



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), WEST BENGAL)

To,

The SENIOR MANAGER LIASON
DTC PROJECTS PVT. LTD.
1, NETAJI SUBHAS ROAD -700001

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/WB/INFRA2/440103/2023 dated 23 Aug 2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC24B039WB114014 |
| 2. File No. | EN/T-II-1/401/2023 |
| 3. Project Type | Expansion |
| 4. Category | B |
| 5. Project/Activity including Schedule No. | 8(b) Townships and Area Development projects. |
| 6. Name of Project | Environmental Clearance for Housing Complex by M/s DTC Projects Pvt. Ltd. (Under Violation Category) |
| 7. Name of Company/Organization | DTC PROJECTS PVT. LTD. |
| 8. Location of Project | WEST BENGAL |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 22/01/2024

(e-signed)
DHARMDEO RAI, I.F.S.
Member Secretary
SEIAA - (WEST BENGAL)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

This is a computer generated cover page.

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)



Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur 1, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

Background of the project

The proponent made online application vide proposal no. SIA/WB/INFRA2/440103/2023 dated 23 August 2023 seeking Environmental Clearance (EC) under the provisions of the EIA Notification, 2006 for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur 1, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

The proposal is for expansion of housing complex comprising of Phase-2 & Phase-3. In Phase-2, there shall be expansion by addition of 11 nos. of blocks viz. Tower A1, A2, A3 & A4, Tower B1, B2, B3 & B4 and Tower C1, C2 & C3 with configuration of G+19 (1 no.), G+2P+17 (4 nos.) & B+G+2P+17 (6 nos.) having Built-up area 140762 sqm as per sanctioned plan vide.450/580/EXE/KMDA. The Phase-3 will be kept for future development. After expansion total Built up area will be 293442 sqm.

Earlier the project proponent (PP) had obtained EC issued by SEIAA, WB vide No. 3230/EN/T-II-1/019/2017 dated 27.09.2018 for Phase-1 for a built up area 149115.89 Sq.m.

The PP had obtained Terms of Reference against proposal No. SIA/WB/INFRA2/430314/2023 under violation category for the project having built up area 293442 sqm. vide Memo no. 1368/EN/T-II-1/401/2023 dated 19.07.2023 issued by SEIAA, WB.

The project is a violation case which started construction work without obtaining Environmental Clearance. Therefore the project proposal has been dealt as per MoEF&CC Office Memorandum vide F. No. 22-21/2020-IA.III dated 07.07.2021 and in accordance with EIA Notification, 2006.

Legal case is being filed by the West Bengal Pollution Control Board against the project proponent for violation. This EC is subject to the order of the Hon'ble Court in that case.

The project proponent submitted remediation plan and natural and community resource augmentation plan of a total amount of Rs. 9.65 lakhs (Rupees Nine Lakhs Sixty Five Thousand only) and penalty of Rs. 6.4311 Lakhs (Rupees Six Lakhs Forty Three Thousand One Hundred and Ten only) which has been accepted by SEAC and SEIAA. The remediation plan and natural and community resource augmentation plan is attached herewith as annexure 1.

The project proponent obtained Building Permit vide Memo No. 1584/28/Engg/BP/23 dated 13.03.2023 issued by the Additional Executive Officer, South 24 Parganas Zilla Parishad.

Salient features of the proposed project as uploaded by the PP in the PARIVESH Portal are as follows –

Features	Existing Capacity as per EC issued by SEIAA vide 3230/EN/T-II-1/019/2017 dated 27/09/2018 (Phase-1)	Actual (Phase-1)	Proposed Expansion (Phase-2 & 3)	Total After expansion Actual (Existing + Proposed)
Total Land area	76788 sqm	76788 sqm	2712 sqm acquired for expansion	79500 sqm
Land area	44784.91 sqm	--	--	--
Expected Population	8790 (Residential - 6084, Community hall - 881, Service - 1217, Floating -608) Persons	9194 (Residential - 7570, Club House- 757, Service - 110, Floating -757) Persons	6346 (Residential - 5660, Service - 120, Floating -566) Persons	15540 (Residential - 13230, Club House- 757, Service -230, Floating -1323) Persons

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

No. of Flats	1352 Nos.	1351 Nos.	1016 Nos.	2367 Nos.
No. of storey	Residential Complex Block-1, 1A, 2, 3: G+12, Block-4 to 23 - G+12(5 nos.), G+14(7 nos.) & B+G+14(7 nos.) with club house G+2	Residential Complex Block-1, 1A, 2, 3: G+12, Block-4 to 23 - G+12(5 nos.), G+14(7 nos.) & B+G+14(7 nos.) with club house G+2	Tower A1, A2, A3 & A4 Tower B1, B2, B3 & B4 Tower C1, C2 & C3	Phase 1: Residential Complex Block-1, 1A, 2,3: G+12, Block-4 to 23- G+12(5nos), G+14(7 nos.) & B+G+14(7nos.) with club house G+2 Phase 2 : Tower A1, A2, A3 & A4 Tower B1, B2, B3 & B4 Tower C1, C2 & C3
Latitude & Longitude	22°26'25.38"N & 88°17'53.94" E	22°26'25.38"N & 88°17'53.94" E	22°26'27.04"N & 88°17'56.68"E	
Total Water requirement	1079 KLD	1029 KLD	819 KLD	1848 KLD
Fresh Water requirement	671 KLD	702 KLD	526 KLD	1228 KLD
Wastewater generated	793 KLD	763 KLD	607 KLD	1370KLD
Treated Wastewater Discharge	385 KLD	428 KLD	308 KLD (In Non-Monsoon Season) 453 KLD (In Monsoon Season)	736 KLD (In Non-Monsoon Season) 881 KLD (In Monsoon Season) after recycling to Panchayat Drain
Treated Wastewater Recycled	408 KLD	327 KLD	293 KLD	620KLD
Solid Waste Disposal	4.045 TPD	Total-3493 Kg/day Biodegradable -1397 Kg/day Non-Biodegradable-2096 Kg/day	Total-2616 Kg/day Biodegradable -1046 Kg/day Non-Biodegradable-1570 Kg/day	Total-6109 Kg/day Biodegradable-2444 Kg/day Non-Biodegradable-3665 Kg/day
Total Built-up area	1,49,115.89 Sq.m (As per EC) 1,52,680 Sq.m (As Actual)	1,52,680 sqm	1,40,762 sqm	2,93,442 sqm
Ground Coverage	13804.27 sq.m (30.82% of present development area), (17.98% of total project area)	13804 sqm	Phase 2-13725 sqm Phase 3-3030 sqm	30559 sqm (38.44 %)
Service Area	1192.35 sq.m (2.66%)	1330 sqm	Phase 2- 410 sqm Phase 3- 180 sqm	1920 sqm (2.42 %)
Total Paved	8904.59 sq.m (19.88 %)	5260 sqm	Phase 2- 693 sqm	8453 sqm (10.63 %)

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

Area			Phase 3- 2500 sqm	
Total Green Area	18400.73 sq.m (41.09%)	--	--	--
Exclusive Tree Plantation area	9496.14 sq.m (21.20%)	5454 sqm	Phase 2- 7970 sqm Phase 3- 2676 sqm	16100 sqm (20.25 %)
Swimming pool area	Swimming Pool is located presently in Club House	--	18 sqm	18 sqm (0.02 %)
Water Body Area	Water body is not present in present development area. Compensatory water body will be made in future provision area.	--	Phase 2- 688 sqm	688 sqm (0.87%)
Basement Area	2482.97 sq.m (5.54%)	--	--	--
Future Expansion Area	32003.09 sq.m	--	--	--
Total No. of plantation proposed	650 Nos.	302 nos.	832 nos. (Phase-2 & Phase-3)	1134 nos. (Phase -1, 2 & 3)
No. of Solar lights proposed	87 Nos.	--	--	--
Use of Solar Power	150 kW	44 kW (P) (More than 1%) Will be transferred to Grid	43 kW (P) more than ~1% –Will be transferred to Grid	87 kW (P) (More than 1%) –Will be transferred to Grid
No. of Parking spaces proposed	770 Nos.	Required: 1152 Provided: 1316	Required: 788 Provided: 1041	Required: 1940 Provided: 2357
Total Power requirement	8335 kVA	5522 kVA or 4417 kW	5040 kVA or 4032 kW	10562 kVA or 8449 kW
Backup Power	DG Sets (2 X 2000 kVA, 1 X 100 kVA)	2X380 kVA 1X625 kVA	2X500kVA 2X320 kVA	2X380 kVA 1X625 kVA 2X500kVA 2X320 kVA
Project cost (Rs.)	--	Rs. 27549.79 Lakhs	Rs. 23100 Lakhs	Rs.27549.79 Lakhs for (phase-1) Rs.23100 Lakhs for (phase-2)

State Level Environment Impact Assessment Authority (SEIAA), West Bengal examined the proposal and also perused recommendations of the State Level Expert Appraisal Committee (SEAC). After due consideration of the project proposal, and after considering the recommendations of the State Level Expert Appraisal Committee (SEAC), the State Level Environment Impact Assessment Authority accords Environmental Clearance to the project as per provisions of the EIA notification no. S.O. 1533 (E) dt. 14th September, 2006 of Ministry of Environment & Forests, GOI and the subsequent amendments, in supersession of EC issued vide Memo No. 3230/EN/T-II-1/019/2017 dated 27.09.2018

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

on the basis of above mentioned features along with other details submitted to SEIAA subject to strict compliance of the terms and conditions mentioned below.

I. Statutory compliance:

- i. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
- iii. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- vi. The project proponent shall obtain the necessary permission for drawl of ground water /surface water required for the project from the competent authority.
- vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi. The project proponent should strictly comply with the guidelines for High Rise Buildings, issued by MoEF, GoI vide No. 21-270/2008-IA.III dated 07.02.2012.
- xii. The project proponent shall comply with the EMP as proposed in terms of Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020.

II. Air quality monitoring and preservation

- i. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
- iv. Diesel power generating sets proposed as source of backup power 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 of low sulphur diesel is mandatory. The location of the DG sets may be decided in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

walls all around the site (at least 3 meters height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

- vi. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drainage system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office of Ministry of Environment, Forest and Climate Change (MoEF&CC) along with State Level Environment Impact Assessment Authority (SEIAA) and West Bengal Pollution Control Board (WBPCB) along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- vii. Installation of dual pipe plumbing for supply of recycled water and other for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. and for supplying fresh water for drinking, cooking and bathing etc. shall to be done.
- viii. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. All recharge should be limited to shallow aquifer.
- xiv. No ground water shall be used during construction phase of the project.
- xv. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the State Water Investigation Directorate (SWID) in the matter. Formal approval shall be taken from the SWID for any ground water abstraction or dewatering.
- xvi. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening.
- xvii. No sewage or untreated effluent water would be discharged through storm water drains.
- xviii. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Regional Office of MoEF&CC along with SEIAA and WBPCB before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by MoEF&CC. Natural treatment systems shall be promoted.
- xix. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xx. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
- ii. Noise level survey shall be carried out as per the prescribed guidelines and report in this regard shall be submitted to Regional Office of the MoEF&CC along with SEIAA and WBPCB as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii. Disposal of muck during construction phase shall 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.
- iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
- v. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
- x. Used 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.
- xi. **Construction and demolition activities should be equipped with adequate dust emission measures including installation of anti-smog guns.**

VII. Water Body Conservation:-

- i. Existing water body (if any) should not be lined and their embankments should not be cemented. The water body is to be kept in natural conditions without disturbing the ecological habitat.

VIII. Green Cover

- i. The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Act, 2006 and subsequent rules. The proponent should undertake plantation of trees over at least 20% of the total area.
- ii. No tree can be felled/transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- iii. The proponent should plant at least **1134** nos. trees (Phase – 1, 2 & 3). The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The project proponent should follow plantation plan approved by DFO, 24 Parganas (South) Division vide Memo no. 296/13C-16 dated 27.02.2023.

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

- iv. Where the trees need to be cut with prior permission from the concerned Local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

IX. Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
- ii. 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 to be operated only during non-peak hours.
- iii. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- iv. **Electrical charging points for e-vehicles for at least 5% of the total parking capacity to be provided.**

X. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project (Photographic evidence to be included in 6 monthly compliance report).
- v. Occupational health surveillance of the workers shall be done on a regular basis (Photographic evidence to be included in 6 monthly compliance report).
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project (Photographic evidence to be included in 6 monthly compliance report).

XI. Environment Management Plan (EMP)

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

- i. The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed.
- ii. Need based activities for local people is part of the EMP. Details of such activities for expansion project (in addition to the activities for the existing project) submitted by the project proponent is given in Annexure-2.
- iii. The project proponent shall install display board for display of all the environmental parameters including sensor-based air, water and noise quality monitoring stations within their premises.
- iv. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms /conditions. The company shall have defined system of reporting infringements /deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the Regional Office of MoEF&CC along with SEIAA and WBPCB as a part of six-monthly report.
- v. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly report to the head of the organization.
- vi. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose.
- vii. Year wise progress of implementation of action plan shall be reported to the Regional Office of MoEF&CC along with SEIAA and WBPCB along with the Six-Monthly Compliance Report.

XII. Miscellaneous

- i. The environmental clearance accorded shall be valid for a period of 10 years for the proposed project.
- ii. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- iii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions (along with relevant photographs wherever applicable) on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal with a copy to SEIAA and WBPCB.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office of the MoEF&CC along with SEIAA and WBPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the State Expert Appraisal Committee (SEAC).
- x. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA.
- xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiv. The Regional Office of the MoEF&CC/SEIAA/WBPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office of MoEF&CC / SEIAA/WBPCB by furnishing the requisite data / information/monitoring reports.
- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- xvii. The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Mr. Ravi Kahitan, Sr. Manager - Compliance & Liaison
Address	1 Netaji Subhash Road, Kolkata – 700 001.
Email	ravi.k@dctgroup.in
Telephone Number Fax No.	22430706 / 9830339883
Name of the Environmental Consultant	M/s. Ultra Tech.

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur 1, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

Annexure-1

REMEDIATION PLAN AND NATURAL AND COMMUNITY RESOURCE AUGMENTATION PLAN

Sl. No.	Items of work to be executed	Total fund allotment (Rs. In Lakhs)
1.	For Greening activity	9.65
Grand Total		9.65



Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur I, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

Annexure-2

NEED BASED ACTIVITIES FOR LOCAL PEOPLE

All activities will be done outside the project area								
S.No.	Need based activities	Investment (In Lakhs)					Total (In Lakhs)	Name of the Beneficiary
		1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year		
Proposed need based activities								
1.	Providing funds for drinking water supply, drains, MSW management to the surrounding habitats.	5	5	5	5	5	25	Kulerdari- 3.48 Km, SE Hanspukuria- 0.90 Km, NW Pailan-1.15Km, SE
2.	Tree plantation in consultation with different Govt. agencies	4	4	4	4	4	20	The work will be done through local DFO and beneficiary will be the people of surrounding area.
3.	Donations for construction of Smart classroom and toilets with running water facility, infrastructural support, hand washing stations, providing educational tools like computers, internet connection, CCTV etc. to the nearby schools.	10	10	10	10	10	50	Amgachia Lalbahadur Junior High School – 1.35 Km, SSE Daulatpur High School (Co-Edu) – 0.60 Km,S St. Elizabeth Girl's School – 2.30 km, NNE Thakurpukur Brahmachari P.K. Vidyamandir For Girls' (H.S.) – 2.56 km, NNE Begam Girls' School-4.35Km, NNE
4.	Providing funds to the nearby girls School for sanitary napkin vending machines and proper disposal mechanism for the same	3	3	3	3	3	15	Thakurpukur Brahmachari P.K. Vidyamandir For Girls' (H.S.) – 2.56 km, NNE Alipore Girls' High School, Joka Branch-3.01 Km,NE Barisha Vivekananda Girls High School-3.16Km, NNE Sarsuna Girls' School-4.07 Km, NNW Begam Girls' School-4.35Km, NNE
5.	Arrange for water sprinkling activity through Mist cannon to the nearby areas.	2	2	2	2	2	10	Dust Suppression in Nearby Road.
6.	Initiating programme with	4	4	4	4	4	20	Kulerdari- 3.48 Km, SE

Environmental Clearance for the proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur 1, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709, Diamond Harbour Road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist - South 24 Parganas, West Bengal by M/s. DTC Projects Pvt. Ltd.

	Kulerdari Gram panchayat for vector control							Hanspukuria- 0.90 Km, NW Pailan-1.15Km, SE
7.	Battery operated (small) hydraulic tipper for MSW management	3	3	3	3	3	15	Kulerdari- 3.48 Km, SE Hanspukuria- 0.90 Km, NW Pailan-1.15Km, SE
8.	Distribution of waste garbage bins for segregated waste collection	3	3	3	3	3	15	Kulerdari- 3.48 Km, SE Hanspukuria- 0.90 Km, NW Pailan-1.15Km, SE
Total		34	34	34	34	34	170	

Above mentioned activities will be executed in collaboration with ULB/Govt. agency/WBPCB/ Registered society and /or Trust.

