as per the requirement and rest will be send to recyclers and scrap<br>dealers for final disposal. Quantity of the top soil to be preserved:   |  |  |  |  |
| and Construction phase:                     | Disposal of the construction waste debris: | Waste generated during construction will be reused as per the requirement and rest will be send to recyclers and scrap dealers for final disposal.   |  |  |  |  |
|   | Dry waste:                                 | 2754 kg/day  |  |  |  |  |
| Waste generation in the operation Phase:    | Wet waste:                                 | 3479 kg/day  |  |  |  |  |
|   | Hazardous waste:                           | Negligible   |  |  |  |  |
|   | Biomedical waste (If applicable):          | 110 - 135 Kg/month   |  |  |  |  |
|   | STP Sludge (Dry sludge):                   | 150 kg   |  |  |  |  |
|   | Others if any:                             | E-waste will be handed over to MPCB authorized dealers   |  |  |  |  |





| Dry waste:                  |               | Dry waste:                        |                   | Collected by  | y recycl             | lers     |                                       |                             |  |
|-----------------------------|---------------|-----------------------------------|-------------------|---|----------------------|----------|---------------------------------------|-----------------------------|--|
|                             |               | Wet waste                         | 1                 | Utilized as manure through Organic Waste composting machine   |                      |          |                                       |                             |  |
|                             |               | Hazardous                         | waste:            | Shall be disposed as norms  |                      |          |                                       |                             |  |
| Mode of Disposal of waste:  |               | Biomedica<br>applicable           |                   | Will be segregated as per Biomedical Waste Management and Handling Rule 1998 (amended in 2016)and handed over to Common Bio-medical Waste Treatment Facilities. |                      |          |                                       |                             |  |
|                             |               | STP Sludge sludge):               | e (Dry            | Used as a n   | nanure               |          |                                       |                             |  |
|                             |               | Others if a                       | ny:               |   |                      |          | be managed<br>over to auth            |                             | ste Management Rules,<br>or.                         |
|                             |               | Location(s                        | ):                | Below ramp  | )                    |          |                                       |                             |  |
| Area<br>requirem            | ent:          | Area for the of waste & material: |                   | capacity of   | OWC fo               | or T9-   |                                       | 7 Sq.m, 120                 | a-220 Sq.m, 2 tonne<br>Kg capacity for TC-IV<br>Sq.m |
|                             |               | Area for m                        | achinery:         | Area includ   | ed as al             | bove     |                                       |                             |  |
| Budgetary                   |               | Capital cos                       | st:               | Rs. 58.30 L   | akhs                 |          |                                       |                             | <i>&gt;</i>  |
| (Capital co<br>O&M cost)    |               | O & M cos                         | t:                | Rs.8.80 Lak   | khs/yr.              |          |                                       |                             |  |
| 37.Effluent Charecterestics |               |                                   |                   |   |                      |          |                                       |                             |  |
| Serial<br>Number            | Paran         | neters                            | Unit              | Inlet E<br>Charect  | affluent<br>terestic | •        |                                       | Effluent<br>erestics        | Effluent discharge standards (MPCB)                  |
| 1                           | Not app       | plicable                          | Not applicable    | Not ap  | plicable             | C        | Not applicable                        |                             | Not applicable                                       |
| Amount of e (CMD):          | effluent gene | ration                            | Not applica       | icable  |                      |          |                                       |                             |  |
| Capacity of                 | the ETP:      |                                   | Not applica       | cable   |                      |          |                                       |                             |  |
| Amount of trecycled:        | reated efflue | ent                               | Not applica       | cable   |                      |          |                                       |                             |  |
| Amount of v                 | vater send to | the CETP:                         | Not applica       | able  |                      |          |                                       |                             |  |
| Membership                  | o of CETP (if | require):                         | Not applica       |   |                      |          |                                       |                             |  |
|                             | P technology  |                                   | Not applica       |   |                      |          |                                       |                             |  |
| Disposal of                 | the ETP slud  | lge                               | Not applica       |   |                      |          |                                       |                             |  |
|                             |               |                                   | 38.Ha             | zardous   | Wast                 | te D     | etails                                |                             |  |
| Serial<br>Number            | Descr         | iption                            | Cat               | UOM   | Existi               | Ü        | Proposed                              | Total                       | Method of Disposal                                   |
| 1                           | Not app       | olicable                          | Not<br>applicable | Not<br>applicable   | Not<br>applica       |          | Not<br>applicable                     | Not<br>applicable           | Not applicable                                       |
|                             |               |                                   | 39.S              | tacks em  | issior               | n De     | etails                                |                             |  |
| Serial<br>Number            | Section       | SOCTION AT HINITE                 |                   | sed with<br>ntity   | I STOCK NO           |          | Height<br>from<br>ground<br>level (m) | Internal<br>diameter<br>(m) | Temp. of Exhaust<br>Gases                            |
| 1                           | Not app       | olicable                          | Not ap            | plicable  | Not<br>applica       | -        | Not applicable                        | Not<br>applicable           | Not applicable                                       |
|                             |               |                                   | 40.De             | tails of F  | uel to               | o be     | e used                                |                             |  |
| Serial<br>Number            | Тур           | e of Fuel                         |                   | Existing  |                      | Proposed |                                       |                             | Total  |
| 1                           | Not           | applicable                        | 1                 | Not applicabl   | е                    | N        | Not applicabl                         | е                           | Not applicable                                       |
| 41.Source o                 | f Fuel        |                                   | Not a             | applicable  |                      |          |                                       |                             |  |





| 42.Mode of Transportation of fuel to site Not ag |   | Not a | applicable   |  |  |
|--|---|-------|--|--|--|
|  |   |       |  |  |  |
|  | Total RG area:                          |       | 40,564.40 sqm  |  |  |
|  | No of trees to be cut :                 |       | As per tree NOC Existing:148 no's Tree to be cut - 30 Tree to be transplant - 83 Trees to retained - 35 New plantation - 304 |  |  |
| 43.Green Belt                                    | Number of trees to be planted :         |       | 304 No's.  |  |  |
| Development                                      | List of proposed native trees :         |       | As enclosed  |  |  |
|  | Timeline for completion of plantation : |       | Till completion of all phases  |  |  |

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

|                  |                           |                    |          | 3                                       |
|------------------|---------------------------|--------------------|----------|---|
| Serial<br>Number | Name of the plant         | Common Name        | Quantity | Characteristics & ecological importance |
| 1                | Cassia Fistula            | Golden Rain Tree   | 30       | Ornamental tree                         |
| 2                | Azadirachcta Indica       | Neem               | 8        | Noise reduction dust and smoke          |
| 3                | Madhuca Indica            | Mahua              | 23       | Noise reduction, dust and smoke         |
| 4                | Michellia Champaca        | Champak            | 20       | Shade givers, scented flowers           |
| 5                | Tabebuia Rosea            | Pink Trumpet Tree  | 20       | Ornamental tree                         |
| 6                | Spathodea<br>Campanuluta  | African Tulip Tree | 26       | Ornamental tree                         |
| 7                | Melia Azadirachcta        | China Berry Tree   | 9        | Noise reduction dust and smoke          |
| 8                | Mesua Ferrea              | Cobra Saffron      | 18       | Medicinal use                           |
| 9                | Dispyros Malabarica       | Malabar Ebony      | 24       | Medicinal use                           |
| 10               | Anthocephalus<br>Kadamba  | Kadam              | 7        | Dust and smoke Noise reduction          |
| 11               | Terminalia Arjuna         | Arjun Tree         | 20       | Noise Reduction, Dust and Smoke         |
| 12               | Tamarindus Indica         | Tamarind           | 9        | Medicinal use                           |
| 13               | Peltoforum<br>Ferrogineum | Copper Pod         | 22       | Shade and ornamental value              |
| 14               | Areca Catechu             | Palm               | 68       | Medicinal use                           |
| 45               | 5.Total quantity of plan  | its on ground      |          |   |

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

| Serial<br>Number | Name                    | C/C Distance | Area m2 |
|------------------|-------------------------|--------------|---------|
| 1                | Acalypha rosea          | 300          | 3.3     |
| 2                | Agave americana         | 500          | 48.2    |
| 3                | Allamanda schottii Nana | 300          | 12.4    |
| 4                | Alpinia purpurata       | 400          | 55.1    |
| 5                | Alpinia zerumbet        | 400          | 31.8    |
| 6                | Asplenium nidus         | 400          | 37.2    |
| 7                | Bambusa vulgaris        | 1000         | 66.2    |
| 8                | Barleria cristata Rosea | 400          | 60.2    |
| 9                | Breynia nivosa Nana     | 300          | 94.2    |
| 10               | Crinum lily             | 300          | 44.6    |
| 11               | Costus woodsonii        | 300          | 22.6    |





| 12 | Cyperus alternifolius                 | 400 | 20.2  |  |  |  |  |
|----|---------------------------------------|-----|-------|--|--|--|--|
| 13 | Dracaena mahatma                      | 500 | 28.7  |  |  |  |  |
| 14 | Galphimia glauca                      | 400 | 40.2  |  |  |  |  |
| 15 | Gardenia jasminoides                  | 400 | 139.7 |  |  |  |  |
| 16 | Gardenia jasminoides<br>Veitchii      | 300 | 61.7  |  |  |  |  |
| 17 | Heliconia psittacorum 'Fire<br>Flash' | 400 | 36.5  |  |  |  |  |
| 18 | Ixora duffi Red                       | 400 | 11.2  |  |  |  |  |
| 19 | Ixora lutea                           | 400 | 13.7  |  |  |  |  |
| 20 | Jasminum multiflorum                  | 300 | 57.5  |  |  |  |  |
| 21 | Lemonia spectabilis<br>Variegata      | 300 | 60.6  |  |  |  |  |
| 22 | Lantana camara 'Hybrida'              | 300 | 184.3 |  |  |  |  |
| 23 | Murraya exotica                       | 400 | 46.4  |  |  |  |  |
| 24 | Nerium oleander 'Pink'                | 500 | 79.1  |  |  |  |  |
| 25 | Pachystachys lutea                    | 300 | 69.3  |  |  |  |  |
| 26 | Phyllanthus myrtifolius               | 200 | 184.6 |  |  |  |  |
| 27 | Plumbago ovata                        | 300 | 10.6  |  |  |  |  |
| 28 | Ruellia brittoniana                   | 300 | 83.6  |  |  |  |  |
| 29 | Russellia equisetiformis              | 300 | 20.33 |  |  |  |  |
| 30 | Sansevieria trifasciata               | 300 | 49.7  |  |  |  |  |
| 31 | Schefflera arboricola 'Green'         | 300 | 3.7   |  |  |  |  |
| 32 | Spathiphyllum cupido                  | 300 | 13.6  |  |  |  |  |
| 33 | Syzygium campanulatum                 | 400 | 20.4  |  |  |  |  |
| 34 | Tabernaemontana divaricata<br>'Dwarf' | 300 | 83.7  |  |  |  |  |
| 35 | Tecomaria capensis                    | 400 | 85.8  |  |  |  |  |
| 36 | Tecoma gaudi-chaudi                   | 500 | 67.3  |  |  |  |  |
| 37 | Acorus calamus                        | 300 | 31.9  |  |  |  |  |
| 38 | Adhatoda vasica                       | 400 | 30.9  |  |  |  |  |
| 39 | Aloe vera                             | 400 | 30    |  |  |  |  |
| 40 | Coleus aromaticus                     | 200 | 59.1  |  |  |  |  |
| 41 | Cymbopogon floxosus                   | 400 | 47    |  |  |  |  |
| 42 | Ocimum basilicum                      | 400 | 45.9  |  |  |  |  |
| 43 | Ocimum sanctum                        | 400 | 34.8  |  |  |  |  |
| 44 | Pandanus amaryllifolius               | 300 | 60.3  |  |  |  |  |
| 45 | Piper betle                           | 200 | 23    |  |  |  |  |
| 46 | Piper nigrum                          | 200 | 28.5  |  |  |  |  |
|    | 47.Energy                             |     |       |  |  |  |  |

|                    | Source of power supply:  | Tata power  |
|--------------------|--|---|
|                    | During Construction<br>Phase: (Demand<br>Load)                         | 300KW   |
|                    | DG set as Power<br>back-up during<br>construction phase                |   |
| Danier             | During Operation phase (Connected load):                               | 59997 kW  |
| Power requirement: | During Operation phase (Demand load):                                  | 31897 kW  |
|                    | Transformer:   | Transformer Shall be Supplied by TATA Power   |
|                    | DG set as Power<br>back-up during<br>operation phase:                  | T1 - 1 # 750KVA T2-T8: 3 # 750KVA T9 - T16: 2 # 750KVA TC - IV: 1 # 1500KVA TC - III: 2 # 500KVA, 1 # 150KVA Health and Welfare Center: 1 # 750KVA TC V: 2# 1500KVA |
|                    | Fuel used:   | HSD   |
|                    | Details of high<br>tension line passing<br>through the plot if<br>any: | NA  |

#### 48. Energy saving by non-conventional method:

- 1. Use of LED light fixtures in Lift Lobbies, common area and parking
- 2. Exterior lighting to be controlled by timer
- 3. VFD for lifts
- 4. Energy efficient motors for Pumps and fans
- 5. Ventilation fans controlled through CO sensors
- 6. VFD for podium / basement ventilation fans

#### 49. Detail calculations & % of saving:

| Serial<br>Number | <b>Energy Conservation Measures</b>  | Saving % |
|------------------|--|----------|
| 1                | As Per ECBC Code Requirements % Savings<br>Considering on Total Common Area Load | 19%      |
| 2                | % Energy Savings due to Solar PV on Terrace on<br>Total Common area Load         | 5%       |
| 3                | Total Energy saving in % on Common Area Load                                     | 24%      |

#### 50.Details of pollution control Systems

| Source  | Ex             | isting pollution contro | l system           | Proposed to be installed |
|---|----------------|-------------------------|--------------------|--------------------------|
| Not<br>applicable   | Not applicable |                         |                    | Not applicable           |
| Budgetary allocation (Capital cost and O&M cost):  Capital cost:  O & M cost: |                | Capital cost:           | Rs. 180.40lakhs    |                          |
|   |                | O & M cost:             | Rs.18.04 lakhs/yr. |                          |

#### 51. Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

| Serial<br>Number | Attributes | Parameter | Total Cost per annum (Rs. In Lacs) |
|------------------|------------|-----------|------------------------------------|
|------------------|------------|-----------|------------------------------------|



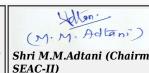
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| 1                | Air Env   | vironment               | ronment Water Sp<br>Green<br>Developmer<br>storage |                                |                   |   |       | 16   |                     |                            |  |
|------------------|---|-------------------------|--|--------------------------------|-------------------|---|-------|--|---------------------|----------------------------|--|
| 2                | Noise Er  | nvironment              |  | ricades a:<br>n Belt<br>pments | nd                |   |       |  |                     |                            |  |
| 3                | Water E   | nvironment              | Septic tanl<br>Draina<br>sedimenta                 | ge with                        |                   |   |       | 8  |                     |                            |  |
| 4                | Good Hea  | lth Practices           |  | itation &<br>h Care            |                   |   |       | 5  |                     |                            |  |
| 5                |   | ronment<br>itoring      | Air,water<br>monitorii<br>construct                | ng during                      | J                 |   |       | 1.5  | , (                 |                            |  |
|                  |   | b                       | ) Operat   | ion Ph                         | ase (wi           | th Breal  | k-up  | ):   |                     |                            |  |
| Serial<br>Number | Com   | ponent                  | Descr  | iption                         | Capi              | ital cost Rs<br>Lacs  | . In  | Operational and Maintenance<br>cost (Rs. in Lacs/yr) |                     |                            |  |
| 1                | Water E   | nvironment              | Rain water   | harvesti                       | ng                | 50.00   |       |  | 5.00                |                            |  |
| 2                | Land En   | vironment               | MS   | SW                             |                   | 58.30   |       |  | 8.80                |                            |  |
| 3                | Water E   | nvironment              | S  | ГР                             |                   | 275.00  |       |  | 27.50               |                            |  |
| 4                | Land En   | vironment               | Lands  | caping                         |                   | 162.00  |       |  | 24.00               |                            |  |
| 5                | Energ   | ergy Saving including S |  | System<br>Solar PV<br>race     | on                | 180.00  |       |  | 18.00               | )                          |  |
| 51.S             | torage  | e of che                | emicals  |                                | amabl<br>stance   | _   | osiv  | e/haz  | zardou              | s/toxic                    |  |
| Descri           | ption   | Status                  | Location   | Location                       |                   | Maximum<br>Quantity<br>of<br>Storage<br>at any<br>point of<br>time in<br>MT | / M   | umption<br>onth in<br>MT                             | Source of<br>Supply | Means of<br>transportation |  |
| Not app          | licable   | Not<br>applicable       | Not applicable                                     |                                | Not<br>applicable | Not applicable  | Not a | pplicable  | Not<br>applicable   | Not applicable             |  |
|                  | 52.Any Other Information  |                         |  |                                |                   |   |       |  |                     |                            |  |
| No Informa       | No Information Available  |                         |  |                                |                   |   |       |  |                     |                            |  |
|                  |   | > -                     | 53.  | Traffi                         | Mana              | gement  |       |  |                     |                            |  |
|                  | Nos. of the junction to the main road & design of confluence:  Saki Vihar Road and JVLR |                         |  |                                |                   |   |       |  |                     |                            |  |





|                  | Number and area of basement:  | Number of Parking - 1981 Area for basement parking = 1,33,363.39 Sq.m  |
|------------------|---|--|
|                  | Number and area of podia:   | Number of Parking - 3822 Area for Podium parking-1,21,666.26 Sq.m.   |
|                  | Total Parking area:   | 2,55,029.65 sq.m   |
|                  | Area per car:   | 32 Sq.m/car in basement, 30 Sq.m/car in podium   |
|                  | Area per car:   | 32 Sq.m/car in basement, 30 Sq.m/car in podium   |
| Parking details: | Number of 2-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 880@ 25% of Mandatory Car Parking Residential  |
|                  | Number of 4-<br>Wheelers as<br>approved by<br>competent<br>authority:                                   | 5803 nos   |
|                  | Public Transport:   | Not Applicable. However BEST Bus Stops, Central Railway Line (Kanjur Marg Station) are in the 2 Km area vicinity |
|                  | Width of all Internal roads (m):  | Min 9 m wide drive ways  |
|                  | CRZ/ RRZ clearance obtain, if any:  | NA   |
|                  | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | NA. Out of SGNP boundary and buffer area as per ESZ notification dated 5th Dec, 2016                             |
|                  | Category as per<br>schedule of EIA<br>Notification sheet  | 8 (b) B1   |
|                  | Court cases pending if any  | NA   |
|                  | Other Relevant<br>Informations  | -  |
|                  | Have you previously<br>submitted<br>Application online<br>on MOEF Website.                              | No   |
| ۵.               | Date of online submission   | -  |

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

## Brief information of the project by SEAC





Representative of PP was present during the meeting along with environmental consultant M/s. Enviro Analysts and Engineers Private Limited.

PP informed that, the project under consideration is proposed Residential, Retail, IT & Commercial project. PP further stated that, the total plot area of the project is 1,46,679.50 Sq.mt. having total construction area area 731753.37Sq.mt. (FSI - 3,61,023.79 Sq.mt. + NON FSI - 3,70,729.58 Sq.mt.) and the building configuration is as follow-

| Building Name & number                | Number of floors  | Height (Mtrs) |
|---------------------------------------|---|---------------|
| Residential Tower no.1-OC received    | 2 podiums/ part basement + Stilt + 18Upper Floors + Part 19th Floor | 77.65         |
| Residential Tower no.2 -OC received   | 3 podiums/ part basement + Stilt + 24 Upper Floors                  | 84.45         |
| Residential Tower no.3 -OC received   | 3 podiums/ part basement + Stilt + 24 Upper Floors                  | 84.45         |
| Residential Tower No.4 -OC received   | 3 podiums/ part basement + Stilt + 24 Upper Floors                  | 84.45         |
| Residential Tower no.5-OC received    | 3 podiums/ part basement + Stilt + 24 Upper Floors                  | 84.45         |
| Residential Tower no.6 -OC received   | 3 podiums/ part basement + Stilt + 24 Upper Floors                  | 84.15         |
| Residential Tower no.7 -OC received   | 3 podiums/ part basement + Stilt + 25 Upper Floors                  | 87.55         |
| Residential Tower no.8-OC received    | 3 podiums/ part basement + Stilt + 25 Upper Floors                  | 86.94         |
| Residential Tower no.9, 10            | 2B+G+3 podiums + Stilt + 26 Upper Floors                            | 95.40         |
| Residential Tower no. 11              | 2B+G+3 podiums+ Stilt + 26 Upper Floors                             | 95.40         |
| Residential Tower no. 12              | 2B+G+3 podiums + Stilt + 26 Upper Floors                            | 95.40         |
| Residential Tower no. 13              | 3B+G+2 podiums+ Stilt + 26 Upper Floors                             | 95.70         |
| Residential Tower no. 14              | 3B+G+2 podiums + Stilt + 26 Upper Floors                            | 95.70         |
| Residential Tower no. 15              | 2B+G+2 podiums+ Stilt + 26 Upper Floors                             | 95.70         |
| Residential Tower no. 16              | 1B+G+2 podiums + Stilt + 26 Upper Floors                            | 95.70         |
| rc-III                                | OC received   | 37.95         |
| TC IV                                 | OC received   | 53.98         |
| rc v                                  | 3B+G+22Upper Floors   | 92.30         |
| Health and Welfare center-OC received | Ground + 6 upper floors   | 28.20         |

Project has received Environmental clearance vide letter dated 17th September 2018 for the total Built Up area of 6,04,272.17 Sq.mts .Total 16 no's of residential building(T1-T16), one Health and Welfare Center and 2 IT buildings(TCIII, TC-IV). PP further stated that, out of the total 16 residential buildings, 8 residential buildings(T1-T8),2 IT buildings and One health and Welfare center have already received OC and construction is in progress for residential building no 9,10,15,16

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of

EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record. SEAC Meeting No: 95 Meeting Date: April 8, Mr. Surykant Nikam **Page 110** (Secretary SEAC-II) 2019

Idlan. (M.M. Adtani) Shri M.M.Adtani (Chairman of 111 SEAC-II)

#### DECISION OF SEAC

Committee approved the ToR with following observations & additions, which is valid upto 8/4/2022. EIA will be apprised as & when submitted. Meanwhile PP should comply following points.

#### **Specific Conditions by SEAC:**

- 1) PP to submit Post Monitoring Report from Ro, Nagpur, MoEF
- 2) PP to submit the earlier approved layout plan to verify what was proposed earlier on place of proposed building T5.
- 3) PP to submit the copy of concession.
- **4)** PP to submit the revised dated Architect certificate addressed to committee regarding building-wise construction (Configuration, FSI, Non-FSI, TBUA) done on site as per earlier EC.
- 5) It is noted that, the population proposed is 4 times more than current average/ha population of Mumbai. PP to submit the socioeconomic study & justify how education, health & other daily needs of increased population is going to meet.
- 6) PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority.
- 7) PP to submit the traffic analysis based on ground scenario.

- 8) PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.
- 9) PP to ensure that, the fire tender movement should be from all around the building.
- **10)** PP to provide STPs on ground.
- 11) PP to ensure that there will be maximum reuse of treated waste water.
- 12) PP to ensure that RG required is as per the norms and should be on Mother Earth.
- 13) 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 got approved from collector/ local body or Environment Department.
- 14) PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above.

#### FINAL RECOMMENDATION

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



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Shri M.M.Adtani (Chairman SEAC-II)

(M.M. Adtani)