

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

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

FBKA Developers LLP

at Plot bearing survey no. 145, H.No.1, Sector 11

Environment Clearance for Proposed building construction project - Residential cum Commercial Project Sir.

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 127 (Day-2)th 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 190th meetings.

 $^{\circ}$ 2. It is noted that the proposal is considered by SEAC-II under screening category 8 B2 category as per EIA Notification 2006.

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

| 1.Name of Project FBKA Jewels 2.Type of institution Private 3.Name of Project Proponent FBKA Developers LLP 4.Name of Consultant Sneha Hi Tech Products | | | | | | |
|---|--|--|--|--|--|--|
| 3.Name of Project Proponent FBKA Developers LLP | 5 5 | | | | | |
| | | | | | | |
| 4.Name of Consultant Sneha Hi Tech Products | FBKA Developers LLP | | | | | |
| | Sneha Hi Tech Products, Bangalore | | | | | |
| 5.Type of project Residential cum Comme | rcial Project | | | | | |
| 6.New project/expansion in existing project/modernization/diversification New Project in existing project | य मृद्रा और | | | | | |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | HOFE | | | | | |
| 8.Location of the project Plot bearing survey no. 1 | 45,H.No.1,Sector 11 | | | | | |
| 9.Taluka Thane | | | | | | |
| 10.Village Shil | mont of | | | | | |
| Correspondence Name: Mr.Zoeb Abbas Sahiwala | | | | | | |
| Room Number: | | | | | | |
| Floor: Ground floor | | | | | | |
| Building Name: Mazgaon Reclmn Estate | | | | | | |
| Road/Street Name: 1st cross street | kachtka | | | | | |
| Locality: Darukhana | | | | | | |
| City: Mumbai | | | | | | |
| 11.Whether in Corporation / Municipal / other area Thane Municipal Corpor | ation | | | | | |
| House - G+1, Received (process., Application for | Building no.01 – upto 4 floors ,For Building no.02 – upto 10 floors, Club CFO for entire building, Application for LOA is submitted & scrutiny is in HRC is submitted & it's in process. | | | | | |
| P. No. S11/0175/18/TMC | lan Approval Number: 1) V. P. No. S11/0175/18 2) Permission video V. ATDD/2855/18 dated 24.10.2018 3)TMC/CFO/M/HRC/45/45 dated P. No. S11/0175/18TMC/TDD/3053/19 dated 18.04.2019 | | | | | |
| Approved Built-up Are | a: 16858.80 | | | | | |
| 13.Note on the initiated work (If applicable) | | | | | | |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | | | | | | |
| 15.Total Plot Area (sq. m.) 7020 sq.mt. | | | | | | |

SEIAA Meeting No: 190 Meeting Date: March 5, 2020 (SEIAA-STATEMENT-0000003545) **SEIAA-MINUTES-0000003098** SEIAA-EC-0000002206

Shri. Anil Diggikar (Member Secretary SEIAA)

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| 16.Deductions | 2186.05 sq.mt. |
|--|---|
| 17.Net Plot area | 4833.95 sq.mt. |
| | FSI area (sq. m.): 15460.24 |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI) | Non FSI area (sq. m.): 17759.09 |
| | Total BUA area (sq. m.): 33219.33 |
| 40.40 | Approved FSI area (sq. m.): 6079.27 |
| 18 (b).Approved Built up area as per DCR | Approved Non FSI area (sq. m.): 10779.53 |
| | Date of Approval: 24-10-2018 |
| 19.Total ground coverage (m2) | 3582.53 |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | 51.03% of total plot area and 74.11% of total net plot area |
| 21.Estimated cost of the project | 84000000 |



Government of Maharashtra

| | | | 22.P | roduct | ion Details | | | |
|--------------------------------|-----------------------------|---|------------------|----------------|--|----------------|--|--|
| Serial Number | Produ | uct | Existing | (MT/M) | Proposed (MT/M) | Total (MT/M) | | |
| 1 | Not appl | Not applicable Not app | | plicable | Not applicable | Not applicable | | |
| | | 2 | 3.Tota | l Wate | r Requiremen | t | | |
| | 9 | Source of v | water | TMC | - | | | |
| | 1 | Fresh wate | er (CMD): | 162.58 m3/ | day | | | |
| |] | Recycled w Flushing (| rater - CMD): | 91.175 m3/ | day | | | |
| | | Recycled w Gardening | | 6 m3/day | | | | |
| | 1 | Swimming make up ((| pool Cum): | NA | M | | | |
| Dry season: | | Total Wate Requireme : | | 259.755 m3 | 3/day | | | |
| | 1 | Fire fightii Undergrou tank(CMD) | nd water | 400 CUM | II O TO T | 7 | | |
| | 10 | Fire fightii Overhead v tank(CMD) | water | 30 CUM | | | | |
| |] | Excess trea | ated water | 152.825 m3/day | | | | |
| | 9 | Source of v | water | TMC | 1740 | | | |
| | 1 | Fresh wate | er (CMD): | 162.58 m3/ | day | | | |
| |] | Recycled w Flushing (| rater - CMD): | 91.175 m3/ | 175 m3/day | | | |
| |] | Recycled w Gardening | ater - (CMD): | 0 m3/day | | | | |
| | 1 | Swimming make up ((| pool Cum): | NA | | | | |
| Wet season: | | Total Wate Requireme : | | 253.755 m3/day | | | | |
| | 1 | Fire fightii Undergrou tank(CMD) | nd water | 400 CUM | | | | |
| | | Fire fightii Overhead v tank(CMD) | water | 30 CUM | | | | |
| | Excess treated water | | | | B/day | NT. | | |
| Details of Sy pool (If any) | wimming | NA | V | | | U | | |

Maharashtra

| Particula Consumption (CMD) Consumption | 24.Details of Total water consumed | | | | | | | | | | |
|--|------------------------------------|----------|--|---------------------|--|---------------|------------------------------|-----------------------------|-----------------------------|--------------------------|--|
| Require ment Proposed Total Existing Proposed Total Existing Proposed Total Total Existing Proposed Total Domestic Not applicable | | Cons | sumption (C | EMD) |] | Loss (CMD) | | | Effluent (CMD) | | |
| Applicable app | Require | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total | |
| Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Double of recharge pits: Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (O. & M. cost): Details of UGT tanks if any: Budgetary allocation (Capital cost): Size of SWD; Starting from 450mm to 600mm wide & depth upto 600mm Seeson - at ground surface (0.0m) For winter season - Range from 1.3m To 1.6m below ground NA - Using recharge pits for RWH NA - Using recharge pits for RWH NA - Using recharge pits for RWH NA - Using recharge pits or RWH NA - Using recharge pits for RWH NA - Using recharge pits for RWH NA - Using recharge pits or RWH NA - Using recharge | Domestic | | | | | | | | | Not applicable | |
| Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Double of recharge pits: Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (O. & M. cost): Details of UGT tanks if any: Budgetary allocation (Capital cost): Size of SWD; Starting from 450mm to 600mm wide & depth upto 600mm Seeson - at ground surface (0.0m) For winter season - Range from 1.3m To 1.6m below ground NA - Using recharge pits for RWH NA - Using recharge pits for RWH NA - Using recharge pits for RWH NA - Using recharge pits or RWH NA - Using recharge pits for RWH NA - Using recharge pits for RWH NA - Using recharge pits or RWH NA - Using recharge | | | | | | | | | | | |
| tank(s) and Quantity: Location of the RWH tank(s): 25.Rain Water Harvesting (RWH) 26.Rain Water Harvesting (RWH) 27.Sewage and Waste water 28. Sewage generation in KLD: 28. Sewage generation in KLD: 29. Sewage generation in KLD: 20. Storm water (Capacity of STP (CMD): 20. Sewage generation in KLD: 21. Sewage and Waste water 27. Sewage and Capacity of STP (CMD): 27. Sewage and Capacity of STP (CMD): 28. Separation of the RWH NA NA 28. Nos 29. Sewage generation in KLD: 21. Sewage generation in KLD: 21. Sewage generation in KLD: 221. 24 KLD 221. Sewage and Capacity of STP (CMD): 221. 24 KLD 23. Sewage generation in KLD: 38. Sewage generation in KLD: 39. | | | | | season - at | ground surfa | ange from 1. ace (0.0m) F | 5m To 2.0m or winter sea | below groun ason - Range | d For rainy from 1.3m | |
| 25. Rain Water Harvesting (RWH) 25. Rain Water Harvesting (RWH) 26. Storm water drainage 27. Sewage and Waste Water 27. Sewage and Waste Water 28. Rain Water Harvesting (RWH) 29. Sewage and Waste Water 29. Sewage and Waste Water 20. Storm Water Harvesting (RWH) 20. Sewage generation in KLD: 20. Storm water drainage 21. Sewage and Waste Water 22. Sewage and Waste Water 23. Nos 3 Nos 3 m diameter & 6m depth Rs 8,00,000 Rs 4,00,000 Annually Fire Tank -400 CUM Domestic & Drinking Water Tank-106.5 CUM Flushing water tank-63 CUM The slope of water is towards the 60.0m main road.(towards South-west direction) 452 cum per day generated & 90cum recharged in RWH Starting from 450mm to 600mm wide & depth upto 600mm 221.24 KLD STP technology: Capacity of STP (CMD): 1 No, 250 KLD Location & area of the STP: Budgetary allocation Rs 55,00,000 Rs 55,00,000 Budgetary allocation Pa 6 00,000 Annually Rs 55,00,000 | | | tank(s) an | | NA - Using | recharge pit | s for RWH | | | | |
| Pits: Size of recharge pits 3m diameter & 6m depth | | | Location o tank(s): | f the RWH | NA | | 707 | | | | |
| Size of recharge pits: Size of recharge pits: 3m diameter & 6m depth | | | Quantity o pits: | f recharge | 3 Nos | विह्य | | 7 | | | |
| Capital cost): Rs 4,00,000 Annually | (RWH) | 3 | Size of rec | harge pits | 3m diamete | r & 6m dept | th d | 3 | | | |
| 26.Storm water drainage attern: The slope of water is towards the 60.0m main road.(towards South-west direction) Quantity of storm water: Size of SWD: Starting from 450mm to 600mm wide & depth upto 600mm Sewage generation in KLD: STP technology: MBBR Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation | | | Budgetary (Capital co | allocation st) : | Rs 8,00,000 | | | | | | |
| 26.Storm water drainage pattern: The slope of water is towards the 60.0m main road.(towards South-west direction) Quantity of storm water: Size of SWD: Starting from 450mm to 600mm wide & depth upto 600mm Sewage generation in KLD: STP technology: MBBR Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation Page 6.00.000 Approally: Domestic & Drinking Water Tank-106.5 CUM Flushing water tank-63 CUM The slope of water is towards the 60.0m main road.(towards South-west direction) 452 cum per day generated & 90cum recharged in RWH Starting from 450mm to 600mm wide & depth upto 600mm 1 No. 250 KLD Area - 32.87 sqmt, Location - NW Rs 55,00,000 Rs 55,00,000 | | | Budgetary allocation (O & M cost): Rs 4,00,000 Annually | | | | | | | | |
| 26.Storm water drainage pattern: direction) Quantity of storm water: Size of SWD: Starting from 450mm to 600mm wide & depth upto 600mm Sewage generation in KLD: STP technology: MBBR Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation Re 6 00 000 Approally. | | | | | Domestic & Drinking Water Tank-106.5 CUM | | | | | | |
| 26.Storm water drainage pattern: direction) Quantity of storm water: Size of SWD: Starting from 450mm to 600mm wide & depth upto 600mm Sewage generation in KLD: STP technology: MBBR Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation Re 6 00 000 Approally. | | | A | Ko | | | 16 | R | | | |
| 452 cum per day generated & 90cum recharged in RWH Size of SWD: Starting from 450mm to 600mm wide & depth upto 600mm Sewage generation in KLD: STP technology: MBBR Capacity of STP (CMD): 1 No, 250 KLD Location & area of the STP: Area - 32.87 sqmt, Location - NW Budgetary allocation (Capital cost): Budgetary allocation Page 6.00 000 Approally: | 20.01 | | | | The slope of direction) | f water is to | wards the 60 | .0m main ro | ad.(towards | South-west | |
| 27. Sewage and Waste water Sewage generation in KLD: STP technology: MBBR Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation Rs 55,00,000 Budgetary allocation Rs 6 00 000 Appendix | | water | | | | | | | | | |
| 27. Sewage and Waste water in KLD: STP technology: MBBR Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): | | | Size of SW | D; | Starting from 450mm to 600mm wide & depth upto 600mm | | | | | | |
| 27. Sewage and Waste water in KLD: STP technology: MBBR Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): | | Z D Z | | | | | | | | | |
| 27.Sewage and Waste water Capacity of STP 1 No, 250 KLD Location & area of the STP: Area - 32.87 sqmt, Location - NW Budgetary allocation (Capital cost): Rs 55,00,000 Budgetary allocation Rs 6.00.000 Approally. | | | in KLD: | | 4 WI | (())h | \sim | | | | |
| 27.Sewage and Waste water Composite C | | | | | MBBR | | | | | | |
| Budgetary allocation (Capital cost): Budgetary allocation Rs 55,00,000 Budgetary allocation Rs 6 00 000 Approally: | 27.Sewage and Waste water | go and | | f STP | 1 No, 250 KLD | | | | | | |
| (Capital cost): Res 53,00,000 Budgetary allocation Res 6 00 000 Approaches | | ater | | area of | Area - 32.87 sqmt, Location - NW | | | | | | |
| Budgetary allocation (O & M cost): | | | Budgetary (Capital co | allocation ost): | Rs 55,00,00 | 0 | | | | | |
| (* 17 17 17 17 17 17 17 17 17 17 17 17 17 | | | Budgetary (O & M cos | allocation st): | Rs 6,00,000 | Annually | h | 12 | | | |

| | 28.Solie | d waste Management |
|--|---|---|
| Waste generation in Waste generation: 6 | | 60kg per day wet & 5kg per day dry waste |
| the Pre Construction and Construction phase: | Disposal of the construction waste debris: | NA |
| | Dry waste: | 100 kg/day |
| | Wet waste: | 700kg/day |
| Wasta ganaration | Hazardous waste: | NA |
| Waste generation in the operation Phase: | Biomedical waste (If applicable): | NA |
| | STP Sludge (Dry sludge): | 50kg/day |
| | Others if any: | NA |
| | Dry waste: | Authorized Vendor |
| | Wet waste: | Organic Waste Convertor |
| | Hazardous waste: | NATORIES |
| Mode of Disposal of waste: | Biomedical waste (If applicable): | NA NA |
| | STP Sludge (Dry sludge): | Will be Using Manure after treatment in OWC |
| | Others if any: | NA |
| | Location(s): | 1020.132 |
| Area requirement: | Area for the storage of waste & other material: | 8.22 sq.mt |
| | Area for machinery: | OWC - 6.79 sq.mt OWP - 6.00 sq.mt |
| Budgetary allocation | Capital cost: | 700 kg/day -1 no 30 lac |
| (Capital cost and O&M cost): | O & M cost: | 700 kg/day -1no 2.5lac/year |

Government of Maharashtra

| | 29.Effluent Charecterestics | | | | | | | |
|----------------------------------|-----------------------------|----------------|---|----------------|----------------|--|--|--|
| Serial Number | Parameters | Unit | Unit Inlet Effluent Outlet Effluent Effluent di Charecterestics Charecterestics Effluent di standards | | | | | |
| 1 | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | | | |
| Amount of e | effluent generation | Not applica | Not applicable | | | | | |
| Capacity of | the ETP: | Not applicable | | | | | | |
| Amount of t recycled: | reated effluent | Not applicable | | | | | | |
| Amount of v | vater send to the CETP: | Not applicable | | | | | | |
| Membership of CETP (if require): | | Not applicable | | | | | | |
| Note on ETI | P technology to be used | Not applicable | | | | | | |
| Disposal of | the ETP sludge | Not applicable | | | | | | |



Government of Maharashtra

| | | | 30.Ha | zardous | Waste I | etails | | | |
|--|--|---|------------------------------|-------------------|--|---------------------------------------|-----------------------------|---------------------------|--|
| Serial Number | Description Cat | | | UOM | Existing | Proposed | Total | Method of Disposal | |
| 1 | Not applicable | | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | |
| | | | 31.St | tacks em | ission D | etails | | | |
| Serial Number | Section | & units | | sed with ntity | Stack No. | Height from ground level (m) | Internal diameter (m) | Temp. of Exhaust Gases | |
| 1 | DG SET - 1 | no.100kVA | | 30 lit/Hr | Stack no.01 | 5.0 m | As per norms | - | |
| | | | 32.De | tails of F | uel to b | e used | | | |
| Serial Number | Тур | e of Fuel | M | Existing | H(())72 | Proposed | | Total | |
| 1 | | HSD | 1/7 | Not applicabl | e | 30 lit/Hr | | 30 lit/Hr | |
| Source of F | | - | | at Petroleum | /HP Petrole | ım | | | |
| Mode of Tra | ansportation | of fuel to sit | e By Ro | oadway | 3/ | J. 76 | 4 | | |
| | | N | 1 95 | | | 1 1/2 | · 2 | | |
| | | (3) | 0 | 33.Eı | nergy | 70 | 7 | | |
| | | Source of particles supply: | oower | MSEB | 3 1 | 3 | K | | |
| | | During Cor Phase: (De Load) | nstruction mand | 45 KW |) ¥0; | 0 - | 8 | | |
| | | DG set as l back-up du construction | ıring | 25kVA | | | | | |
| _ | | During Op phase (Cor load): | eration inected | 1795 kVA | | | | | |
| Pov require | ver ement: | During Op phase (Der load): | eration nand | 1140 kVA | | | | | |
| | | Transform | er: | 1 x 1500 kV | /A | 77 | | | |
| | | DG set as l back-up du operation | ırina | 1 x 100 kVA | | | | | |
| | | Fuel used: | | HSD | HSD | | | | |
| | | Details of I tension lin through th any: | e passing | NA | me | eni | 0 | | |
| | | | ray savi | ng by no | n-conver | ntional m | ethod: | | |
| Solar Power | r | | | | | | 40 | | |
| | | 3 | 6.Detail | calculati | ons & % | of savin | q: | | |
| Serial Energy Conservation Measures | | | | | calculations & % of saving: Saving % | | | | |
| Solar PV Panels ,Timer Logic Contr V3F drive for Lifts,Solar wat | | | roller,Electronic 19% Saving | | | | ing | | |
| | . 0. | | | | ion cont | rol Syste | ms | | |
| 37.Details of pollution control Systems Source Existing pollution control system Proposed to be installed | | | | | | | installed | | |
| Air | | | | | | | | | |
| Water | - | | | | STP will be installed & excess treated water used for flushing & gardening | | | | |
| Noise | Noise monitoring will be done in once a fortnigh Traffic management plan to be prepared. Acoustic enclosed DG set will be brought & installed. | | | | | ne in once a fortnight. | | | |

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Wet Waste will be treated in OWC. STP sludge will be Solid Used as Manure after treatment in OWC Dry Waste waste will be given to SWACH **Budgetary allocation Capital cost:** 60 lakh (Capital cost and O & M cost: 2.5 Lakh/Year Ô&M cost): 38.Environmental Management plan Budgetary Allocation a) Construction phase (with Break-up): Serial **Attributes Parameter** Total Cost per annum (Rs. In Lacs) Number Water for Dust 1 Air Environment Suppression, Air & 0.50 lakh/year Noise Monitoring Tanker Water for Construction, Water 2 Water Environment 0.50 lakh/year Monitoring Site Sanitation 3 Land Environment 0.50 lakh/year -Mobile toilets Disinfection-Pest Control, First Aid Facilities, Health Check Up, Creches Socio economic 1.00 lakh/year 4 environment For Children, Food for children, Personal Protective Equipment **Operation Phase** (with Break-up): Capital cost Rs. In Serial **Operational and Maintenance** Description Component Number cost (Rs. in Lacs/vr) Lacs Rain Water Harvesting To harvest rain water 8 Sewage Treatment 2 55 6 To treat sewage Plant Organic Waste To treat biodegradable 3 30 2.5 Composting solid waste For green belt 30 4 Tree Plantation 3.0 development For use of solar 5 lighting and solar 2.5 Energy saving 60 heater Environment Air, water, noise and 6 2.5 Monitoring soil analysis Laying of Storm line For proper storm 7 up to final disposal 3.6 water disposal point Laying of Sewer line For proper disposal of up to final disposal 8 3 sewage point Environment To manage Management Cell environmental issues 39. Storage of chemicals (inflamable/explosive/hazardous/toxic substances Maximum Quantity of Storage Consumption Storage Source of Means of Status **Description** Location Capacity / Month in at any Supply transportation MT in MT point of time in MT Not Not Not. Not Not applicable Not applicable Not applicable Not applicable applicable applicable applicable applicable 40.Any Other Information No Information Available

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| CRZ/ RRZ clearance obtain, if any: | NA |
|--|---------------|
| Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | NA |
| Category as per schedule of EIA Notification sheet | 8 B2 category |
| Court cases pending if any | NA |
| Other Relevant Informations | NA |
| Have you previously submitted Application online on MOEF Website. | No Obt Oz |
| Date of online submission | 1344140335 |

3. The proposal has been considered by SEIAA in its 190th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

| * | |
|------|--|
| I | PP to abide the all conditions laid in the CFO NoC dated 23/1/2019. |
| II | PP to use maximum treated waste water to reduce disposal to 35%. |
| Ш | The planning authority to ensure that no occupation certificate is given to the Project till surplus discharge from STP of the Project is connected to duly developed and commissioned sewage disposal system of local planning authority. |
| IV | The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC. |
| v | PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department. |
| VI | PP to submit revised water balance calculations. |
| VII | PP to ensure that CER plan gets approved from Municipal Commissioner. |
| VIII | 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. |
| IX | SEIAA decided to grant EC for – FSI: 15460.24 m2, Non-FSI: 17759.09 m2 and Total BUA: 33219.33 m2 (Plan Approval no-VPW.S11/0175/18/TMC/2855/18, Date-24.10.2018) |

General Conditions:

| General Conditions: | |
|---------------------|---|
| I | E-waste shall be disposed 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. |
| VI | If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site. |
| 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. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured. |

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| 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 and 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 should 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 to 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 Authority prior to construction/operation of the project. |
| XXIX | Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water. |
| XXX | Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control. |
| 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. |
| 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. |

- 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-I
- 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 THANE
- 10. REGIONAL OFFICE MPCB THANE
- 11. REGIONAL OFFICE MIDC AMBERNATH
- 12. REGIONAL OFFICE MIDC THANE
- 13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
- **14.** COLLECTOR OFFICE THANE

Maharashtra

Shri. Anil Diggikar (Member Secretary SEIAA)