

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:December 13, 2019

To,

Mr. Harishchandra Pol - M/s Kul Novel Housing Pvt. Ltd. & Kumar Urban Development Pvt. Ltd. at S. No. 13/B,1+2+2 & 14 (P) at Wadgaon Sheri, Kalyaninagar, Pune

Environment Clearance for Application for Environment Clearance for proposed Residential & Commercial project "Kumar Kruti, Sophronia, Kairos & Fun N Fair" by M/s Kul Novel Housing Pvt. Ltd. & Kumar Urban Development Pvt. Ltd. at S. No. 13/B,1+2+2 & 14 (P) at Wadgaon Sheri, Kalyaninagar, Pune

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 85th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 171st meetings.

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

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

| 1.Name of Project   | Kumar Kruti, Sophronia, Kairos & Fun N Fair   |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
| 2.Type of institution   | Private   |  |  |  |  |  |  |
| 3.Name of Project Proponent   | Mr. Harishchandra Pol - M/s Kul Novel Housing Pvt. Ltd. & Kumar Urban Development Pvt. Ltd. |  |  |  |  |  |  |
| 4.Name of Consultant  | Mahabal Enviro Engineers Private Limited, Thane, Maharashtra                                |  |  |  |  |  |  |
| 5.Type of project   | Housing Project   |  |  |  |  |  |  |
| 6.New project/expansion in existing<br>project/modernization/diversification<br>in existing project             | New project   |  |  |  |  |  |  |
| 7.If expansion/diversification,<br>whether environmental clearance<br>has been obtained for existing<br>project | Not applicable  |  |  |  |  |  |  |
| 8.Location of the project   | S. No. 13/B,1+2+2 & 14 (P) at Wadgaon Sheri, Kalyaninagar, Pune                             |  |  |  |  |  |  |
| 9.Taluka  | Haveli  |  |  |  |  |  |  |
| 10.Village  | Wadgaon Sheri   |  |  |  |  |  |  |
| Correspondence Name:  | Mr. Harishchandra Pol - M/s Kul Novel Housing Pvt. Ltd. & Kumar Urban Development Pvt. Ltd. |  |  |  |  |  |  |
| Room Number:  | Flat No.23  |  |  |  |  |  |  |
| Floor:  | -   |  |  |  |  |  |  |
| Building Name:  | D Kumar Park, Survey no. 571-572,   |  |  |  |  |  |  |
| Road/Street Name:   | Kondhwa road  |  |  |  |  |  |  |
| Locality:   | Kondhwa, Pune-411037  |  |  |  |  |  |  |
| City:   | Pune  |  |  |  |  |  |  |
| 11.Whether in Corporation /<br>Municipal / other area   | Pune Municipal Corporation  |  |  |  |  |  |  |
|   | Pune Municipal Corporation  |  |  |  |  |  |  |
| 12.IOD/IOA/Concession/Plan<br>Approval Number   | IOD/IOA/Concession/Plan Approval Number: CC/481/15 dated 18.05.2015 (revalidated)           |  |  |  |  |  |  |
|   | Approved Built-up Area: 98657   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |

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| 13.Note on the initiated work (If applicable)                                      | Constrution of Sophronia, Kumar kruti and Existing structure of club house+swimming pool +<br>padminton hall + gym of total built up area- 1,00,479 m2 |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| 14.LOI / NOC / IOD from MHADA/<br>Other approvals (If applicable)                  | NA   |  |  |  |  |  |  |
| 15.Total Plot Area (sq. m.)  | 68,263 m2  |  |  |  |  |  |  |
| 16.Deductions  | 5,072 m2   |  |  |  |  |  |  |
| 17.Net Plot area   | 63,191 m2  |  |  |  |  |  |  |
|  | <b>FSI area (sq. m.):</b> 1,32,788 m2  |  |  |  |  |  |  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)                                      | Non FSI area (sq. m.): 1,27,077 m2   |  |  |  |  |  |  |
|  | Total BUA area (sq. m.): 259865  |  |  |  |  |  |  |
|  | Approved FSI area (sq. m.): 98657  |  |  |  |  |  |  |
| 18 (b).Approved Built up area as per DCR   | Approved Non FSI area (sq. m.): 47873  |  |  |  |  |  |  |
| Don  | Date of Approval:  |  |  |  |  |  |  |
| 19.Total ground coverage (m2)  | 18,736 m2  |  |  |  |  |  |  |
| 20.Ground-coverage Percentage (%)<br>(Note: Percentage of plot not open<br>to sky) | 29% त्ववर्धिक  |  |  |  |  |  |  |
| 21.Estimated cost of the project   | 450000000  |  |  |  |  |  |  |



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|                              |         |   | 22.P                                   | Product       | ion Details           |                |  |  |  |
|------------------------------|---------|---|--|---------------|-----------------------|----------------|--|--|--|
| Serial<br>Number             | Pro     | duct                                    | Existing                               | (MT/M)        | Proposed (MT/M)       | Total (MT/M)   |  |  |  |
| 1                            | Not apj | plicable                                | Not ap                                 | plicable      | Not applicable        | Not applicable |  |  |  |
|                              |         | 2                                       | 3.Tota                                 | l Wate        | r <b>Requireme</b> i  | nt             |  |  |  |
|                              |         | Source of                               | water                                  | Pune Munic    | ipal Corporation      |                |  |  |  |
|                              |         | Fresh wate                              | er (CMD):                              | 485 m3/day    |                       |                |  |  |  |
|                              |         |   | v <mark>ater -</mark><br>C <b>MD):</b> | 239 m3/day    |                       |                |  |  |  |
|                              |         | Recycled w<br>Gardening                 |  | 64 m3/day     | ME                    |                |  |  |  |
|                              |         | Swimming<br>make up ((                  |  | 19 m3/day     | fefr                  |                |  |  |  |
| Dry season                   | 1:      | Total Wate<br>Requireme<br>:            |  | 724 m3/day    | 378-20                | 2              |  |  |  |
|                              |         | Fire fightin<br>Undergrou<br>tank(CMD)  | nd water                               | 300 m3 /day   |                       |                |  |  |  |
|                              |         | Fire fightin<br>Overhead v<br>tank(CMD) | water                                  | 45 m3         |                       |                |  |  |  |
|                              |         | Excess trea                             | ated water                             | 223 m3/day    | L T                   |                |  |  |  |
|                              |         | Source of                               | water                                  | Pune Munic    | ipal Corporation      | R              |  |  |  |
|                              |         | Fresh wate                              |  | 485 m3/day    |                       |                |  |  |  |
|                              |         | Recycled w<br>Flushing (                |  | 239 m3/day    |                       |                |  |  |  |
|                              |         | Recycled w<br>Gardening                 |  | 0 m3/day      |                       |                |  |  |  |
|                              |         | Swimming<br>make up ((                  |  | 19 m3/day     | Mem                   |                |  |  |  |
| Wet seasor                   | n:      | Total Wate<br>Requireme                 |  | 724 m3/day    |                       |                |  |  |  |
|                              |         | Fire fightin<br>Undergrou<br>tank(CMD)  | nd water                               | 300 m3 /day   | IIGII                 |                |  |  |  |
|                              |         | Fire fightin<br>Overhead v<br>tank(CMD) | water                                  | 45 m3         | asht                  | ra             |  |  |  |
|                              |         | Excess trea                             | ated water                             | 287 m3/day    |                       |                |  |  |  |
| Details of 9<br>pool (If any |         | 3 no. of swi                            | mming pools                            | s for Fun N F | air, Sophronia, Kumar | Kruti          |  |  |  |

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|  |                   | 2                                       | 4.Detail          | s of Tota         | l water c         | onsume            | d                 |                   |                   |  |  |  |
|--|-------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|--|--|
| Particula<br>rs  | Cons              | sumption (C                             | MD)               |                   | Loss (CMD)        |                   | Effluent (CMD)    |                   |                   |  |  |  |
| Water<br>Require<br>ment   | Existing          | Proposed                                | Total             | Existing          | Proposed          | Total             | Existing Proposed |                   | Total             |  |  |  |
| Domestic   | Not<br>applicable | Not<br>applicable                       | Not<br>applicable | Not<br>applicable | Not<br>applicable | Not<br>applicable | Not<br>applicable | Not<br>applicable | Not<br>applicable |  |  |  |
|  |                   | Level of th<br>water table              |                   | 15 m -18 m        |                   |                   |                   |                   |                   |  |  |  |
|  |                   | Size and no<br>tank(s) and<br>Quantity: |                   | NA                | 10J               | $\mathcal{T}$     |                   |                   |                   |  |  |  |
|  |                   | Location o<br>tank(s):                  | f the RWH         | NAdaa             | 18ton             |                   | 7                 |                   |                   |  |  |  |
|  |                   | Quantity o<br>pits:                     | f recharge        | 33 nos. of r      | echarge pits      | & 1 no. of w      | rell              |                   |                   |  |  |  |
|  |                   | Size of rec                             | harge pits        | 2.25 m x 2.       | 25 m x 2.25 1     | n depth           | ß                 |                   |                   |  |  |  |
|  |                   | Budgetary<br>(Capital co                |                   | Rs. 20 lakh       |                   |                   |                   |                   |                   |  |  |  |
| 25.Rain V  | Water             | Budgetary<br>(O & M cos                 |                   | Rs. 1 lakh/year   |                   |                   |                   |                   |                   |  |  |  |
| 25.Rain Water<br>Harvesting<br>(RWH)(O & M cost) :Its. Finally out1. UGT Sophronia (Existing)-<br>Drinking UGT capacity - 35 m3<br>Domestic UGT Capacity - 89 m3<br>Flushing UGT capacity - 41 m3<br>Fire UGT capacity - 75 m3<br>2. UGT Kumar Kruti (Existing)<br>Drinking UGT capacity - 75 m3<br>Domestic UGT Capacity - 199 m3<br>Flushing UGT capacity - 190 m3<br>Flushing UGT capacity - 140 m3<br>Fire UGT capacity - 75 m3<br>3. UGT Kairos (Proposed)<br>Drinking UGT capacity - 113 m3<br>Flushing UGT capacity - 100 m3<br>4. UGT Fun N Fair (Proposed)<br>Domestic UGT Capacity - 111 m3<br>Flushing UGT capacity - 139 m3<br>Fire UGT capacity - 50 m3 |                   |   |                   |                   |                   | F                 |                   |                   |                   |  |  |  |
|  |                   | Natural wa                              |                   | As per cont       | our               |                   |                   |                   |                   |  |  |  |
| 26.Storm<br>drainage   | water             | drainage p<br>Quantity o<br>water:      |                   | 1.31 m3/sec       |                   |                   |                   |                   |                   |  |  |  |
|  |                   | Size of SW                              | D:                | 450 x 300 mm      |                   |                   |                   |                   |                   |  |  |  |

|               | Sewage generation in KLD:               | 678 m3/day  |
|---------------|---|---|
|               | STP technology:                         | MMBR  |
| 27.Sewage and | Capacity of STP<br>(CMD):               | 1 x 175 m3/day, 1 x 175 m3/day & 1 x 270 m3/day   |
| Waste water   | Location & area of the STP:             | Kumar Kruti - STP area -176 m2, Kairos STP area- 144 m2 & Fun N Fair<br>STP area- 98 m2 |
|               | Budgetary allocation<br>(Capital cost): | Rs. 170 Lakh  |
|               | Budgetary allocation<br>(O & M cost):   | Rs.15 Lakh  |



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|  | 28.Solid waste Management                             |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|
| Waste generation in                                | Waste generation:                                     | 50,000 m3  |  |  |  |  |  |
| the Pre Construction<br>and Construction<br>phase: | Disposal of the<br>construction waste<br>debris:      | Used for backfilling & levelling.  |  |  |  |  |  |
|  | Dry waste:  | 1386 kg/day  |  |  |  |  |  |
|  | Wet waste:  | 1601 kg/day  |  |  |  |  |  |
| Waste generation                                   | Hazardous waste:                                      | NA   |  |  |  |  |  |
| in the operation<br>Phase:                         | Biomedical waste (If applicable):                     | NA   |  |  |  |  |  |
|  | STP Sludge (Dry sludge):                              | 40 kg/day  |  |  |  |  |  |
|  | Others if any:  | E waste – 16 kg/day  |  |  |  |  |  |
|  | Dry waste:  | Handed over to authorized recycler for further handling and purpose          |  |  |  |  |  |
|  | Wet waste:  | Through Organic Waste Convertor. Generated manure will be used for gardening |  |  |  |  |  |
| Mode of Disposal                                   | Hazardous waste:                                      | NA   |  |  |  |  |  |
| of waste:  | Biomedical waste (If applicable):                     | NA   |  |  |  |  |  |
|  | STP Sludge (Dry<br>sludge):                           | Will be used as manure for gardening purpose                                 |  |  |  |  |  |
|  | Others if any:  | Handed over to authorized recycler for further handling and purpose          |  |  |  |  |  |
|  | Location(s):  | NA 5 S   |  |  |  |  |  |
| Area<br>requirement:                               | Area for the storage<br>of waste & other<br>material: | 45 m2  |  |  |  |  |  |
|  | Area for machinery:                                   | 150 m2   |  |  |  |  |  |
| Budgetary allocation                               | Capital cost:   | Rs. 54 Lakh  |  |  |  |  |  |
| (Capital cost and<br>O&M cost):                    | 0 & M cost:   | Rs. 12 Lakh  |  |  |  |  |  |

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| 29.Effluent Charecterestics |                         |                   |                                     |                                   |  |  |  |  |  |
|-----------------------------|-------------------------|-------------------|-------------------------------------|-----------------------------------|--|--|--|--|--|
| Serial<br>Number            | Parameters              | Unit              | Effluent discharge standards (MPCB) |                                   |  |  |  |  |  |
| 1                           | Not applicable          | Not<br>applicable | Not applicable                      | applicable Not applicable Not app |  |  |  |  |  |
| Amount of e (CMD):          | effluent generation     | Not applicable    |                                     |                                   |  |  |  |  |  |
| Capacity of                 | the ETP:                | Not applicable    |                                     |                                   |  |  |  |  |  |
| Amount of t recycled :      | reated effluent         | Not applicable    |                                     |                                   |  |  |  |  |  |
| Amount of v                 | water send to the CETP: | Not applica       | ble                                 |                                   |  |  |  |  |  |
| Membershi                   | p of CETP (if require): | Not applicable    |                                     |                                   |  |  |  |  |  |
| Note on ET                  | P technology to be used | Not applica       | ble                                 | 7/-                               |  |  |  |  |  |
| Disposal of                 | the ETP sludge          | Not applica       | ble                                 | Vzu                               |  |  |  |  |  |



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|  |            |   | <b>30.H</b> a     | zardous  | Was                | te D           | etails                                |                    |       |                           |  |
|--|------------|---|-------------------|--|--------------------|----------------|---------------------------------------|--------------------|-------|---------------------------|--|
| Serial<br>Number   | Desci      | ription   | Cat               | Cat UOM Existing Proposed Total                      |                    | tal            | Method of Disposa                     |                    |       |                           |  |
| 1  | Not ap     | plicable  | Not<br>applicable | Not<br>applicable                                    | No<br>applio       |                | Not<br>applicable                     | N<br>appli         |       | Not applicable            |  |
|  |            |   | 31.St             | tacks em   | issio              | n De           | etails                                |                    |       |                           |  |
| Serial<br>Number   | Section    | a & units   |                   | ed with<br>ntity                                     | Stack              | No.            | Height<br>from<br>ground<br>level (m) | Inte<br>diam<br>(n | neter | Temp. of Exhaust<br>Gases |  |
| 1  | Not ap     | plicable  | Not apj           | plicable   | N<br>appli         |                | Not<br>applicable                     | N<br>appli         |       | Not applicable            |  |
|  |            |   | 32.De             | tails of <b>H</b>                                    | <sup>r</sup> uel † | to be          | e used                                |                    |       |                           |  |
| Serial<br>Number   | Ty         | pe of Fuel  | 5                 | Existing   | fêf                | 5077           | Proposed                              | 5                  |       | Total                     |  |
| 1  | Not        | applicable  |                   | Not applicabl  | е                  | Ň              | lot applicabl                         | le                 |       | Not applicable            |  |
| 33.Source o  | f Fuel     | B   | Not a             | pplicable  | 2                  |                | 19:                                   | 24                 |       |                           |  |
| 34.Mode of   | Transporta | tion of fuel to   | site Not a        | pplicable  |                    |                | 2                                     | C                  | 2     |                           |  |
|  |            | K   | K A               | . 0 \$   | 20                 |                |                                       | E                  | 5     |                           |  |
|  |            | $\leq 1$  | ų                 | 35.EI  | nerc               | N N            |                                       | F                  | 7     |                           |  |
|  |            | Source of supply :                                      | power             | MSEDCL   | 7                  |                | <u>ل</u> ه<br>ل                       | H                  | F     |                           |  |
|  |            | During Construction<br>Phase: (Demand<br>Load)          |                   | 100 kW   |                    |                |                                       |                    |       |                           |  |
|  |            | DG set as Power<br>back-up during<br>construction phase |                   | 1 x 160 kVA  |                    |                |                                       |                    |       |                           |  |
| D  |            | During Operation<br>phase (Connected<br>load):          |                   | 12 MW  |                    |                |                                       |                    |       |                           |  |
| Pov<br>require   | -          | During Op<br>phase (De<br>load):                        |                   | 6.9 MW   |                    |                |                                       |                    |       |                           |  |
|  |            | Transform   | ier:              | 15 No. x 63  | 0 kVA              |                |                                       |                    |       |                           |  |
|  |            | DG set as Power<br>back-up during<br>operation phase:   |                   | 1 No. 400 kVA, 1 x750 kVA, 2 x 125 kVA, 2 x 82.5 kVA |                    |                |                                       |                    |       |                           |  |
|  |            | Fuel used:  |                   | Diesel   |                    |                |                                       |                    |       |                           |  |
| Details of high<br>tension line passing<br>through the plot if<br>any: |            |   |                   |  |                    |                |                                       |                    |       |                           |  |
|  |            | Ener  | gy saving         | J by non∙  | conv               | enti           | ional me                              | thod               | l:    |                           |  |
| Solar systen   | ns & LED w |   |                   | -  |                    |                |                                       |                    |       |                           |  |
| -  |            |   | 6.Detail          | calculati  | ons                | <b>&amp;</b> % | of savin                              | α:                 |       |                           |  |
| Serial<br>Number   | F          | Energy Cons   |                   |  |                    |                | J_ GWTII                              | -                  | aving | %                         |  |
| 1  |            | By  | using LED         |  |                    |                |                                       |                    | 1%    |                           |  |
|  |            | 5   | 2                 |  |                    |                |                                       |                    |       |                           |  |

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| 2                  | By using Solar system   |                                      |                                     |  |                |   | 11%                       |                         |  |                            |      |  |
|--------------------|---|--------------------------------------|-------------------------------------|--|----------------|---|---------------------------|-------------------------|--|----------------------------|------|--|
|                    |   | 31                                   | 7.Details                           | of pol   | lutio          | n c   | ontrol S                  | ystei                   | ns   |                            |      |  |
| Source             | Ex  | isting poll                          | ution contro                        | ol systen  | n              |   | Proposed to be installed  |                         |  |                            |      |  |
| Not<br>applicable  |   | No                                   | t applicable                        |  |                |   |                           |                         | Not apj  | plicable                   |      |  |
|                    | udgetary allocation Capital cost:<br>(Capital cost and                    |                                      |                                     |  | Crore          |   |                           |                         |  |                            |      |  |
|                    | cost):  | st:                                  | Rs. 17                              | Lakh   |                |   |                           |                         |  |                            |      |  |
| 38                 | B.Enviro  | onmen                                | tal Mar                             | nage   | men            | nt p  | olan Bu                   | ıdge                    | etary  | Alloca                     | tion |  |
|                    |   | a)                                   | Construe                            | c <b>tion</b> J  | phase          | e (v  | vith Bre                  | ak-u                    | p):  |                            |      |  |
| Serial<br>Number   | Attri   | butes                                | Para                                | meter  | )))()          | L   | Total                     | Cost p                  | er annu  | m (Rs. In I                | acs) |  |
| 1                  |   | for Dust<br>ession                   | pH, Colo<br>turbidity,<br>COD, Oil  | TDS, BO  | D,             | र्धाः   | 512                       | E C                     | Z <sup>Rs. 1</sup>                                   |                            |      |  |
| 2                  |   | itation&<br>Cety                     | Safety N<br>Bar                     | et, Noise<br>rier  |                | 2   | 4                         | No.                     | Rs. 2  |                            |      |  |
| 3                  | Enviror<br>Monit  | Mor                                  | nthly                               | B  | 0              |   | E.A.                      | Rs. 2                   |  |                            |      |  |
| 4                  |   | ection                               |                                     | nthly  |                |   | 0_2                       |                         | Rs. 2  |                            |      |  |
| 5                  | Health (  | Check up                             | Safety pa                           |  |                |   | $\mathcal{O}'$            |                         | Rs. 1  | >                          |      |  |
|                    | I   | ja i                                 | o) Operat                           | ion Pł   | ıase           | (wi   | th Brea                   | k-up)                   |  |                            |      |  |
| Serial<br>Number   | Comp  | onent                                | Descr                               | iption   | ion Caj        |   | pital cost Rs. In<br>Lacs |                         | Operational and Maintenance<br>cost (Rs. in Lacs/yr) |                            |      |  |
| 1                  | -   | reatment                             | total Cap                           | f STP having<br>Capacity 95<br>n3/day                    |                | HS  | 170                       |                         | 15   |                            |      |  |
| 2                  |   | Waste<br>Jement                      | biodeg                              | Cost for Treatment of<br>biodegradable<br>garbage in OWC |                | 54  |                           |                         | 12   |                            |      |  |
| 3                  | Land  | scape                                | Tree Pla                            | Tree Plantation  |                |   | 52                        |                         |  | 3                          |      |  |
| 4                  |   | nmental<br>toring                    | Monitor<br>analysis o<br>Noise, wat |  | and laboratory |   |                           | ed                      | t of 5   |                            |      |  |
| 5                  | Energy Co   | nservation                           | Solar stre                          | et lightir   | ng             |   | 133 Cr.                   |                         |  | 17                         |      |  |
| 6                  | Rain water  | Harvesting                           | 33 no. of re<br>and 1               | echarge j<br>qwell                                       | pits           |   | 20                        | ц.,                     |  | 1                          |      |  |
| 7                  | Sewer line  | f storm &<br>up to final<br>al point | to final Sewer line up to final     |  |                |   | 5                         | L                       | d  | 1                          |      |  |
| 39.S               | 39.Storage of chemicals (inflamable/explosive/hazardous/toxic substances) |                                      |                                     |  |                |   |                           |                         |  |                            |      |  |
| Description Status |   | Location                             | Storage                             |  | city           | Maximum<br>Quantity<br>of<br>Storage<br>at any<br>point of<br>time in<br>MT | / Mo                      | Imption<br>nth in<br>MT | Source of<br>Supply                                  | Means of<br>transportation |      |  |

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|---|--------------|---|
|---|--------------|---|

| Not applicable           | Not<br>applicable | Not applicable | Not<br>applicable | Not<br>applicable | Not applicable | Not<br>applicable | Not applicable |
|--------------------------|-------------------|----------------|-------------------|-------------------|----------------|-------------------|----------------|
| 40.Any Other Information |                   |                |                   |                   |                |                   |                |
| No Information Available |                   |                |                   |                   |                |                   |                |



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| CRZ/ RRZ clearance<br>obtain, if any:  | NA  |
|--|---|
| Distance from<br>Protected Areas /<br>Critically Polluted<br>areas / Eco-sensitive<br>areas/ inter-State<br>boundaries | NA  |
| Category as per<br>schedule of EIA<br>Notification sheet   | 8(b)  |
| Court cases pending<br>if any  | a. Name of the court - Chief judicial magistrate, Pune b. Case<br>No0401330/2015 c. Orders/ Directions of the court if any and its<br>relevance with the proposed project   |
| Other Relevant<br>Informations   | We have submitted proposal under violation cases as per MoEF<br>notification dated 14.03.2017 .<br>1. Submission through EC window having proposal no.<br>IA/MH/NCP/67785/2017 dated 31.08.2017<br>2. Submission of project to MoEF under violation cases through ToR<br>window having proposal no. IA/MH/NCP/71598/2017 dated 14.12.2017 |
| Have you previously<br>submitted<br>Application online<br>on MOEF Website.   | Yes   |
| Date of online<br>submission   | 14-12-2017  |

3. The proposal has been considered by SEIAA in its 171st meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

### **Specific Conditions:**

| Specific conditions. |  |
|----------------------|--|
| I                    | The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 5.06 Cr/ The Committee also noted that the amount of CER as per MoEF & CC circular dated $1/05/2018$ is Rs. 2.25 Cr/- which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 5.06 Cr for the project completion period. |
| II                   | PP to submit CFO NOC.  |
| III                  | PP to submit a bank guarantee of Rs. 5.58 Cr to Maharashtra Pollution Control Board towards effective implementation of the remediation plan and Natural and Community Resource Plan.  |
| IV                   | PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.  |
| V                    | This EC is granted for FSI: 132788 m2, Non-FSI: 127077 m2 and Total BUA: 259865 m2   |

**General Conditions:** 

-

| I  | E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.  |
|----|---|
| п  | The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.  |
| ш  | This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.   |
| IV | PP has to abide by the conditions stipulated by SEAC& SEIAA.  |
| v  | The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area. |

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

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| XXXI    | Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.  |
|---------|--|
| XXXII   | Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.  |
| XXXIII  | Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy. |
| XXXIV   | Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.  |
| XXXV    | Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.  |
| XXXVI   | Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.   |
| XXXVII  | Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.  |
| XXXVIII | The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.  |
| XXXIX   | Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.  |
| XL      | Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.   |
| XLI     | Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.  |
| XLII    | Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.  |
| XLIII   | Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.  |
| XLIV    | Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.   |
| XLV     | A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.   |
| XLVI    | In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.  |
| XLVII   | A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.   |
| XLVIII  | Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.  |
| XLIX    | The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in.  |
| L       | Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.   |

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| LI   | A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.   |
|------|--|
| LII  | The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. |
| LIII | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.  |
| LIV  | The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.  |
| LV   | This EC is issued subject to the condition that the implementation of EMP, remediation plan and Natural and Community Resource Plan will be completed during the period for which the Bank Guarantee is given, otherwise the BG should be suitably extended up to implementation of EMP.   |



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of Shri. Anil Diggikar (Member Secretary 15 SEIAA) 4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune),New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Shri. Anil Diggikar (Member Secretary SEIAA)

### Copy to:

- 1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
- 2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC
- 3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
- 4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
- **5.** SECRETARY MOEF & CC
- 6. IA- DIVISION MOEF & CC
- 7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
- 8. REGIONAL OFFICE MOEF & CC NAGPUR
- 9. MUNICIPAL COMMISSIONER PUNE
- 10. MUNICIPAL COMMISSIONER SATARA
- **11.** REGIONAL OFFICE MPCB PUNE
- **12.** REGIONAL OFFICE MIDC PUNE
- 13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
- **14.** COLLECTOR OFFICE PUNE
- **15.** COLLECTOR OFFICE SATARA
- **16.** COLLECTOR OFFICE SOLAPUR

