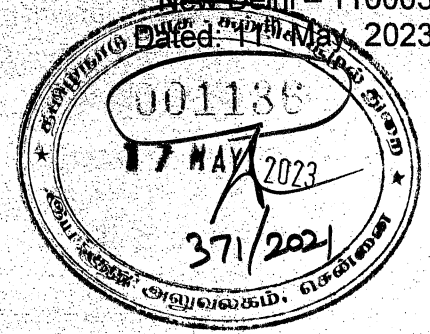


P1

**F. No. 11-20/2022-IA.III**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**IA-III Section (CRZ)**

Indira Paryavaran Bhawan  
 Jor Bagh Road,  
 New Delhi – 110003



To

The Superintending Engineer,  
 M/s Greater Chennai Corporation Chennai,  
 Ripon Building,  
 Chennai – 600003,  
 Tamil Nadu

Email: [seswd@chennaicorporation.gov.in](mailto:seswd@chennaicorporation.gov.in)  
[seswddg1@gmail.com](mailto:seswddg1@gmail.com)

**Subject: Proposal for Flood mitigation measures to extended areas of Greater Chennai Corporation by Construction of Integrated Storm Water Drains (ISWD) in Kosasthalaiyar Basin by M/s Greater Chennai Corporation Chennai, Tamil Nadu - CRZ Clearance regarding.**

Sir,

This has reference to your proposal No. No. IA/TN/CRZ/267713/2022 dated 31<sup>st</sup> May 2022 on the above mentioned project proposal for CRZ Clearance, in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for CRZ Clearance to the project for Flood mitigation measures to extended areas of Greater Chennai Corporation by Construction of Integrated Storm Water Drains (ISWD) in Kosasthalaiyar Basin by M/s Greater Chennai Corporation Chennai, Tamil Nadu.

3. The proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building / Construction and Miscellaneous projects, in its meeting held on 14<sup>th</sup> June, 2022, 10<sup>th</sup> October 2022 and 23<sup>rd</sup> March, 2023. The project proponent and their consultant made detailed presentation and informed as under:

- (i). The total length of storm water drainage network is 763.13 Km, and out of total 61.08 Km. in CRZ area and 702.05 Km. in Non CRZ area.
- (ii). Total pumping stations are 2 nos. and in CRZ area with 489.5 m<sup>2</sup> each. The Power require for operation will be sourced through TNEB. Power backup DG sets with capacity of 1 no. of 750 kVA and 1no. of 500KVA will be installed.
- (iii). The CRZ classification of project area in CRZ II, CRZ IB, CRZ IVA and CRZ IVB.

SI No.	Project Component	CRZ- Classification	Length / Area
1.	Storm Water Drains	CRZ – I B	0.357 Km.
		CRZ – II	59.059 Km.
		CRZ – IVA	0.451 Km.
		CRZ – IVB	1.210 Km.
2.	Pumping Station – I (S.F.No 618/G3, Thiruvottiyur Village, Thiruvottiyur Taluk, Chennai District)	CRZ – II	489.5 Sq.m.

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3.	Pumping Station – II (S.F.No 121 &122, Ernavoor Village, Thiruvottiyur Taluk, Chennai District)	CRZ – II	489.5 Sq.m.
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- (iv). The Storm Water Outfall Points are 118 Nos, out of which 32 Nos in CRZ area. The CRZ classification of outfall are as:

Sl. No.	Project Details in CRZ	Location	CRZ- Classification	Numbers
1.	Number of Outfall in CRZ Zone.	Buckingham Canal & Sea	CRZ – II	6 Nos
2.		Buckingham Canal, Kosasthalayar & Sea	CRZ – IB	3 Nos
3.		Sea	CRZ – IVA	9 Nos
4.		Buckingham Canal	CRZ – IVB	14 Nos
			<b>Grand Total</b>	<b>32 Nos</b>

- (v). The estimated cost of the project is ₹2518 crores (₹226.62 Crores in CRZ and ₹2291.38 crores in non-CRZ area)
- (vi). The Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) has recommended the proposal for CRZ clearance vide letter No. 693/EC.3/2022-1, dated 14/02/2022.

4. The Committee made detailed deliberation on the proposal. The Committee noted that the TNCZMA recommended the project and intimated that the activity is a permissible activity vide Para 3 (v) (b) and 8 (i) | CRZ-I (i)(b), however, project requires CRZ clearance as per Para 4 (ii) (d) of the CRZ Notification 2011. The Committee has been accepted the report of IIT, Madras and suggested that all recommendation should be implement by the PP. The Committee found the additional information submitted by the project proponent to be satisfactory.

The Committee after detailed deliberations, considering the submissions made by the project proponent and recommendations of the Tamil Nadu CZMA, recommended the proposal for CRZ Clearance.

5. Based on the recommendation of the Tamil Nadu Coastal Zone Management Authority and considering the submissions made by the project proponent, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendations of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the project for **Flood mitigation measures to extended areas of Greater Chennai Corporation by Construction of Integrated Storm Water Drains (ISWD) in Kosasthalaiyar Basin by M/s Greater Chennai Corporation Chennai, Tamil Nadu** under the provisions of the CRZ Notification, 2011 and amendments thereto, subject to the compliance of terms and conditions as under:-

#### **PART A – SPECIFIC CONDITIONS:**

- (i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011, as amended from time to time.
- (ii). All exit points into the rivers and creeks should be monitored for its performance after completion of the project and report should submit IRO.
- (iii). The recommendations of IIT, Madras in its report should be complied and submit the compliance report to IRO.
- (iv). Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.

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- (v). No groundwater shall be extracted within CRZ area to meet water requirements during the construction and / or operational phase of the project.
- (vi). All the conditions stipulated by the Tamil Nadu Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* its Letter No. 693/EC.3/2022-1, dated 14/02/2022 and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.
- (vii). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

#### **PART B - GENERAL CONDITIONS:**

- (i). Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.
- (ii). 'Consent to Establish' and /or 'Consent to Operate' shall be obtained from State Pollution Control Board under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and / or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
- (iii). Disposal of muck during construction phase should not create any adverse effect on the neighbouring 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.
- (iv). All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central / State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea / coastal water bodies. It shall be ensured that the wastewater generated is treated in the STP as committed by the project proponent. The treated waste water shall be reused for landscaping, flushing and / or HVAC cooling purposes etc. within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.
- (v). 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.
- (vi). A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Zone Management Authority/State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office/ Tehsildar's office for 30 days.
- (vii). A six-monthly monitoring report shall need to be submitted by the project proponent to the concerned Regional Office of this Ministry regarding the implementation of the stipulated conditions.
- (viii). The Ministry of Environment, Forest & Climate Change or any other Competent Authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (ix). Full co-operation shall be extended to the officials from the Regional Office of MoEF&CC, during monitoring of implementation of environmental safeguards stipulated. It shall be ensured that documents/data sought pertinent is made available to the monitoring team. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned Regional Office of MoEF&CC.
- (x). In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.

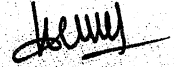
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- (xi). The Ministry reserves the right to add additional safeguard measures subsequently, if considered necessary, and to take action to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner, including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, for non-compliance.
- (xii). All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponent from the respective Competent Authorities.
- (xiii). The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <https://parivesh.nic.in/>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the concerned Regional Office of this Ministry.
- (xiv). A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xv). The proponent shall upload the status of compliance of the stipulated 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&CC, the respective Zonal Office of CPCB and the SPCB.
- (xvi). The environmental statement for each financial year ending 31<sup>st</sup> 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 project proponent along with the status of compliance of clearance conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.
6. This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
7. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the CRZ clearance, if implementation of any of the above conditions is not found satisfactory.
8. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
9. Any appeal against this CRZ clearance 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.
10. 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.

11. This issues with approval of the Competent Authority.



(Dr. H. Kharkwal)  
Scientist 'E' (CRZ)

**Copy to:**

1. The Principal Secretary, Department of Environment and Climate Change, Government of Tamil Nadu, No.1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai-600015, Tamil Nadu.
2. The Deputy DGF (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, I<sup>st</sup> and II<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam Chennai – 600034, Tamil Nadu.
3. The Member Secretary, Tamil Nadu Coastal Zone Management Authority, Department of Environment, Government of Tamil Nadu, Ground Floor, Panagal Building, Saidapet, Chennai-600015, Tamil Nadu.
4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032
5. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai – 600032, Tamil Nadu.
6. Guard File / Monitoring File / Website / Record File



(Dr. H. Kharkwal)  
Scientist 'E' (CRZ)

