FORM 1

(I) Basic Information

<table>
<tr><th>Sl. No.</th><th>Item</th><th>Details</th></tr>
<tr><td>1</td><td>Name of the project/s</td><td>Commercial Complex - Building and Construction project</td></tr>
<tr><td>2</td><td>Sl. No. in the schedule</td><td>Sl. No. 8 (a)</td></tr>
<tr><td>3</td><td>Proposed capacity/area/length/ tonnage to be handled/ command area/lease area/number of wells to be drilled</td><td>One building of commercial complex with Two Towers, South Tower of G+31 storied with helipad and North Tower of G+23 storied (maximum height – 123.6 meter) having total built-up area of 81505.78 sqm. Total Land Area is 11197.52 sqm.</td></tr>
<tr><td>4</td><td>New /Expansion/Modernization</td><td>New Project
<table>
<tr><th>DETAILS</th><th>As per Stipulated Condition Vide Memo No. 1790/EN/T-II-1/026/2016</th><th>After Expansion</th></tr>
<tr><td>Land Area</td><td>11197.52 sqm</td><td>11197.52 sqm</td></tr>
<tr><td>Latitude & Longitude</td><td>22°34’35.61” N & 88°20’52.22” E</td><td>22°34’35.61” N & 88°20’52.22” E</td></tr>
<tr><td>Expected Population</td><td>Permanent - 4337, temporary- 1985</td><td>5387 persons</td></tr>
<tr><td>Total water requirement</td><td>272 KLD</td><td>362 KLD</td></tr>
<tr><td>Fresh Water requirement</td><td>98 KLD (KMC supply)</td><td>162 KLD (KMC supply)</td></tr>
<tr><td>Wastewater generated</td><td>200 KLD (to be treated in STP)</td><td>200 KLD (to be treated in STP)</td></tr>
</table></td></tr>
</table>

		Treated Wastewater reused	174 KLD (to be used in dual plumbing, landscaping & car washing)	200 KLD (to be used in dual plumbing, landscaping & car washing)
		Treated Wastewater discharged	26 KLD (to KMC drain)	Zero Discharge
		Solid waste disposal	0.906 TPD (to be disposed off through on site compost plant & KMC)	1.670 TPD (to be disposed off through on site compost plant & KMC)
		Total Built-up Area	76013.52 sqm	81505.78 sqm
		Ground Coverage	3905.78 sqm (34.88% of land area)	3891.09 sqm (34.75% of land area)
		Service Area	559.88 sqm (5.0% of land area)	827.14 sqm (7.39% of land area)
		Total Green Area	3940.24 sqm (35.197% of land area)	3692.12 sqm (32.97% of land area)
		Exclusive tree plantation area	2627.68 sqm (23.475% of land area)	2383.89 sqm (21.29% of land area)
		Total paved area	2791.62 sqm (24.93% of land area)	2787.18 sqm (24.89% of land area)
		Plantation proposed	160 nos.	160 Nos.

		No. of Parking Spaces proposed	568 (Open - 59, Covered - 509) nos.	Total -641 Nos.[Covered: (Ground Floor-10 Nos., 2nd Floor-60 Nos., 3rd Floor-98 Nos., 4th Floor-102., 5th Floor-102 Nos., 6th Floor-102., 7th Floor-102 Nos.), Open: Ground Floor-65 Nos.]
		Total Power requirement	5644 KVA, CESC (At least 1% of total power requirement shall be met from solar power)	5000 KVA , CESC
		No. of solar street lights proposed	21 Nos.	29 Nos.
		Backup power	2x2000 KVA & 1x1650 KVA	2 x 2500 KVA
5	Existing Capacity/ Area etc.	NA		
6	Category of project i.e. 'A' or 'B'	**Category B, Sl. No. 8(a)** (≥20000 sq.m and <1,50,000 sqm. of built-up area)		
7	Dose it attract the general condition? If yes, please specify.	No		
8	Dose it attract the specific condition? If yes, please specify.	No		
9	Location	Premises No. – 25, Netaji Subhash Road, Kolkata – 700001, KMC Ward No. – 45, Borough – V, P.S. – Hare Street, West Bengal		
	Plot/Survey/Khasra No.	-		
	Village	NA		
	Tehsil	NA		
	District	Kolkata		
	State	West Bengal		

10	Nearest railway main station/airport along with distance in kms.	Sealdah Station – 2.53 kms Netaji Subhash Chandra Bose International Airport – 15 kms (aerial distance) B.B.D Bagh Circular Railway Station-0.13 kms
11	Nearest Town, City District Headquarters along with distance in kms.	Kolkata
12	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Kolkata Municipal Corporation (KMC)
13	Name of the applicant	Bengal Bonded Warehouse Limited
14	Registered Address	Sagar Estate, 4th Floor 2, Clive ghat Road, Kolkata-700001

15	Address for correspondence:	
	Name	R.S. Khetan
	Designation (Owner/Partner/CEO)	Director
	Address	Sagar Estate, 4th Floor 2, Clive ghat Road, Kolkata-700001
	Pin Code	Kolkata - 700001
	E-mail	rskhetan@keventer.com
	Telephone No.	033 - 40269999
	Fax No.	
16	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet.	**NA**
17	Interlinked Projects	No
18	Whether separate application of interlinked project has been submitted?	No
19	If yes, data of submission	NA
20	If no, reason	NA
21	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given. (a) The Forest (Conservation) Act, 1980 ? (b) The Wildlife (Protection) Act, 1972? (c) The CRZ Notification, 1991? (d)	No
22	Whether there is any Government Order/Policy relevant/relation to the site?	No
23	Forest land involved (hectares)	NA
24	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up?	No

(II) Activity

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	No	The project area is dedicated for Commercial Complex. Total land area = 11197.52 sqm. Land related documents are enclosed in **Annexure – 1**.
1.2	Clearance of existing land, vegetation and buildings?	Yes	There are no trees within project area.
1.3	Creation of new land uses?	No	-
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Soil testing (boring) report is already done.
1.5	Construction works?	Yes	One building of commercial complex with Two Towers, South Tower of G+31 storied with helipad and North Tower of G+23 storied (maximum height – 123.6 meter) having total built-up area of 81505.78 sqm.
1.6	Demolition works?	Yes	There is a three storied building, of approximately 250000Sq.Ft built up area, existing at site which will be demolished before commencement of new construction.
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	Temporary residential arrangements with adequate number of decentralized latrines and urinals for the construction workers to be provided for laborers during the construction period. Total 660 Nos. of construction workers will work during peak construction period.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	This is a flat land. Cutting & filling operation required only for foundation & piling work. One building of commercial complex with Two Towers, South Tower of G+31 storied with helipad and North Tower of G+23 storied (maximum height – 123.6 meter) having total built-up area of 81505.78 sqm.
1.9	Underground works including mining or tunneling?	Yes	No

<table>
<tr><td>1.10</td><td>Reclamation works?</td><td>No</td><td>-</td></tr>
<tr><td>1.11</td><td>Dredging?</td><td>No</td><td>-</td></tr>
<tr><td>1.12</td><td>Offshore structures?</td><td>No</td><td>-</td></tr>
<tr><td>1.13</td><td>Production and manufacturing processes?</td><td>No</td><td>-</td></tr>
<tr><td>1.14</td><td>Facilities for storage of goods or materials?</td><td>Yes</td><td>Cement, reinforcement etc. will be stored in covered area, sand and stone chips will be stored in open places within the project area.</td></tr>
<tr><td>1.15</td><td>Facilities for treatment or disposal of solid waste or liquid effluents?</td><td>Yes</td><td>(i) Garbage will be treated at source for biodegradable, recyclables and inert material during construction (132 kg/day) (660 persons @ 0.2 kg/day) and operational phases (1670 kg/day). Organic portion (about 40% of total quantity) will be treated in-house by installing mechanical composter, In-organic recyclables will be sold to the vendor and in-organic inert material will be disposed off by Project proponent in association with KMC as per MSW (M&H) Rules, 2016.
<table>
<tr><th></th><th>Person</th><th>Rate</th><th>Total</th></tr>
<tr><td></td><td></td><td>kg/day</td><td>kg/day</td></tr>
<tr><td>Shop</td><td>566</td><td>0.20</td><td>113.20</td></tr>
<tr><td>Restaurant</td><td>598</td><td>0.60</td><td>358.80</td></tr>
<tr><td>Food Court, Spa, Cafeteria, Banquet etc</td><td>538</td><td>0.45</td><td>242.10</td></tr>
<tr><td>Hotel</td><td>82</td><td>0.20</td><td>16.40</td></tr>
<tr><td>Office</td><td>3068</td><td>0.20</td><td>613.60</td></tr>
<tr><td>Service Persons</td><td>49</td><td>0.10</td><td>4.90</td></tr>
<tr><td>Floating population</td><td>486</td><td>0.10</td><td>48.60</td></tr>
<tr><td>Street Sweeping</td><td>5387</td><td>0.050</td><td>269.35</td></tr>
<tr><td></td><td></td><td>GRAND TOTAL</td><td>1667.0</td></tr>
<tr><td></td><td></td><td>Say</td><td>1670</td></tr>
</table>
(ii) The total wastewater generated from this project during operational phase is around 200 KLD.
<table>
<tr><th></th><th>Total popu.</th><th>Lpcd</th><th>Total litre/day</th><th>KLD</th></tr>
<tr><td>Shop</td><td>566</td><td>45</td><td>25470</td><td>26</td></tr>
<tr><td>Restaurant</td><td>598</td><td>70</td><td>41860</td><td>42</td></tr>
</table></td></tr>
</table>

Food court, Spa, Banquet, Cafeteria etc	538	35	18830	19
Hotel	82	180	14760	15
Office	3068	45	138060	139
Service Persons	49	15	735	1
Floating population	486	15	7290	8
Sub Total 1				**250**
Landscaping				21
Losses				3
HVAC				88
Sub Total 2				**112**
TOTAL WATER REQUIREMENT				**362**
Total Wastewater Generation				**200**
Total Wastewater discharge				**0**
Total Recycling				**200**
Landscaping				**21**
HVAC				**85**
Flushing				**94**
Fresh Water Requirement				**162**

OCCUPANCY RATE AS PER NBC 2016, PART 9, PAGE 11, CLAUSE 4.1 ,SECTION 1

The wastewater will be collected through a well designed sewer network leading to STP. The proposed STP will be based on FAB technology.

Total Recycling : 200 KLD
(Landscaping : 21 KLD + HVAC: 85 KLD, Dual Flushing : 94 KLD)

Treated Waste Water Discharge to Drain: Zero discharge.

(iii) During construction phase wastewater originating from labour hut (about 37 KLD) will be discharged to KMC drain through septic tank by temporary sewer connection to Kolkata Municipal Corporation.

All the infrastructures like water supply, sewerage system, drainage, MSW management facilities, etc. will be provided by KMC.

1.16	Facilities for long term housing of operational workers?	No	There will be no long term housing facility for operation workers. Only few security personnel will stay.

1.17	New road, rail or sea traffic during construction or operation?	No	-
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	-
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	-
1.20	New or diverted transmission lines or pipelines?	No	-
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	-
1.22	Stream crossings?	No	-
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	Water during the constructional and operational phase will be supplied by KMC.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There is no water body present in the Project area.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	The vehicle to be used for transportation of materials will have a valid Pollution Under Control (PUC) certificate. Overhaul truck will be cleaned before leaving the site. Speed of the vehicle will be maintained at 10-15 km/hr. The overhaul trucks to be used for carrying the raw materials will be covered with tarpaulin to minimize the loss through spillage. Most of the personnel associated with the

<table>
<tr><td></td><td></td><td></td><td>project will use public transportation system.</td></tr>
<tr><td>1.26</td><td>Long-term dismantling or decommissioning or restoration works?</td><td>No</td><td>-</td></tr>
<tr><td>1.27</td><td>Ongoing activity during decommissioning which could have an impact on the environment?</td><td>No</td><td>-</td></tr>
<tr><td>1.28</td><td>Influx of people to an area in either temporarily or permanently?</td><td>Yes</td><td>Construction workers of around 660 persons will be engaged during construction phase and 5387 persons (Office population - 3068, Hotel-82, Commercial- 1702, Floating population – 486, Service - 49) during operation phase.
<table>
<tr><th></th><th>total no. of flats/ bua</th><th>rate</th><th>Total Popu.</th></tr>
<tr><td>Shop (Ground Floor)</td><td>929.19</td><td>0.33</td><td rowspan="2">566</td></tr>
<tr><td>Shop (First Floor)</td><td>1532.47</td><td>0.167</td></tr>
<tr><td>Restaurant</td><td>332.05</td><td>1.8</td><td>598</td></tr>
<tr><td>Food Court, Spa, cafeteria , Banquet etc</td><td>1792.27</td><td>0.3</td><td>538</td></tr>
<tr><td>Hotel</td><td>41</td><td>2</td><td>82</td></tr>
<tr><td>Office</td><td>30670.16</td><td>0.1</td><td>3068</td></tr>
<tr><td>Service Persons</td><td>4852</td><td>0.01</td><td>49</td></tr>
<tr><td>Floating population</td><td>4852</td><td>0.1</td><td>486</td></tr>
</table></td></tr>
<tr><td>1.29</td><td>Introduction of alien species?</td><td>No</td><td>-</td></tr>
<tr><td>1.30</td><td>Loss of native species or genetic diversity?</td><td>No</td><td>As the project site is already developed, so there is no question of any loss of native or genetic diversity.</td></tr>
</table>

1.31	Any other actions?	Yes	• Raw materials will not be dumped around the public road side. • Maintaining hoists and lifts, lifting machines, chains, ropes, and other lifting tackles in good condition. • Ensuring that walking surfaces or boards at height are of sound construction and are provided with safety rails or belts. • Provide protective equipment; helmets etc. • Fire extinguishers and buckets of sand to be provided in the fire-prone area and elsewhere. • Adequate emergency first aid system will be provided at project site.

2. **Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):**

Sl. No.	Information/checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	The project area is dedicated for Commercial Complex. Total land area = 11197.52 sqm. Land deed is enclosed in **Annexure – 1.**
2.2	Water (expected source & competing users) unit : KLD		

	Total popu.	Lpcd	Total litre/day	KLD
Shop	566	45	25470	26
Restaurant	598	70	41860	42
Food court, Spa, Banquet, Cafeteria etc	538	35	18830	19
Hotel	82	180	14760	15
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Floating population	486	15	7290	8
Sub Total 1				**250**
Landscaping				21
Losses				3
HVAC				88
Sub Total 2				**112**
TOTAL WATER REQUIREMENT				**362**

			<table><tr><td>**Total Wastewater Generation**</td><td>**200**</td></tr><tr><td>**Total Wastewater discharge**</td><td>**0**</td></tr><tr><td>**Total Recycling**</td><td>**200**</td></tr><tr><td>Landscaping</td><td>**21**</td></tr><tr><td>HVAC</td><td>**85**</td></tr><tr><td>Flushing</td><td>**94**</td></tr><tr><td>**Fresh Water Requirement**</td><td>**162**</td></tr></table> **OCCUPANCY RATE AS PER NBC 2016, PART 9, PAGE 11, CLAUSE 4.1 ,SECTION 1** **Source:** KMC from its own source**.** The total wastewater generated from this project during operational phase is around 200 KLD. The wastewater will be collected through a well designed sewer network leading to STP. The proposed STP will be based on FAB technology followed by tertiary treatment and UV radiation as disinfection. **Total Recycling : 200 KLD** (Landscaping : 21 KLD + HVAC: 85 KLD+ Dual Flushing : 94 KLD) Treated Waste Water Discharge to Drain: Zero.
Sl. No.	**Information/checklist confirmation**	**Yes/ No**	**Details thereof (with approximate quantities /rates, wherever possible) with source of information data**
2.3	Minerals (MT)	No	Not Applicable
2.4	Construction material – stone, aggregates, sand/ soil (expected source – MT)	Yes	<table><tr><td>**Material**</td><td>**Quantity**</td><td>**Source**</td></tr><tr><td>Bricks</td><td>6724230 PCS.</td><td>Brick field</td></tr><tr><td>Cement</td><td>10700 MT</td><td>From reputed manufacturer</td></tr><tr><td>Sand</td><td>1079545 CFT</td><td>Birbhum</td></tr><tr><td>Stone chips</td><td>719700 CFT</td><td>Pakur</td></tr></table>
2.5	Forests and timber (source – MT)	Yes	Use of timber shall be as minimum as possible. However, the required quantity will be procured only from the vendor authorized by the competent authority.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Electricity will be supplied by CESC. Connected load will be about 5000KVA (4000 KW). DG sets (2 nos. 2500 KVA each) will be installed for backup power. The emission from DG sets will be discharged through a 10.0 meter stack for each 2500 KVA above the roof of the DG building. Fuel (diesel) required for DG sets will be about 800 litre/hr.

2.7	Any other natural resources (use appropriate standard units)	No	-

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	Yes	The construction materials to be handled, stored and used are mostly of non hazardous type. The hazardous waste are mainly of centering oil, grease, water proofing compounds, paints, wood dust from treated wood, discarded lube oil etc. Special care will be taken to prevent spillage or mixing of the hazardous waste with non-hazardous waste. Discarded lube oil will be stored in HDPE container as per Hazardous Waste (Management, Handling and Trans boundary Movement) Rules 2016 and its subsequent amendments and finally sold to the authorized vendor of MoEF.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	During construction phase disinfectant will be used as and when necessary to control insects. No such changes will take place which would create breeding ground for water borne pathogens or insects.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Some local people will get job during the construction phase of the project. Some manpower will be required for regular operation and maintenance of the proposed project. The project will generate job opportunities in both direct and indirect sector. The proposed project will have a long-term positive impact on the socio-economic environment of the area.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	No	-
3.5	Any other causes	No	-

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	-
4.2	Municipal waste (domestic and or commercial wastes)	Yes	132 kg/day during construction phase and 1670 kg/day domestic solid waste (garbage) during operation phase.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	The construction materials to be handled, stored and used are mostly of non hazardous type. The hazardous waste will mainly be of centering oil, grease, water proofing compounds, paints, wood dust from treated wood, discarded lube oil etc. Special care will be taken to prevent spillage so that the hazardous solid waste will not be mixed with non-hazardous waste. Hazardous solid waste will be stored in HDPE container as per Hazardous Waste (Management, Handling and Trans boundary Movement) Rules 2016 and its subsequent amendments and finally sold to the authorized vendor of MoEF.
4.4	Other industrial process wastes	No	-
4.5	Surplus product	No	-
4.6	Sewage sludge or other sludge from effluent treatment	No	-
4.7	Construction or demolition wastes	Yes	Solid waste originating from construction activities will be 711 MT. Construction waste will be used in the site and road preparation work.
4.8	Redundant machinery or equipment	No	-
4.9	Contaminated soils or other materials	Yes	Hazardous waste originating from centering oil, grease, water proofing compounds, paints, wood dust from treated wood, discarded lube oil etc. will be stored in HDPE container to prevent soil contamination.
4.10	Agricultural wastes	No	-

4.11	Other solid wastes	Yes	Packing materials, hard board, etc. will be segregated and sold to the vendors.

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr).

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	(i) Use of low sulphur content ultra pure diesel reduces SO_2, NO_x and PM emissions from the DG sets. DG sets (2 nos. 2500 KVA each) will be installed for backup power. The emission from DG sets will be discharged through a 10.0 meter stack for each 2500 KVA DG set above the roof of the DG building. Fuel (diesel) required for DG sets will be about 800 litre/hr. The emission from DG sets will be maintained as per the norms of CPCB given below PM < 0.3 G/kw-hr CO < 3.5 G/kw-hr HC < 1.3 G/kw-hr NO_2 < 9.2 G/kw-hr (ii) The vehicle to be used for transportation of materials will have a valid Pollution under Control (PUC) certificate.
5.2	Emissions from production processes	No	-
5.3	Emissions from materials handling including storage or transport	Yes	The site will be enclosed by a wall of about 15 - 20 feet height. Fugitive dust generated during material handling will be controlled by use of water sprinkler.
5.4	Emissions from construction activities including plant and equipment	Yes	Fugitive emission due to cement and sand handling but it will be maintained within norms.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	Yes	Fugitive dust will be generated from the material handling areas. Water sprinkling arrangement will be made to minimize the dust generation. Sewage (construction phase) will be treated in a septic tank and finally discharge to Kolkata Municipal Corporation drain**.**
5.6	Emissions from	No	-

	incineration of waste		
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	-
5.8	Emissions from any other sources	No	-

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

Sl. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	No	Negligible, within norms.
6.2	From industrial or similar processes	No	-
6.3	From construction or demolition	Yes	Equipment used for demolition and construction work generates noise and the anticipated noise levels are tabulated below.

Equipments	Typical Noise levels DB(A) 50 ft from source
Air Compressor	81
Compactor	82
Concrete Mixer	85
Concrete pump	82
Concrete vibrator	76
Jack Hammer	88
Paver	89
Pile driver	96-101
Pump	76
Shovel	82
Mobile Crane	83
Roller	74
Source : Transit Noise and Vibration Impact Assessment, Final report, 1995 by US Department of Transportation	

			But this will not cause any disturbance to the neighboring areas.
6.4	From blasting or piling	Yes	Noise and vibration from piling activities will be within norms.
6.5	From construction or operational traffic	Yes	During construction phase it will be ensured that vehicles must have valid Pollution Under Control (PUC) certificate for transportation of construction materials. The vehicles carrying construction materials will ply during non - peak hours. During operational phase the vehicles to be used by the residents will have PUC certificate. Traffic movement will be controlled by the security inside the premises and the average speed will be maintained at 10-15 km/hr..
6.6	From lighting or cooling systems	No	-
6.7	From any other sources	No	-

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

Sl. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	Yes	The construction materials to be handled, stored and used are mostly non hazardous types. The hazardous waste are mainly of centering oil, grease, water proofing compounds, paints, wood dust from treated wood, discarded lube oil etc. Special care will be taken to prevent spillage and health hazard. Discarded lube oil will be stored in HDPE container as per Hazardous Waste (Management, Handling and Trans boundary Movement) Rules 2016 and its subsequent amendments and finally sold to the authorized vendor of MoEF.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	The total wastewater generated from this project during operational phase is around 200 KLD. The wastewater will be collected through a well designed sewer network leading to STP. The proposed STP will be based on FAB technology. **Total Recycling : 200 KLD** (Landscaping : 21 KLD + HVAC: 85 KLD + Dual Flushing :

			94 KLD) Treated Waste Water Discharge to Drain : Zero discharge
7.3	By deposition of pollutants emitted to air into the land or into water	Yes	Nothing mention worthy pollutants will be emitted to air, which may cause dry/wet deposition on the land or water.
7.4	From any other sources	No	-
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	-

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment.

Sl. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	-
8.2	From any other causes	No	-
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	Yes	During design all precautions for disaster management will be considered as per NBC, IS codes and other statutory norms.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality.

Sl. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data

9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: •Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other	Yes	The internal road will be constructed by the project authority. The electricity will be supplied by CESC. Solid waste originating from constructional activities will be 711 MT. Construction waste will be used in the site and road preparation work. The total wastewater generated from this project during operational phase is around 200 KLD. The wastewater will be collected through a well designed sewer network leading to STP. The proposed STP will be based on FAB technology. **Total Recycling : 200 KLD** (Landscaping : 21 KLD + HVAC: 85 KLD + Dual Flushing : 94 KLD) Treated Waste Water Discharge to Drain: Zero discharge. Garbage will be segregated at source for biodegradable, recyclables and inert material during construction (132 kg/day) and operational phase (1670 kg/day) and finally disposed of by Kolkata Municipal Corporation as per MSW (M&H) Rules 2016. Temporary labor hut with temporary sanitation facilities.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	-
9.3	Set a precedent for later developments	No	-
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	Many building construction projects existed in close vicinity of the proposed project.

(III) Environmental Sensitivity

Sl. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Yes	Victoria-2.74 km
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Yes	Victoria-2.74 km
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Yes	Victoria-2.74 km
4	Inland, coastal, marine or underground waters	No	-
5	State, National boundaries	No	-
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Yes	Strand Road-0.11 km Netaji Subhas Road-0.12 km
7	Defense installations	Yes	Fort William- 2.77 km
8	Densely populated or built-up area	No	Boro bazaar-0.82 km
9	Areas occupied by sensitive man-made land uses *(hospitals, schools, places of worship, community facilities)*	Yes	Calcutta Girls' High School-1.11 km St. Anthony School-0.51 km Marwari Hindu Hospital-1.20 km Bisudhananda Hospital-1.02 km Shree Vishudhanand Hospital-1.05 km Ashram Bhiwani Malla Hospital-1.24 km Mayo Hospital-1.48 km Eden garden-1.49 km
10	Areas containing important, high quality or scarce resources *(ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)*	No	-
11	Areas already subjected to pollution or environmental damage. *(those where existing legal environmental standards are exceeded)*	No	-
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (*earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions*)	No	-

(IV). Proposed Terms of Reference for EIA studies

I hereby give the undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost.

Date :

Place : Kolkata

Mr. R.S. Khetan, (Director)
Bengal Bonded Warehouse Limited
Sagar Estate, 4th Floor
2, Clive ghat Road, Kolkata-700001

Note :

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z map duly demarcated by one of the authorized agencies, showing the project activities , w.r.t. C.R.Z (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z Notification, 1991 for the activities to be located in the CRZ.

2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of wild animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC).

3. All correspondence with the Ministry of Environment & Forest including submission of application for TOR/Environmental Clearance, subsequent clarification, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.