

CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

(CIN - U99999 MH 1970 SGC - 014574)

REGD. OFFICE:

"NIRMAL", 2nd Floor, Nariman Point,

Mumbai - 400 021.

PHONE: 00-91-22-6650 0900

FAX : 00-91-22-2202 2509

HEAD OFFICE:

CIDCO Bhavan, CBD Belapur, Navi Mumbai - 400 614. PHONE: 00-91-22-6791 8100

FAX : 00-91-22-6791 8166

Date: 1st June 2022

Ref. No. CIDCO/SE (HSG-I & NT)/2022/

To, The Additional Director(s), Regional Office (WCZ), Ministry of Environment, Forest & Climate Change, Ground floor, East Wing, New Secretariate Building, Civil Lines, Nagpur – 440001, Maharashtra

Sub: Submission of Environmental Clearance six monthly compliance for PMAY Housing project at Plot No. 01 of Sector-28 adjacent to Khandeshwar Railway Station, Kamothe Node, Taluka-Panvel & District – Raigad, by CIDCO.

Ref: EC granted letter no. SIA/MH/MIS/50993/2019 granted date – 08.07.2020

Respected Sir,

With reference to the above subject, we are submitting the current status of our construction work, monitoring reports, data sheet and point wise environmental clearance compliance status to various stipulations laid down by the Ministry of Environment and Forest in its EC granted letter no. SIA/MH/MIS/50993/2019 granted date - 08.07.2020 for period December 2021 to May 2022, along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

Superintending Engineer (HSG-I & NT) CIDCO Ltd., 6th Floor, CIDCO Bhavan, CBD Belapur – 400 614. (Project Proponent)



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To,

The Member Secretary SEIAA, Environment Department, Room No.217, 2 nd floor, Mantralay, Annexe Mumbai 400032

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Ref. No.

CIDCO/SE (HSG-I & NT)/2022/

Date: 1st June 2022

To,

The Regional Officer Maharashtra Pollution Control Board, Raigad Bhavan, 7th floor, Sector-11, C.B.D Belapur, Navi Mumbai

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SIX MONTHLY COMPLIANCE REPORT

For

Period December 2021 to May 2022

Submission of Environmental Clearance six monthly compliance for PMAY construction project at Plot no. 1, sector 28, near Khandeshwar railway station, Kamothe node, Taluka- Panvel, District- Raigad, Maharashtra by CIDCO

Submitted by-

Superintending Engineer (Hsg-I)

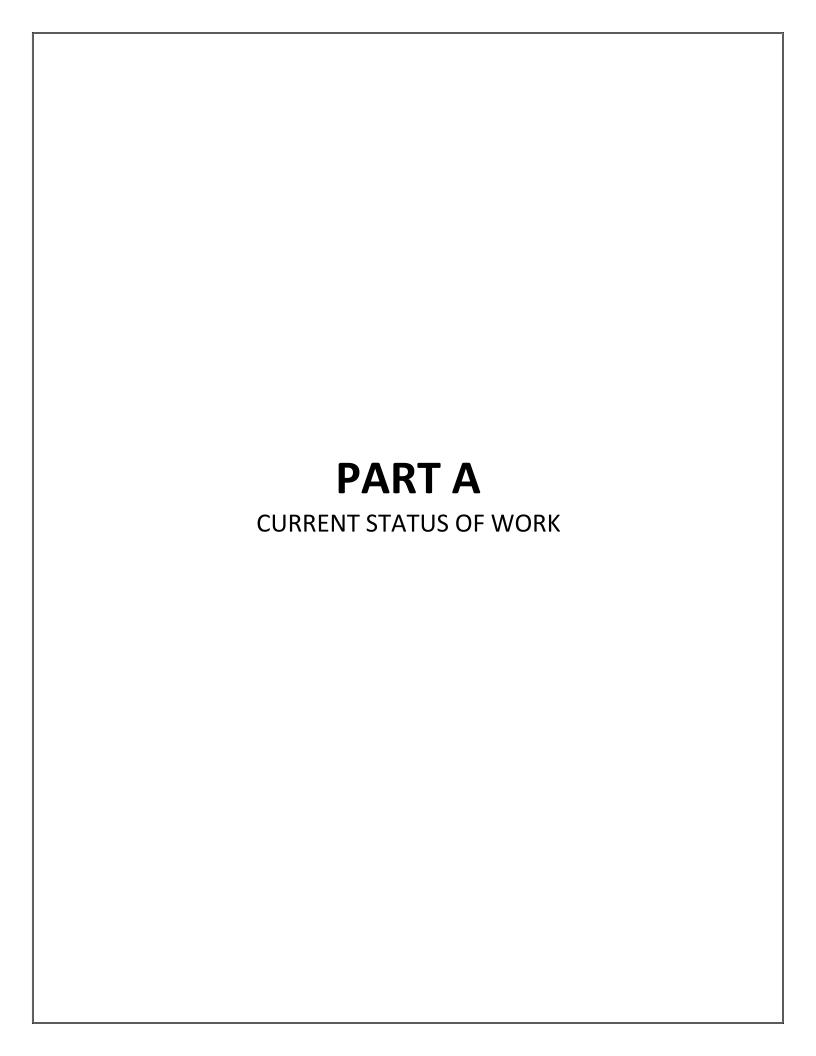
CIDCO of Maharashtra Ltd,

6th Floor, CIDCO Bhavan,

CDB Belapur, Navi Mumbai- 400614

June 2022

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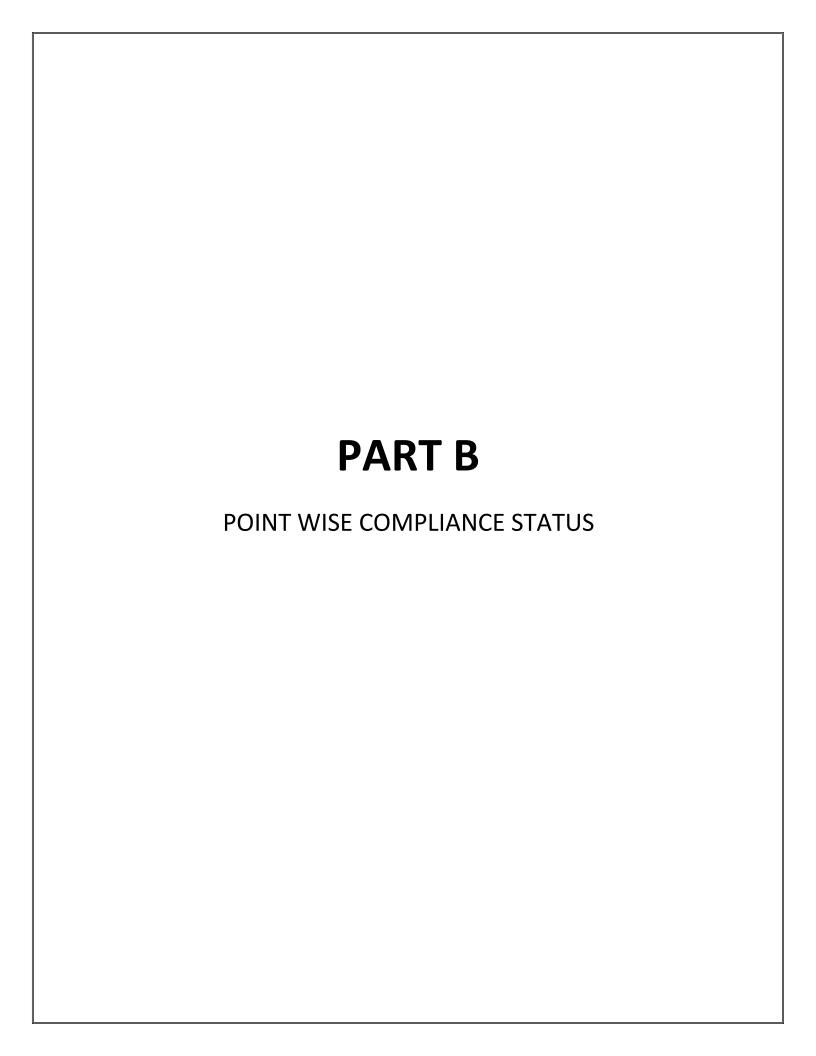


CURRENT STATUS OF WORK – December 2021 to May 2022

Current Status of the project: PMAY construction project at Plot No. 1, sector 28, adjoining Khandeshwar railway station, Kamothe node, Taluka- Panvel, District- Raigad, Maharashtra.

Sr.	No. of Buildings	Status of Building	Status of the
NO.			Management facilities
No.	15 Nos. of Buildings EWS - B Type Ground + 11 Floor Each	EWS_B_01: No work due to shortage of resources. EWS_B_03: No work due to shortage of resources. EWS_B_04: 1) Excavation completed. 2) Footing completed. 3) Stub column completed. EWS_B_05: 1) Footing completed. 2) Stub column completed. 3) Backfilling up to PB work in progress. EWS_B_06: 1) Excavation completed. 2) Footing completed. 3) Stub column work in progress.	Environmental Management facilities
		EWS_B_07: 1) GF column completed. 2) 1 st floor slab completed. EWS_B_08: 1) GF column completed. 2) 1 st floor slab completed.	
		 3) 2nd floor slab work in progress. EWS_B_09: 1) 2nd to 10th floor slab completed. 2) 11th floor slab work in progress. 	
		EWS_B_10: 1) Excavation work completed. 2) Pile chipping completed. 3) Eccentricity & Integrity checking completed.	
		EWS_B_11: No work due to shortage of resources. EWS_B_12: 1) Plinth beam completed. 2) GF column completed. 3) 1st to 3rd floor slab completed. 4) 4th floor slab work in progress.	
		EWS_B_13: 1) Backfilling work in progress.	

Sr. No.	No. of Buildings	Status of Building	Status of the Environmental Management facilities
		 2) GF column completed. 3) 1st to 2nd floor slab completed. 4) 3rd floor slab work in progress. 	
		 EWS_B_14: Backfilling work in progress. Plinth beam completed. GF column completed. 1st floor slab completed. 2nd floor slab work in progress. 	
		EWS_B_16: 1) Backfilling work in progress. 2) Plith beam completed. 3) GF Column completed. 4) 1st floor slab work in progress.	
		EWS_B_17: No work due to shortage of resources.	
02	2 Nos. of Buildings	EWS_C_02: Work yet not started.	
	EWS - C Type Ground + 11 Floor Each	EWS_C_15: 1) Excavation for Open Foundation completed. 2) Footing completed. 3) Stub column completed. 4) Plinth beam completed. 5) GF column work in progress.	
03	Multi-Level Car Parking Ground + 06 Floor	 Excavation work in progress. PCC for footing work in progress Footing work in progress. Rock anchoring work in progress Backfilling work in progress. 	



PART-B

Pointwise compliance status to various stipulations laid down by the ministry in its environment clearance letter No. SIA/MH/MIS/50993/2019, dated: 08.07.2020.

Sr. No.	Condition	Status
Specific	Conditions:	
i.	PP to ensure that STP to be kept open	Noted & will be adhered.
	minimum up to 40%.	
ii.	PP to adopt following segregation &	Noted & will be adhered.
	treatment method for the sewage generated	
	from the residential complex.	
	a. Grey water: - The waste water	
	emanating from bathroom, kitchen	
	sinks, wash basins, showers, dish	
	washers should be collected	
	separately and treated on site	
	suitably to a level for reuse for	
	flushing of toilets in apartment	
	buildings and gardening.	
	b. Black Water:- The waste water	
	remaining from Flushing of toilets	
	shall be collected separately and	
	conveyed through sewer to the	
	nodal STP for treatment and reuse	
	for central garden, Golf course etc.	
iii.	PP to adopt water conservation measures	We will provide Low Flow Devices (LFD) in
	by providing Low Flow Devices (LFD) as	plumbing fixtures to adoption of water
	plumbing fixtures.	conservation.
iv.	PP to ensure that the energy savings from	Noted & will be adhered.
	renewable sources shall be minimum 5.17%	
V.	No Occupation Certificate (OC) to be	Noted & will be adhered.
	granted to the project unless the proposed	
	Nodal STP at Kharghar is commissioned	
	and put into Operation.	
vi.	PP to obtain CRZ clearance from MCZMA	Not Applicable.
	and comply all the conditions stipulated	
vii.	PP to follow DCR Regulations while	Noted & will be adhered.
	developing the plot. The answers submitted	
	to the queries. raised by local people are	
	self-Explanatory	
viii.	PP to abide all conditions of NOCs granted	Noted & will be adhered.
	by the different authorities.	
ix.	The PP to get NOC from competent	Not Applicable.
	authority with reference to Thane creek	
	flamingo sanctuary since the project site	
	falls within 10 Km radius from the said	
	sanctuary boundary. The planning authority	

Sr. No.	Condition	Status
	to ensure fulfilment of this condition before	
	granting Commencement Certificates.	
X.	PP to submit CER prescribed by MoEF &	Noted and will be adhered.
	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	
xi.	PP to ensure that CER plan gets approved	Noted and will be adhered.
	from Municipal Commissioner.	Noted & CER plan has been sent to
		Collector, Raigad 21.07.2020 & attached in
		Annexure-1
xii.	PP Shall comply with Standard EC	Noted & as per the Tree NOC at
	conditions mentioned in the Office	Annexure- 2.
	Memorandum issued by MoEF& CC vide	
	F.No.22-34/2018-IA.III dt.04.01.2019.	
xiii.	SEIAA decided to grant EC for - FSI:	Noted.
	49986.84m ² , Non-FSI: 1,02,287.84m ² and	
	Total BUA: 1,52,274.68m ² (Plan Approval	
	No- CIDCO/SR.ARCH.(BP-IHP)/2019/356	
	dated 08.08.2019)	
_	Conditions:	
i.	E-waste shall be disposed through	Noted & will be adhered.
	Authorized vendor as per E-waste	
	(Management and Handling) Rules, 2016.	
ii.	The Occupancy certificate shall be issued	Noted & will be adhered.
	by the Local Planning Authority to the	
	project only after ensuring sustained	
	availability of drinking water and	
	connectivity of the sewer line to the project	
	site and proper disposal of treated water as	
•••	per environment norms.	This DMAY Housing site is leasted suitable
iii.	This environmental clearance is issued	This PMAY Housing site is located outside
	subject to obtaining NOC from Forestry &	the boundary of environmentally sensitive
	Wildlife angle including clearance from the	area. Hence not Applicable.
	standing committee of the National Board for Wildlife as if applicable & this	
	• •	
	environment clearance does not	
	necessarily implies that Forestry & Wild life	
	clearance granted to the project which will	
iv.	be considered separately on merit.	We observe strict compliance of conditions
iv.	PP has to abide by the conditions stipulated	We observe strict compliance of conditions
	by SEAC & SEIAA.	stipulated by SEAC & SEIAA.
V.	The height, Construction built up area of	Noted and adhered.
	proposed construction shall be in	
	accordance with the existing FSI/FAR	

Sr. No.	Condition	Status
	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"	Noted. We have obtained consent to
	shall be obtained from Maharashtra	Establish vide No. Format 1.0/CAC
	Pollution Control Board under Air and Water	CELL/UAN No. 0000098569 /CE -
	Act and a copy shall be submitted to the	2102000396, Dated on 05.02.2021.
	Environment department before start of any	Attached in Enclosure - III
	construction work at the site.	
vii.	All required sanitary and hygienic measures	Yes noted. We have provided sanitary and
	should be in place before starting	hygienic measures on the project site before
	construction activities and to be maintained	starting the construction activity.
	throughout the construction phase.	Attached in Annexure- 3
viii.	Adequate drinking water and sanitary	Drinking water is made available through
	facilities should be provided for	Local authority for construction workers.
	Construction workers at the site. Provision	Solid waste generated and disposed of
	should be made for mobile toilets. The safe	through local authority garbage collection
	disposal of wastewater and solid wastes	vehicle.
	generated during the construction phase	Attached in Annexure - 4
	should be ensured.	
ix.	The solid waste generated should be	Noted & will be adhered.
	properly collected and segregated. dry/ inert	
	solid waste should be disposed of to the	
	approved sites for land filling after	
	recovering recyclable material.	
X.	Disposal of muck during construction phase	Noted & will be adhered.
	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.	
xi.	Arrangement shall be made that waste	We will take care and make arrangements
	water and storm water do not get mixed.	for the same.
xii.	All the topsoil excavated during construction	Noted & will be adhered.
	activities should be stored for use in	
	horticulture / landscape development within	
	the project site.	
xiii.	Additional soil for levelling of the proposed	Noted and will be adhered.
, , , , ,	site shall be generated within the sites (to	
	the extent possible) so that natural drainage	
	the extent possible) so that hatural drainage	

Sr. No.	Condition	Status
	system of the area is protected and	
	improved.	
xiv.	Green Belt Development shall be carried	We will follow the CPCB norms for Green
	out considering CPCB guidelines including	Belt Development.
	selection of plant species and in	·
	consultation with the local DFO/ Agriculture	
	Dept.	
XV.	Soil and ground water samples will be	Complied. Analysis report is attached as
	tested to ascertain that there is no threat to	Annexure-4
	ground water quality by leaching of heavy	
	metals and other toxic contaminants.	
xvi.	Construction spoils, including bituminous	The Construction spoils are stored
λν	material and other hazardous materials	separately. No hazardous materials at site.
	must not be allowed to contaminate	osparatoly: 110 mazarasus materials at site.
	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	No hazardous waste at site.
Ανιι.	construction phase should be disposed off	No nazardous waste at site.
	as per applicable rules and norms with	
	necessary approvals of the Maharashtra	
	Pollution Control Board.	
xviii.	The diesel generator sets to be used during	Good quality DG set are installed on
XVIII.		. ,
	construction phase should be low sulphur	construction site confirming to Environment
	diesel type and should conform to	(Protection) rules prescribed for air and
	Environments (Protection) Rules prescribed for air and noise emission standards.	noise emission standards.
		Natadagad will be adhered
xix.	The diesel required for operating DG sets	Noted and will be adhered.
	shall he stored in underground tanks and if	
	required, clearance from concern authority	
	shall be taken.	T. 1: 1 1: 1 6 11 6 11 6 11 6 11 6 11 6 1
XX.	Vehicles hired for bringing construction	The hired vehicle for the transportation of
	material to the site should be in good	material are in good condition and have a
	condition. and should have a pollution check	pollution check certificate and conforms to
	certificate and should conform to applicable	applicable air and noise emission standards
	air and noise emission standards and	and are operated only during non-peak
	should be operated only during non-peak	hours.
	hours.	
xxi.	Ambient noise levels should conform to	The noise level as well as air pollution is
	residential standards both during day and	monitored regularly from MoEF/NABL
	night. Incremental pollution loads on the	recognized laboratory. Air & noise
	ambient air and noise quality should be	monitoring reports are attached in
	closely monitored during construction	Annexure- 4.
	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.	

Sr. No.	Condition	Status
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	Noted and fly ash is being used in concrete work.
	Thermal Power Stations)	
xxiii.	Ready mixed concrete must be used in building construction.	Noted and will be adhered. Dedicated ready mixed concrete batching plant is established for the project
xxiv.	Storm water control and its re-use as per CGWB and BIS standards for various applications	Noted and will be adhered.
XXV.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	We are using premixed concrete to reduce the use of water
xxvi.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	No ground water is being used for construction.
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. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	As per EC condition, the sewer line of the project will be connected to nodal sewer network which is connected to Nodal STP of CIDCO at Kamothe Node.
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.	We do not use ground water for any construction or drinking purposes. There is no basement construction.
XXIX.	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water	Yes. We have proposed dual plumbing line for separation of grey 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.	Low Flow water efficient fixtures will be used.
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.	Noted and will be adhered

Sr. No.	Condition	Status
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Noted and will be adhered
XXXIII.	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should he integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of /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.	Noted. The energy conservation measures of the project are in confirmation of the ECBC-2006 and NBC 2005.
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.	Noted and will be adhered.
XXXV.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels lo comply with the prevalent regulations.	The noise level as well as air pollution is monitored regularly from MoEF/NABL recognized laboratory. Air & noise monitoring reports are enclosed.
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.	There is no traffic congestion near the entry and exit points from the roads. Parking is fully internalized and no public space is being 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	Noted and adhered

Sr. No.	Condition	Status
	it is aspiration for non-air-conditioned spaces	
	by use of appropriate thermal insulation	
	material to fulfil requirement	
XXXVIII.	The building should have adequate distance	
	between them to allow movement of fresh air	Noted and adhered
	and passage of natural light, air and ventilation	
XXXIX.	Regular supervision of the above and other	
	measures for monitoring should be in place all	It is being followed.
	through the construction phase, so as to avoid	it is being followed.
	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	We have obtained environment clearance &
	found that construction of the project has been	copy is attached in Enclosure- II.
	started without obtaining environmental	
	clearance.	
XLI.	Six monthly monitoring reports should be	Complied. EC compliance report enclosed
	submitted to the Regional office MoEF, Bhopal	herewith.
	with copy to this department and MPCB.	nerewith.
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	Allotment/occupation will be given after
	treated water in the adjacent area for	installation of environment infrastructure &
	gardening before discharging it into sewer line	certification from appropriate authority.
	No physical occupation or allotment will be	appropriate authority.
	given unless all above said environmental	
	infrastructure is installed and made functional	
	including water requirement.	
XLIII.	Wet garbage should be treated by Organic	
	Waste Converter and treated waste (manure)	Yes, we have proposed Organic Waste
	should be utilized in the existing premises for	Converter for composting of wet garbage. The
	gardening. And, no wet garbage will be	treated waste (manure) will be utilized in the
	disposed outside the premises. Local authority	existing premises for gardening.
	should ensure this	
XLIV.	Local body should ensure that no occupation	As per EC condition, the sewer line of the project
	certification is issued prior to operation of	will be connected to nodal sewer network which
	STP/MSW site etc. with due permission of	is connected to Nodal STP of CIDCO at Kamothe
	MPCB	Node
XLV.	A complete set of all the documents submitted	
	to Department should be forwarded to the	Noted and will be adhered.
	Local authority and MPCB	

Sr. No.	Condition	Status
XLVI.	In the case of any change(s) in the scope of the	
	project, the project would require a fresh	Noted and will be adhered.
	appraisal by tins Department.	
XLVII.	A separate environment management cell with	
	qualified staff shall be set up for	
	implementation of the stipulated	Noted & will be adhered.
	environmental safeguards.	
XLVIII.	Separate funds shall be allocated for	
	implementation of environmental protection	
	measures/EMP along with item-wise breaks-up.	Separate funds are allocated for
	This cost shall be included as part of the project	implementation of EMP during construction
	cost. The funds earmarked for the environment	phase and Operation phase. Find attached EMP
	protection measures shall not be diverted for	report in Part-II
	other purposes.	
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	Noted & adhered. Attached in Annexure-5
	environmental clearance and copies of	Trotted & duniered ritted near in runnexare 5
	clearance letter are available with the	
	Maharashtra Pollution Control Board and may	
	also be seen at Website at	
	http://parivesh.nic.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 &	Complied.
	this department, on 1st June & 1st December of	
	each calendar year	
LI.	A copy of the clearance letter shall be sent by	
LI.	proponent to the concerned Municipal	
	Corporation and the local NGO, if any, from	
	whom suggestions/representations, if any,	Complied Attached in Appayure 6
	were received while processing the proposal.	Complied. Attached in Annexure 6
	The clearance letter shall also be put on the	
	website of the Company by the proponent	
111		
LII.	The proponent shall upload the status of	
	compliance of the stipulated EC conditions,	
	including results of monitored data on their	Noted & will be adhered. Environment
	website and shall update the same periodically.	monitoring report is Attached in Annexure-4
	It shall simultaneously be sent to the Regional	
	Office of MoEF, the respective Zonal Office of	
	CPCB and the SPCB. The criteria pollutant levels	

Sr. No.	Condition	Status
	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	Complied. EC compliance report enclosed herewith.
	by e-mail) to the respective Regional Office of	nerewith.
	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	Noted and will be complied.
	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.	

PART C

ENCLOSURE NO.	ENCLOSURES
Enclosure 1	Data Sheet in Format with Part-I, Part-II
Enclosure 2	Environmental Clearance Copy
Enclosure 3	A copy of Consent to Establish

Ministry of Environment & Forest Western Region, Regional Office, Nagpur.

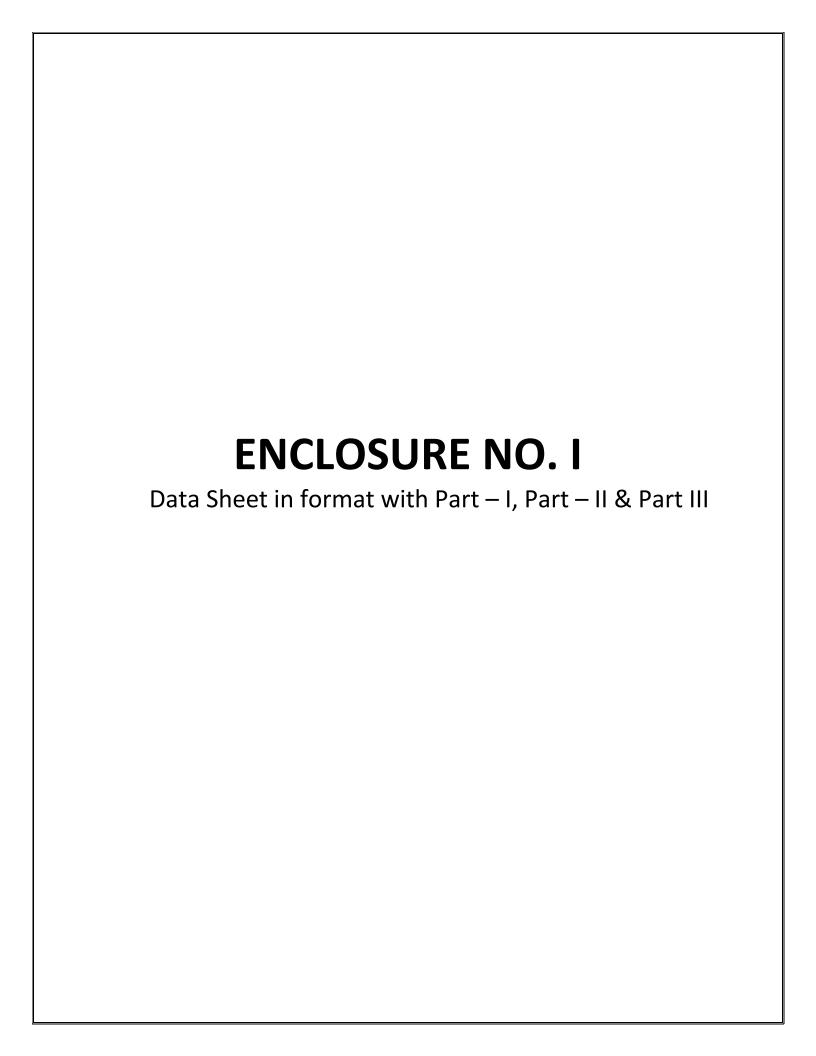
PART - I

DATA SHEET

1.	Project t	ype: River - valley/ Mining /	:	"Proposed PMAY Housing Project"	
	Industry / Thermal / Nuclear / Other		•	Troposed First Housing Project	
	(specify)	, merman , mercan , concr			
2.	Name of the project		:	"Proposed PMAY Housing Project"	
3.	Clearance letter (s) / OM No. and Date		:	Environmental clearance has been	
				obtained from the MoEF as vide their	
				ref. SIA/MH/MIS/50993/2019, dated	
				8th July 2020.	
4.	Location		:	, ,	
	a.	District (S)	:	Raigad	
	b.	State (s)	••	Maharashtra	
	c.	Latitude/ Longitude	:	19° 3'36.35"N	
				73° 1'4.82" E	
5.	Address f	or correspondence			
	a.	Address of Concerned Project	:	CIDCO Ltd. Of Maharaashtra	
		Chief Engineer (with pin code &		Plot no. 1 of sector 28, Near	
		Telephone / telex / fax		Kandeshwar Railway station, Kamothe	
		numbers		Node, Taluka- Panvel, District- Raigad	
6.	Salient fe	atures			
	a.	of the project	:	PART -I	
	b.	of the environmental	:	PART –II	
		management plans			
7.	Breakup	of the project area	:	Total Plot area-44,716.51 sq. m	
				Built up area- 1,52,274.68 Sq. m	
	a.	submergence area forest &	:	Not applicable. Since the proposal	
		non-forest		under reference is in developing part of	
				the CIDCO	
	b.	Others	:	NA	
8.	Break-up	1 /	:	There is no displacement of population	
	Population with enumeration of Those			due to project hence not applicable.	
	losing houses / dwelling units Only				
	agricultural land only, both Dwelling units				
	& agricultural Land & landless				
	labourers	•			
	a.	SC, ST/Adivasis	:	Not Applicable	

	b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)	:	Not Applicable
9.	Financial		:	subsequent veries destinates and the
	a.	year of price reference :	ı and	subsequent revised estimates and the
	1.	Total Cost of the Project	:	Rs. 381.28 Crores only
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	Construction Phase: Set up Cost: 84.34 Lacs, Operation Phase: Set up Cost: 239.47 Lacs, 0 & M Cost: 12.12 Lacs/annum
	C.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	Not Applicable.
	d.	Whether (c) includes the cost of environmental management as shown in the above.	:	Yes
	e.	Actual expenditure incurred on the project so far	:	-
	f.	Actual expenditure incurred on the environmental management plans so far.		Not Applicable
10	Forest lan	nd requirement	:	Not Applicable
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	C.	The status of compensatory afforestation, it any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far		Not Applicable
11		us of clear felling in Non-forest		Not Applicable
•	areas (s	uch as submergence area of		

	reservoir,			
12	Status of construction			Part A
	a. Date of commencement (Actual and/or planned)		:	July 2020
	b.	Date of completion (Actual and/or planned)	:	December 2026
13	Reasons f	or the delay if the Project is yet	:	Not applicable since project activity
	to start			is in progress
14	Dates of site visits			
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	Not yet visited.
	b.	Date of site visit for this monitoring report	:	-
	authoritie plans/info complianc	8	:	Not Applicable



<u>PART I</u>

PROJECT DETAILS

Nama & Lacation	Ι.	"Dranged DMAY Housing Draiget" at Diet as 4 of
Name & Location	:	"Proposed PMAY Housing Project" at Plot no. 1 of
		sector 28, Near Kandeshwar Railway station, Kamothe
		Node, Taluka- Panvel, District- Raigad
Total no. Of workers to be employed	:	Peak : 250 Nos.
during the construction phase.		Average: 50 Nos.
Total Project cost	:	Rs. 381.28 Cr only.
Project infrastructure	:	"Proposed PMAY Housing Project"
	:	Total Plot area- 44,716.51 sq. m
		Built up area- 1,52,274.68 Sq. m
Water Requirement and Sources	:	During Construction Phase -
		From Tankers /Municipal Council water : 50 m3/day
		(depending upon the activity)
		During Operational Phase -
		From Local authority water: 848.00 m ³ / day
Sewage generated	:	Building: 705 KLD
Power	:	During Construction Phase -
		1. From MSEDCL: 125 KW
		Operational Phase -
		From MSEDCL connected load : 4934 KW
		4.D.G Set of Capacity: 100 KVA & 5 X160 KVA, 2 X 70
		KVA
Gaseous emissions	:	Pollutants like SPM, SO2 may arise from emissions
		from DG Sets will be connected to an appropriately
		designed vent.
Solid waste from :	:	
Operation Phase		Residential &Commercial
1. Dry		1614 kg /day.
2. Wet		1076 kg/day
		<u> </u>

PART II

ENVIRONMENT MANGEMENTPLAN

M/s. CIDCO proposes to establish residential Building. Proposal PMAY Housing Building project of Residential Building project is coming up in Plot no. 1, Sector 28, near Khandeshwar railway station, Kamothe node, Taluka: Panvel, District: Raigad, State: Maharashtra

The issues likely to develop at various stages of the project e.g. preconstruction, construction & operation could be addressed by preparing a compatible environmental management plan (EMP) & its effective implementation. During study it is to be considered all the environmental attributes such as air, water, noise solid waste & socio-economic aspects etc.

The main aim of environment management plan is to conserve the resources minimize the waste generation, treatment of waste & recycling of material.

Also incorporates vegetation & landscapes of open area & also the post project quality monitoring.

Environmental management plan (EMP) is aimed at mitigating the possible adverse impact of a project & for ensuring to maintain the existing environmental quality. The EMP converses all aspects of planning, construction & operation of the projects, which are relevant to environment. It is essential to implement the EMP right from the planning stage and then continuing it throughout the construction & operations stage. Therefore, the main objective of the EMP is to identify the projects specific activities that would have to be considered for investigation of the significant adverse impacts & the mitigation measures required.

During study of the environmental attributes, it was seen that all the aspects would be considered to promote the better development in case of future aspects of projects as well as environmental aspects.

1. Water Management:

Sewage Treatment

Objective of Sewage treatment should be

- Total Sewage will be discharged into Existing Nodal STP of 85 MLD capacity at Kamothe for treatment
- To treat sewage so that it can be re-used for toilet flushing/gardening.
- Balance water should be let out to Municipal sewer drain line.
- Treated sewage should be a reused the maximum extent for toilet flushing.

• The excess treated water should be let out to the nearest corporation sewer line along with road.

Description of treatment facility

The nature's way of handling wastewater and is based on Ecological Engineering. The typical sewage treatment envisaged for the construction of STP looking over all the Aspects of reliability & techno economic feasibility study for the proposed building unit will be Moving Bed Bio Reactor. The wastewater is processed by this ecosystem which converts the impurities trapped in the biofilters into stable components followed by a polishing tertiary treatment. The final treated water meets the pollution board norms & can be reused for gardening / irrigation / construction / toilet flushing, etc.

Features of the design:

Capacity of the plants: 705 KLD will be discharged into existing Nodal STP of 85 MLD Capacity at Kamothe for treatment.

Treated effluent quality: Treated effluent meets the most stringent of the standards Compact and Elegant: The system elegantly designed with the particular emphasis on compactness, aesthetics and ergonomics.

Parameters	Unit	Inlet Water Quality	Treated water quality
pН	NA	6.0-8.5	5.5-9.0
Oil & Grease	mg/l	10-20	<10
BOD	mg/l	200-500	<10
COD	mg/l	350-450	<60
TSS	mg/l	150-200	<10
Nitrate	mg/l	15-16	<10
Dissolved PO ₄	mg/l	13-15	<5
Fecal Coliform	MPN/100L	Nil	Nil
Total Nitrogen	mg/l	120	<50

Odor free Environment: The system designs ensures and odor free environment unlike competing systems.

Residuals:

Excess sludge from the biological treatment process is dewatered in filter place. This is preferred to other sludge drying methods for the following reasons:

- Saves 80 90% on electricity
- Easy to operate only gardener level operator required
- Hence, saves 80 90% on O & M cost

[about Rs. 3-5/- per cu.m.]

- Payback within 4 − 5 years!
- No problem of flow fluctuations in holidays / vacations
- No secondary sludge
- Resembles a beautiful garden!

Environmental Impacts and Life Cycle Assessment

- Positive environmental impacts.
- Use of a treated water for toilet flushing and the resulting water conservation
- As the operation is essentially soundless, no adverse noise impacts will be created

B) Rain water harvesting:

Rainwater Harvesting facilities will be created at the project site in the form of aquifer recharge. However, water requirement for the project will not be met from groundwater.

Such rainwater harvesting system should have two-fold objective:

- 1) To utilize rain water available on the plot in direct way or indirect way to reduce the load on water supply system.
- 2) To minimize the strom water drainage load to avoid water logging locally as well as on larger scale.

Percolation Pits not provided - 03 no. of Tanks Having total capacity is 320 KL

AIR POLLUTION CONTROLE

DURING CONSTRUCTION PHASE:

The project will contribute in higher dust level during construction phase. The concrete will be made from outside source of Ready-Mix Plant. The debris and utilized construction material and earth from the construction site shall be removed immediately to recycle within the project so that no nuisance dust is generated due to wind. Construction activities shall not be allowed at night.

The site being influence by winds would result in quick dispersal of the pollutants and thereby the impacts due to NOx and SO2 emissions during the construction will be negligible. Therefore, considering all the air pollutants, it is not expected that air emission due to construction will exceed air quality standards (NAAQS)

Precautions, which would be taken to reduce dust generation during construction phase, are mentioned as follows:

- ➤ Concrete supplied from an outside source involves trucks carrying cement, gravel, sand travelling to site and may cause dust emission thus ready-mix concrete carried in enclosed container will be used as it is better option compared to onsite batch mixing. The operations shall be carried out in a temporary enclosed shed and workers shall be provided with protection masks.
- ➤ Dust covers will be provided on trucks that would be used for transportation of materials prone to fugitive dust emissions.
- ➤ Water sprinkling on ground and new construction will be done at regular intervals to avoid dust generation.
- ➤ Mitigation measures shall include regular maintenance of machinery and provision of proposal protective equipment's to workers where needed.
- ➤ Proper upkeep and maintenance of vehicle, sprinkling of water on roads and construction site and providing sufficient vegetation all around the plant site are some of the measures that would reduce the impact during construction phase.

AFTER COMPLETION

The proposed project will not have any direct impact on air environment after completion. To ease the traffic congestion project proponent will provide well organized parking arrangement.

The vehicles employed by the developers shall be checked by vehicular emissions. The developers shall also impress upon the service agencies to get vehicles regularly checked for vehicular emissions.

During operational phase, two numbers of D.G. sets will be provided only in case of power failure of water pumps, fire pumps/ fire-fighting system, stretcher lifts, partial lighting in common lobbies/stairs, partial lighting in stilts/podium access roads etc. DG sets will be complying with CPCB norms for air pollutants.

Emission during construction and operation will be as per the desirable limits of CPCB standards.

NOISE POLLUTION CONTROL

Construction Phase:

During construction phase, source of noise pollution will be due to operation of machinery Earthmoving Machinery Mini Hoist Crane, Hoist Crane, Concrete mini mixer, Weight batcher etc. as well as transportation of vehicles. This will cause nuisance to the occupants of the nearby area. The project proponent has agreed to take precaution to control noise pollution as mentioned under:

- Use of equipment generating noise of not greater than 90 dB (A).
- High noise generating construction activities would be carried out only during daytime.
- Installation, use and maintenance of mufflers on equipment.
- Workers working near high noise construction machinery would be supplied with ear muffs/ear plugs.

Operation phase:

The proposed project being PMAY building, the source of noise is vehicular noise only. The project proponents have proposed to provide adequate parking arrangement, which would help in reducing noise levels due to vehicular movement in the parking area.

The project proponents have proposed wall and rows of trees, which would act as noise buffer and will reduce the noise level within site.

Canopies will be provided to the mechanical devices to reduce noise and vibration. There will not be any considerable impact on the ambient air quality around the project site as CPCB approved DG sets along with acoustic room will be developed and plantations will be provided.

SOLID WASTE MANAGEMENT

CONSTRUCTION PHASES:

Solid waste would be generated mainly due to excavation in the form of rubble and soil. This soil and rubble would be used for development of landscape within the projects site. The Biodegradable and non-biodegradable soil waste which will granted from labors will be sent to Municipal waste bins working within site.

OPERATION PHASE:

Solid waste will be generated in the campus is domestic type having source separated dry and wet components. As far as possible the dry waste like paper, cardboard boxes, thermocol packing, plastic, etc. shall be sent to scrap vendor for recycling purpose. However, wet waste, which is biodegradable, shall be converted to bio-compost by adopting following aerobic composting method.

Solid waste from domestic sources shall be treated by the following ways:

- Wet garbage: Composting within the premises and using it as manure.
- Sludge from S.T.P will be used in –house.

Biodegradable and non-biodegradable waste will be segregated. Dry waste will be sent for recycling and 'In vessel process' will be used for composting of wet waste.

Solid Waste Management

During Operation Phase

Quantity of wet waste – 1614 kg/day.

Quantity of Dry waste – 1076 kg/day.

Biodegradable and non-biodegradable waste will be segregated. Dry waste will be sent for recycling and wet waste will be treated in OWC for composting.

1. GREEN BELT DEVELOPMENT

The project proponent will also propose to develop landscape garden by planting native tree. The project proponents have proposed a landscape and covered with vegetation of indigenous variety.

ENERGY CONSERVATION

Energy conservation measures are often the easiest, quickest and cheapest way to reduce costs and be environmentally pro–active Energy conservation program will be implemented through measures taken both on energy demand and supply. Energy conservation is focused during the complex planning and operation stages. The conservation efforts would consist of the following:

Measures to reduce energy consumption-

- Minimize use of air conditioning so as to use of architectural design.
- Maximize the use of natural lighting and ventilation through design.
- Purchase of energy efficient appliances
- Constant monitoring of energy consumption and defining targets for energy conservation. Energy monitoring will be done with the help of Energy meters.
- Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels. Design based on lux level calculations.
- Use of compact fluorescent lamps and low voltage lighting.
- Sunscreen films on windows to reduce heating inside the buildings.
- Awareness on energy conservation will be raised among the users of the building in the complex.
- Use of windmills to cover-up the part lighting load of common area

Maximum priority is given for placement of solar water on top terraces. The appurtenant spaces here common lighting is required are proposed to use unconventional energy.

ARCHITECTURAL DESIGNS

- Maximum ground is covered by green patches to reduce reflection of heat from ground surface.
- Shade giving trees are proposed around the condominium especially on South& west side to cast shadow on the ground & building.
- By accommodating maximum parking area are covered parking, heat generation due to vehicle is compressed below the building.
- Thermal paint application is proposed for external walls which reduce & reflect heat. Direct exposure to sun is reduced by proposing double height terraces & double wall external walls. Adequate sunshades are proposed.

Thermal Characteristics of the building envelop:

- a) Terraces will be treated with a layer of brick bat coba for reduction in heat gain through roof.
- b) Overhang projections & horizontal band of 0.3m will be provided around the windows which will be reducing solar heat gain assures maximum naturals light and ventilation in the buildings.
- c) External shading is prominently use in the complex intercepts solar heat before it reaches the glass /wall.

- d) External walls are 150mm with 10mm plaster on both the sides (cavity wall), double height terraces are provided to reduce direct exposure to sun. Tinted colored with light slightly tinted colors to reduce solar heat gain & will reflect heat.
- e) Friendly acrylic paint.

7. ENVIROMENTAL AND SAFETY CARE

The project proponents shall follow all the safety rules and regulation as prescribed by regulatory authority as under-

Fire and general safety Measures

The system is having

- a) Fire Hydrant System
- b) Fire alarm System Manual
- c) Portable Fire Extinguishers
- a) Fire Hydrate System consist of following
- Wet Riser mm dia Class C from terrace to UG tank.100 mm dia G I Pipe Class C from water tank to booster pump & pump to terrace
- Fire Hydrant Value, Fire House Pipe 63mm dia, Short Branch Pipe, House Reel drum one each Landing.
- Fire Inlet at parking and road side.
- Court Yard Hydrants on each 30Meter on periphery of building.
- One Pump on UG tank to give discharge of 2280 LPM @ meter head
- b) Fire Alarm System
 - Manual Call Point cum Hooter with microphone on each landing.
 - Talk Back Public Address System Panel at Parking.
- c) Portable Fire Extinguishers At lift room, meter board, parking transformer room.

WATER LOGGING-

The projects proponent has made proper storm water drain arrangement and rainwater harvesting will be implemented within their premises. Hence water logging will be less.

- 10. FUNCATIONS OF ENVIRNMENTAL MANGEMENT CELL
- 10.1 Formation of Environmental Management Cell:

Monitoring and feedback becomes essential to ensure that the mitigation measures planned by way of environmental protection management cell comprising senior officials may be constituted

To maintain the EMP, a structured Environmental Management Cell (EMC) interwoven with the existing management system will be created. EMC will undertake regular monitoring of the environmental and conduct yearly audit of the environmental performance during the construction of the project. It will also check that the stipulated measures are being satisfactorily implemented and operated. It shall also co-ordinate with local authorities to see that all environmental measures are well coordinated.

EMC will perform following functions

Monthly review of environmental problems and monitoring of installation / performances /maintains of pollution control measures.

Enforcement of latest rules and regulation under relevant Environmental protection acts.

Preparation of budgetary estimates to seek sanctions for new pollutions control measures if required and/or up-gradation of existing ones based on new technologies.

Emergency planning.

EMC shall meet at least once a month and take stock of progress of work relating to decision taken and targets set in the previous meeting.

FORMATION OF TASK FORCE

A task having force having organizational set-up comprising staff of various grades shall be constituted. The task force will ensure following tasks:

Monitoring activities within core & buffer zone.

Monitoring of efficiency of pollution control schemes.

Preparation of maintenance scheduled of STP & composting plant and ensures that is followed strictly.

Inspection and regular cleaning of draining system.

Green- belt development.

Water and energy conservation.

Good housekeeping.

Apprising EMC on regular basis.

MONITORING PROGRAM

A comprehensive environmental monitoring program that has been prepared for the purpose of implementation in the proposed residential complex will be strictly followed to ensure the success of environmental management activities.

It is proposed to carry out environmental monitoring work of factory by MoEF recognized laboratory. They will assign the work for carrying environmental audit for each year. Also environmental awareness program shall be conducted on regular basis.

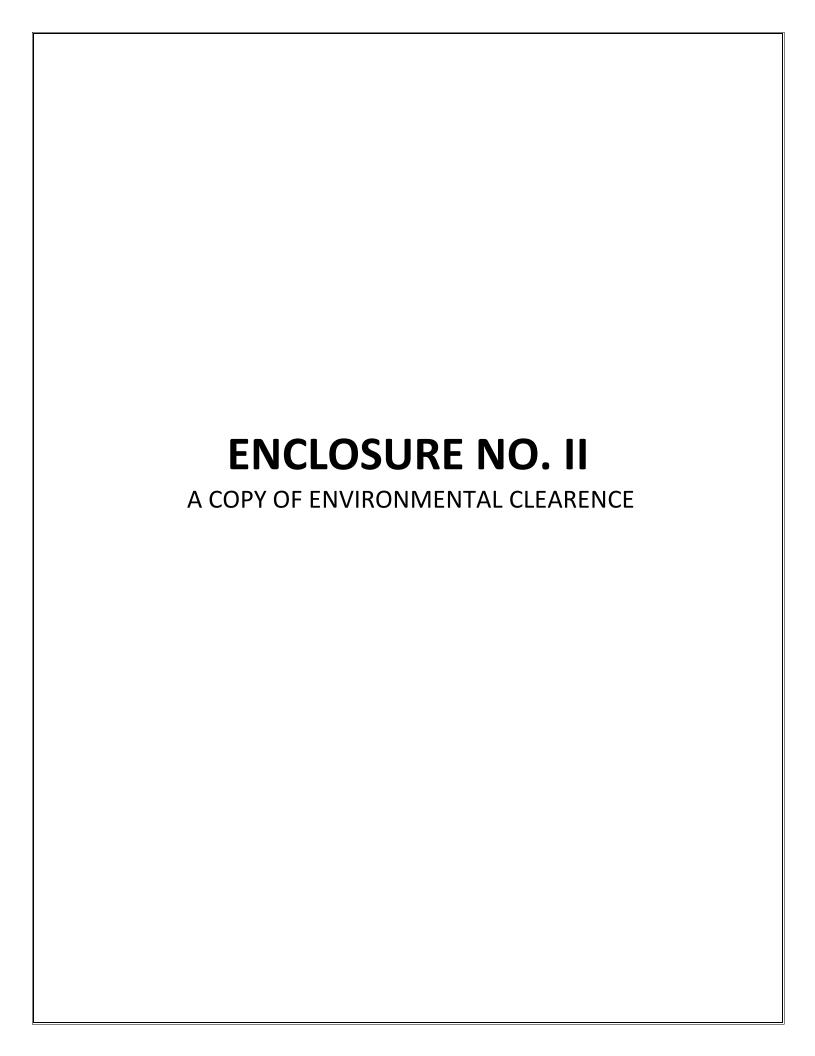
PART -III

ALLOCATION MADE FOR ENVIRON-MENTAL MANAGEMENT PLANS

DURING OPERATIONAL PHASE:

CAPITAL INVESTMENT FOR ECOFRIENDLY FEATURES

Sr. No	Project	Capital Cost	O & M Cost/Year
		(Rs. Lakhs)	(Rs. Lakhs)
1	Rainwater harvesting	41.00	1.77
2	OWC	27.00	5.65
3	Landscaping	37.07	1.20
4	Environment Monitoring	-	0.75
5.	Energy	134.40	2.75
	Total Amount	239.47	12.12



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/50993/2019 Environment Department Room No. 217, 2nd Floor, Mantralaya, Mumbai- 400032. Date: 08.07.2020.

To CIDCO,

Plot no. 1, Sector 28, near Khandeshwar

railway station, Kamothe node, Taluka: Panvel, District: Raigad,

Subject : Environment Clearance for Pradhan Mantri Awas Yojana (PMAY) at Plot no.

1, Sector 28, near Khandeshwar railway station, Kamothe node, Taluka:

Panvel, District: Raigad, State: Maharashtra.

Reference: Application no. SIA/MH/MIS/50993/2019

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-2 in its 132nd meeting under screening category 8 (b) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 199th meeting of State Level Environment Impact Assessment Authority (SEIAA).

Brief Information of the project submitted by you is as below:-☐ Plot area: 44,716.51 Sq. mt ☐ FSI: 49,986.84 Sq. mt ☐ Non FSI: 1,02,287.84 Sq. mt. ☐ Total Built up area: 1,52,274.68 Sq. mt. ☐ Building configuration : 17 no. of Buildings (Total flat: 1474 nos. & Shops: 122 nos.), 15 Buildings: EWS – Type B: Ground + 11 Floors each, 2 Buildings: EWS – Type C: Ground + 11 Floors each, Multilevel car park (MLCP): Ground + 6 Floors Society office/ Community/ Fitness Centre: Flats: 1474 nos., Shops: 122 nos. ☐ Total population : Total: 6262 nos. ☐ Water requirement: 848 KLD ☐ Sewage generation : 705 KLD ☐ STP capacity & Technology: Sewage (705 KLD) will be discharged into existing Nodal STP of 85 MLD capacity at Kamothe for treatment ☐ STP location: ----☐ RG area required & provided: Required Recreational open space: 6707.47 Sq. mt. (15%), Provided Recreational open space: 6739.14 Sq.mt. (15.07%) ☐ Energy requirement : Connected load: 4934 kW, Maximum demand: 3728 kW ☐ Total Energy saving : 21 % ☐ Energy saving by Solar: 5 % No. of DG sets & capacities: 2 DG sets of capacity 70 kVA each, 4 DG sets of capacity 100 kVA each and 5 DG sets of capacity 160 kVA each ☐ Solid waste generation: Non-biodegradable waste: 1614 Kg/day, Biodegradable waste: 1076 Kg/day ☐ OWC capacities: Area provision for solid waste management: 123.00 Sq. mt.

☐ Parking: 2 Wheelers: Captive: 44 Nos.; MLCP: 4556 Nos.,
4 Wheelers: Captive: 472 Nos.; MLCP: 378 Nos.
☐ EMP cost : Construction Phase: Set up Cost: 84.34 Lacs,
Operation Phase: Set up Cost: 239.47 Lacs, O & M Cost: 12.12 Lacs/annum
☐ Rain water harvesting: 3 nos. of RWH tanks of total capacity 320 KL
☐ No. of pits & size of pits:
☐ Details of UG tanks & no. of capacity :- Domestic: Total capacity 611 KL,
Flushing: Total capacity 232 KL, Firefighting: Total 840 KL
☐ CER: CER plan as per the MoEF & CC circular dated 01/05/2018
☐ Project Cost: Rs. 381.28 Crores
☐ Cost for CER:Rs. 5.71 Crores (1.5% of project cost)

3. The proposal has been considered by SEIAA in its 199th meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

- i. PP to ensure that STP to be kept open minimum upto 40%.
- ii. PP to adopt following segregation & treatment method for the sewage generated from the residential complex.
 - a. Grey water: The waste water emanating from bathroom, kitchen sinks, wash basins, showers, dish washers should be collected separately and treated on site, suitably to alevel for reuse for flushing of toilets in apartment buildings and gardening.
 - b. Black Water: The waste water emanating from Flushing of toilets shall be collected separately and conveyed through sewer to the nodal STP for treatment and reuse for central garden, Golf course etc.
- iii. PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures.
- iv. PP to ensure that the energy savings from renewable sources shall be minimum 5.17 %.
- v. No Occupation Certificate (OC) to be granted to the project unless the proposed Nodal STP at Kharghar is commissioned and put into Operation.
- vi. PP to obtain CRZ clearance from MCZMA and comply all the conditions stipulated.
- vii. PP to follow DCR Regulations while developing the plot. The answers submitted to the queries raised by local people are self-Explanatory.
- viii. PP to abide all conditions of NOCs granted by the different authorities.
- ix. 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, if applicable. The planning authority to ensure fulfilment of this condition before granting CCS.
- x. 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.
- xi. PP to ensure that CER plan gets approved from Municipal Commissioner.
- xii. 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.
- xiii. SEIAA decided to grant EC for -FSI: 49986.84 m2, Non-FSI: 102287.84 m2 and Total BUA: 152274.68 m2 (Plan Approval no- CIDCO/SR.ARCH.(BP-IHP)/2019/356 dated 08.08.2019)

General Conditions:

- i. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- ii. 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.
- iii. 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.
- ix. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of 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 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.
- 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 levelling 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 of 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.3
- 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% grey 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 grey and black water should be done by the use of dual plumbing line for separation of grey 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 fulfil 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 of /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 night-time 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 fulfil 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://parivesh.nic.in
 - 1. 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

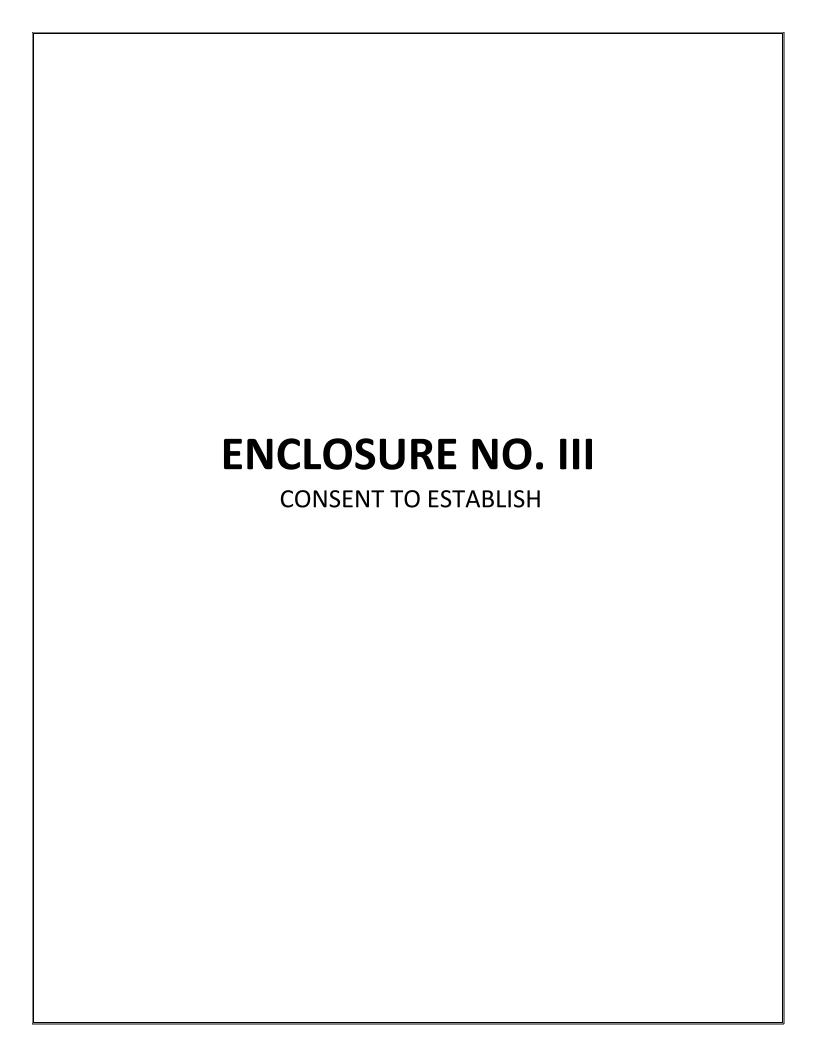
appropriate legal action under Environmental Protection Act, 1986.

- 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, amended time to time.
- 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, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Anil Doggikar (Member Secretary, SEIAA)

Copy to:

- 1. Shri Johny Joseph, Chairman, SEIAA.
- 2. Secretary, MoEF & CC
- 3. IA-Division MOEF & CC
- 4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
- 5. Regional Office MoEF & CC. Nagpur
- 6. District Collector, Raigad.
- 7. Commissioner, Panvel Municipal Corporation
- 8. Regional Officer, Maharashtra Pollution Control Board, Navi Mumbai.



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437

Fax: 24023516

Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

No:- Format1.0/CAC-CELL/UAN No.0000098569/CE - 2102000396

Date: 05/02/2021

To,
M/s CITY AND INDUSTRIAL DEVELOPMENT
CORPORATION OF MAHARASHTRA LTD.
(CIDCO), Plot No. 01, Sector-28,
At Forecourt Area of Khandeshwar Railway
Station, Node Kamothe, Navi Mumbai,
Dist. Raigad.

Sub: Grant of Consent to Establish for construction of 17 Nos. Residential Building construction, Multi-Level Car Park Building, Society Office, Community & Fitness Center under Pradhan Mantri Awas Yojana (PMAY) under Red Category

Ref: 1. Environment Clearance accorded by Env. Dept GoM vide No. SIA/MH/MIS/50993/2019 dtd. 08/07/2020.

2. Minutes of Consent Appraisal Committee meeting held on 19/12/2020.

Your application NO. MPCB-CONSENT-0000098569

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

- The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.
- The capital investment of the project is Rs.381 Crs. (As per undertaking submitted by pp).
- 3. The Consent to Establish is valid for construction of 17 Nos. Residential Building construction, Multi-Level Car Park Building, Society Office, Community & Fitness Center under Pradhan Mantri Awas Yojana (PMAY) of M/s CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LTD. (CIDCO) at plot bearing Plot No. 01, Sector-28, At Forecourt Area of Khandeshwar Railway Statlon, Node Kamotho, Navl Mumbal, Dist. Raigad on total plot area 44,716.51 sq. mtrs. for total construction BUA 1,52,274.68 sq. mtrs. as per Environment Clearance granted dated 08/07/2020 and construction permission issued by Local Body including utilities and services.
- 4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
	Trade effluent	Nil	NA	NA SUBSOLUSE MUD
IN SECURITY OF THE PARTY.	Domestic effluent	448	As per Schedule - I	Sent to CIDCO's 85 MLD Nodal STP at Sector 32,
			1 tradica	Kamothe

CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LTD/CE/UAN NO.MPCB-

CONSENT-0000098569

Page 1 of 8

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Stack No. Description of stack / source	Number of Stack	Standards to be achieved
S-1 to S-11 DG Sets (2 x 70, 4 x 100 & 5 x 160 KVA)	11	As per Schedule -II

6. Conditions under Solid Waste Rules, 2016:

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
	Non Biodegradable Waste	1614 Kg/Day	Segregation	Auth. vendor/ Local Body
	Biodegradable waste	1076 Kg/Day	OWC followed by composting	Used as Manure
3	STP Sludge	80 Kg/Day	Drying	Used as Manure

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Sr No Category No. Quantity		UoM Treatment	Disposal
	5.1 Used /spent oil		Ltr/A Recycle	Sale to Auth. Party/ Recycler

- 8 This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- 10 PP shall make arrangements for collection & pumping of the domestic effluent for sending to CIDCO's 85 MLD Nodal STP at Sector 32, Kamothe for treatment & disposal. Also, necessary pumping & pipeline arrangements for the recycling of treated sewage for flushing & gardening shall be made.
- 11 PP shall ensure to achieve treated domestic effluent BOD standards 10 mg/l.
- 12 PP shall recycle/ reuse 60% of treated domestic effluent for toilet flushing, firefighting and apply remaining for construction activities till commissioning and/ or on land for gardening purpose by providing dual pumping arrangements for fresh water & recycled treated water with water metering system.
- 13 PP shall install Composting facility for the treatment of Biodegradable waste and compost obtained shall be used as manure for gardening.
- 14 PP shall submit Bank Guarantee of Rs. 25 Lakh towards compliance of Environment Clearance & Consent to Establish conditions.
- 15 PP shall carry out traffic impact assessment of the proposed development.

For and on behalf of the Maharashtra Pollution Control Board.

(Ashok Shingare IAS); Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	762000.00	MPCB-DR-2829	17/11/2020 RTGS	

Copy to:

- 1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad I
- They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Sion, Mumbai
- 3. CC-CAC Desk- for record & website updating purpose.





SCHEDULE-I Terms & conditions for compliance of Water Pollution Control:

- A] As per your application, you have proposed to send 448 CMD domestic effluent to CIDCO's existing 85 MLD MBBR technology based Nodal STP at Sector 32, Kamothe for treatment & disposal.
 - B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
1.	рН	5.5-9.0
2.	Bio-Checimal Oxygen Demand (BOD)	10
3.	Chemical Oxygen Demand (COD)	50
4.	Nitrogen Total	10
5.	Phosphorus-Total(For Discharge into Ponds, Lakes)	1.0
6.	Fecal Coliform (FC) (Most Probable)	Desirable-100 Permissible-230

- C] The treated domestic effluent shall be 60% recycled/ reused for toilet flushing, fireflighting and apply remaining for construction activities till commissioning and/ or on land for gardening purpose by providing dual pumping arrangements for fresh water & recycled treated water with water metering system.
- The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
	Industrial Cooling, spraying in mine pits or boiler feed	0.00
-	Domestic purpose	448.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	400.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

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SCHEDULE-II Terms & conditions for compliance of Air Pollution Control:

5.8 军机·与·安全军部北京中心

ANT WATER .

 As per your application, you have proposed to provide the Air pollution control (APC)system and also proposed to erect following stack (s) and to observe the following fuel pattern-

observe '	the following fact pa	Height in	Type of	Quantity &	
Stack No.	Stack Attached To	APC System	Mtrs.	Fuel	UoM
S-1 to	DG Sets (2 x 70, 4 x 100 & 5 x 160 KVA)	Acoustic Enclosure/ Stack	3	DISEL	800 Kg/Hr
S-11	100 & 5 X 100 KVA/	Elicioan el		al ala no	Mution control

 The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

ystem, so as to achieve the level of p	Olidearite	150 mg/Nm3	
		150 mg/Nm3	
Total Particular matter		diag additional control	

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) Conditions for utilities like Kitchen, Eating Places, Canteens:
 - a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - b) The toilet shall be provided with exhaust system connected to chimney through ducting.
 - c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - d) The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III Details of Bank Guarantees:

Sr. No.	Consent(C2E/C 2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2E	2500000	Within 15 days	Towards compliance of the Environmental Clearance & Consent to Establish conditions	31.12.2025	30.04.2026

^{**} The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent. # Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	BG
L			NA			

BG Return details

Srno. Consent (C2E/C2O/C2R) BG imposed Purpose of BG Amount of BG Returned



SCHEDULE-IV

Conditions during construction phase

During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.

PACHALL CHRESTAN 1 1

- During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
- Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

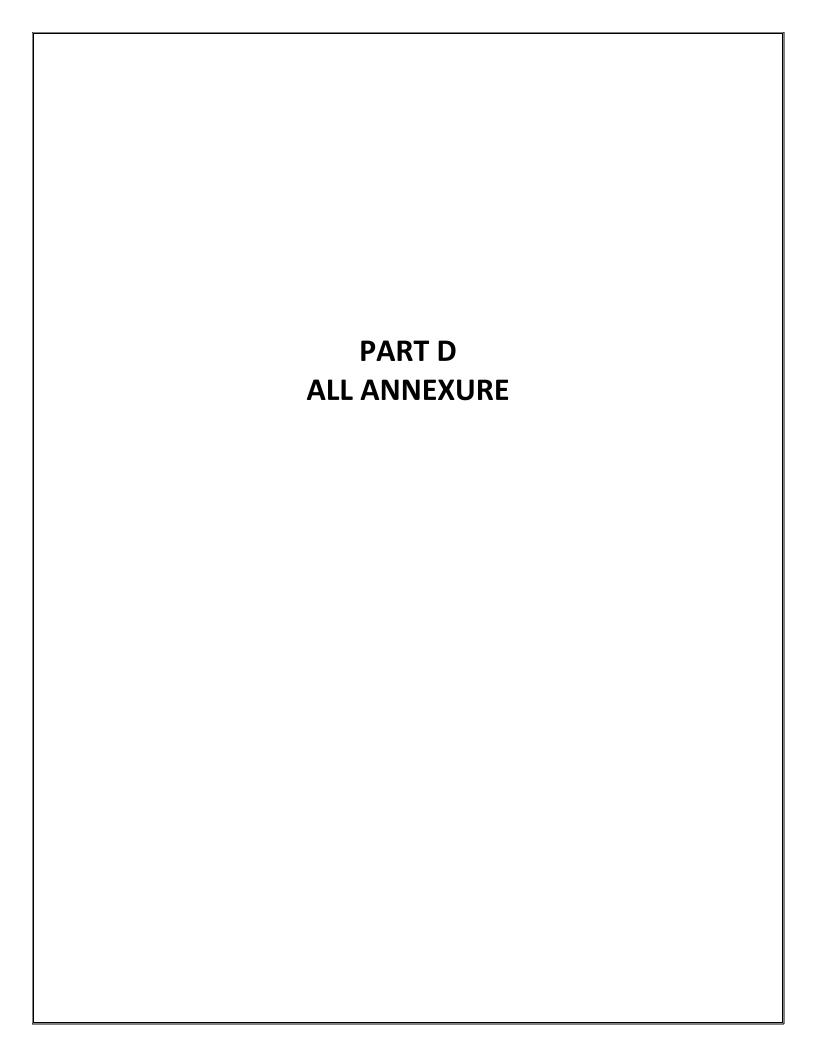
General Conditions:

- The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

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- Solid Waste The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & II) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.

11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.



ANNEXURE NO.1 CER Plan



CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

(CIN - U99999 MH 1970 SGC - 014574)

REGD. OFFICE:

"NIRMAL", 2nd Floor, Nariman Point,

Mumbai - 400 021.

PHONE: 00-91-22-6650 0900 FAX: 00-91-22-2202 2509

No.CIDCO/CE(SP)/2020/2850

Ref. No.

HEAD OFFICE:

Date:-12.06.2020

CIDCO Bhavan, CBD Belapur, Navi Mumbai - 400 614. PHONE: 00-91-22-6791 8100 FAX : 00-91-22-6791 8166

AX :00-91-22-6/91 8160

Date:

CORPORATE ENVIRONMENTAL RESPONSIBILITY

In accordance with the circular issued by Ministry of Environment, Forest and Climate Change (MoEF&CC) dated May 01, 2018 and subsequent circular of June 19, 2018 on Corporate Environment Responsibility we hereby submit out plan as below;

A. Basic Information of the Project

No.	Description	Details
1	Name of the Project	Pradhan Mantri Awas Yojana (PMAY) Housing Scheme at Plot no. 1, Sector 28, Khandeshwar railway station, Kamothe node, Taluka: Panvel, District: Raigad, Sate: Maharashtra.
2	Location of the project	Plot no. 1, Sector 28, Khandeshwar railway station, Kamothe node, Taluka: Panvel, District: Raigad, Sate: Maharashtra.
3	Project type (green/brown field)	Green field
4	Cost of the project as mentioned in CS (Rupees in Crore)	Rs. 381.28 Crores
5	Any previous EC and Completion certificate of the part of the project before May 01, 2018, if yes give the details with date and reference number	
6	Cost of the part completed project (as per details given at Sr. No. 5)	Nil
7	Effective cost of the project for CER consideration (4-6)	Rs. 381.28 Crores
8	Applicable norms in terms of % of the project cost for CER and amount (Rupees in Crore)	Rs. 5.71 Crores (1.5 %)
9	Expected duration for completion of the project (Years)	7 years
10	Implementing Agency Identified (NGO/Trust/ULB) give name and details.	Yet not identified
11	Please attached agreement with implementing agency	

In case of any corruption related complaints, please visit : www.cidco.maharashtra.gov.in Click on Dakshata link

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B. CER Activities Proposed: (please propose as per the suggested list given in table below)

No.	Description	Details
1	Any issues raised during the public hearing, social need assessment, R&R plan, EMP, etc	No
2	If Yes Please give details	Not applicable
3	CER activities proposed to be from suggested activities as infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, scientific support and awareness to local farmers to increase yield of crop and fodder, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas, community level sewage treatment plant, solid waste (composter or Biogas plants), air quality monitoring, research activities on environmental aspects, training programmes on waste management including skill development, studies related to environmental aspects for town/city/village, pilot projects on clean energy/ environment, etc.	CER Activities proposed are as follows: Sanitation Health Education Trainings Water supply Cremation facility etc.
4	Consent of implementing agency (NGO etc.) and local authority to accept the CER in case of environmental infrastructure project	CIDCO TARA Training centre
5	Year wise activity indicating the detail of plan and cost (as applicable for duration of the project) attach separate sheet with Gnat Chart which will be useful for monitoring. First Year (indicate year)	0.816 Cr
	Second Year	0.816 Cr
	Third Year	0.816 Cr
	Forth Year	0.816 Cr
	Fifth Year	0.816 Cr
	Sixth Year	0.816 Cr
	Seventh Year	0.816 Cr

We undertake to complete the work with our CER commitment as per OM dated 01/02/2018.

(S.K.Chotalia) Chief Engineer(SP) CIDCO Ltd.

ANNEXURE NO.2 Tree NOC



CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

(CIN - U99999 MH 1970 SGC - 014574)

REGD. OFFICE:

"NIRMAL", 2nd Floor, Nariman Point,

Mumbai - 400 021.

PHONE: 00-91-22-6650 0900 : 00-91-22-2202 2509 **HEAD OFFICE:**

Date:

CIDCO Bhavan, CBD Belapur, Navi Mumbai - 400 614. PHONE: 00-91-22-6791 8100 : 00-91-22-6791 8166

05.03.2020

NO.CIDCO/Hort/2020/300 SAP-350

Ref. No.

To,

Shri.R.S.Nayak,

Superintending Engineer (Housing-I), CIDCO Ltd., 7th Floor, CIDCO Bhavan, CBD Belapur, Navi Mumbai-400614.

> Sub:- Permission for removal of trees from Proposed Mass housing scheme at Plot No.01, Sector-28, Khandeshwar station(Nodal Side), Navi Mumbai.

Ref: - Your application dt.21/01/2020.

Sir,

With reference to above it is to inform that your request for removal of trees from Proposed Mass housing scheme at Plot No.01, Sector-28, Khandeshwar station (Nodal Side), Navi Mumbai has been considered by the Tree Authority under section 8(3) of the Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 & rules called the Maharashtra (Urban Areas) Protection and Preservation of Tree rules rule - 2009 & amendment up to 2016 subject to the following conditions::

1) The Tree Authority Committee of CIDCO has granted the permission to cut 52 No of existing trees and to transplant 125 no of existing trees. You should retain 75 no of existing trees. The details are as below;

	1 1			
= 0	250	Sr.	Description	Tree no.
SE(HOUSING-I	Date: 06/3/20	1	Trees to be Transplant	5, 6, 7, 9, 23, 24, 25, 26, 27, 28, 29, 48, 49, 50, 51, 54, 55, 57, 58, 60, 61, 67, 69, 70, 71, 72, 73, 74, 76, 77, 79, 80, 81, 84, 91, 96, 100, 102, 104, 105, 106, 107, 108, 109, 112, 114, 116, 117, 118, 120, 123, 124, 125, 126, 127, 128, 129, 132, 134, 135, 136, 139, 140, 142, 154, 158, 160, 164, 165, 168, 169, 170, 173, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 187, 191, 197, 198, 199, 202, 211, 215, 216, 217, 218, 219, 220, 221, 223, 225, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 253, 254, 255, 256, 257.
		2	Trees to be cut	22, 47, 53, 56, 59, 66, 68, 75, 78, 82, 83, 85, 89, 90, 97, 98, 99, 101, 103, 113, 115, 119, 121, 122, 131, 133, 137, 138, 141, 147, 155, 156, 157, 162, 163, 166, 167, 186, 196, 203, 204, 205, 206, 208, 212, 213, 214, 222, 252, 258, 259, 260.
		3	Trees to be Retain	01, 02, 03, 04, 08, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 52, 62, 63, 64, 65, 86, 87, 88, 92, 93, 94, 95, 110, 111, 130, 143, 144, 145, 146, 148, 149, 150, 151, 152, 153, 159, 171, 172, 174, 185, 200, 201, 207, 209, 210, 224, 226, 227, 228, 229, 251.

In case of any corruption related complaints, please visit:

- 2) As per the provision under Section 8(3) (a) of the said Act, you are hereby directed that no tree shall be cut/transplanted until fifteen days (15) after the permission is given by the Tree Authority.
- 3) It is mandatory on your part to plant 2 no of trees against each tree to be cut. As per the provision of Maharashtra (Urban Areas) Protection and Preservation of Trees (amendment) Act, 2016-the new trees shall be plant within fifteen days from the date of tree (s) is felled.
- 4) You have to plant 104 no of new trees (against cutting of 52 no of trees) and to transplant 125 no of existing trees along periphery and within the open spaces of Proposed Mass housing scheme at Plot No.01, Sector-28, Khandeshwar station (Nodal Side), Navi Mumbai. While planting trees, suitable distance should be kept from the boundary of the plots, so that the newly planted trees will not obstruct the construction of compound wall or any other civil structure in future.
 - You shall maintain & protect the new tree plantation (104 no of trees) and transplanted trees (125 no of trees) for the period of three years & care should be taken so that tree grows properly & give a report to the tree officer about the condition of these trees once in six months for a period of three years as per the form G under section 9(2). (Copy of Format enclosed herewith for your reference).
- 5) Your attention is kindly drawn to the provisions under section of 21 of the Maharashtra (Urban Areas) Protection & Preservation of Trees Act. 1975, as modified on 9th June, 2004.
 - 21 (1) Whoever fells any tree or causes any tree to be felled in contraventions of the provision of the Act or without reasonable excuse fails to comply with any order issued or condition imposed by the Tree Officer or the Tree Authority or voluntarily obstructs and member of the Tree Authority or the Tree Officer or any officers and Servants subordinate to him in the discharge of their functions under this Act. Shall, on convection, be punished with the fine of not less than one thousand rupees which may extend up to five thousand rupees for every offence and also with imprisonment for a term of not less than one week, which may extent up to one year.
 - (3) The felling or causing of felling of each tree without the Permission of The Tree Authority shall constitute a separate offence.
- 6) At the time of transplanting or cutting of trees, if any social problem occurs, you will have to resolve the same at your end.
- You shall submit the report for Cutting and transplantation of the trees carried out to Tree officer, CIDCO.
- 8) Tree authority Committee, CIDCO has granted the permission for removal of 177 no of trees (To Cut 52 nos and to transplant 125 nos). At the time of actual execution of work on site, applicant Superintending Engineer (Housing-I) shall ensure that remove only those trees which are falling in alignment of construction activities.
- 9) The said permission is valid only up to 90 days from the receipt thereof.

<u>Note:</u> This Tree removal permission is subject to terms and conditions mentioned in C.C. issued vide letter No.CIDCO/Sr.Arch (BP-IHP)/BP-IHP-108/2020/127, dated 09th January 2020.

Thanking You.

Yours faithfully

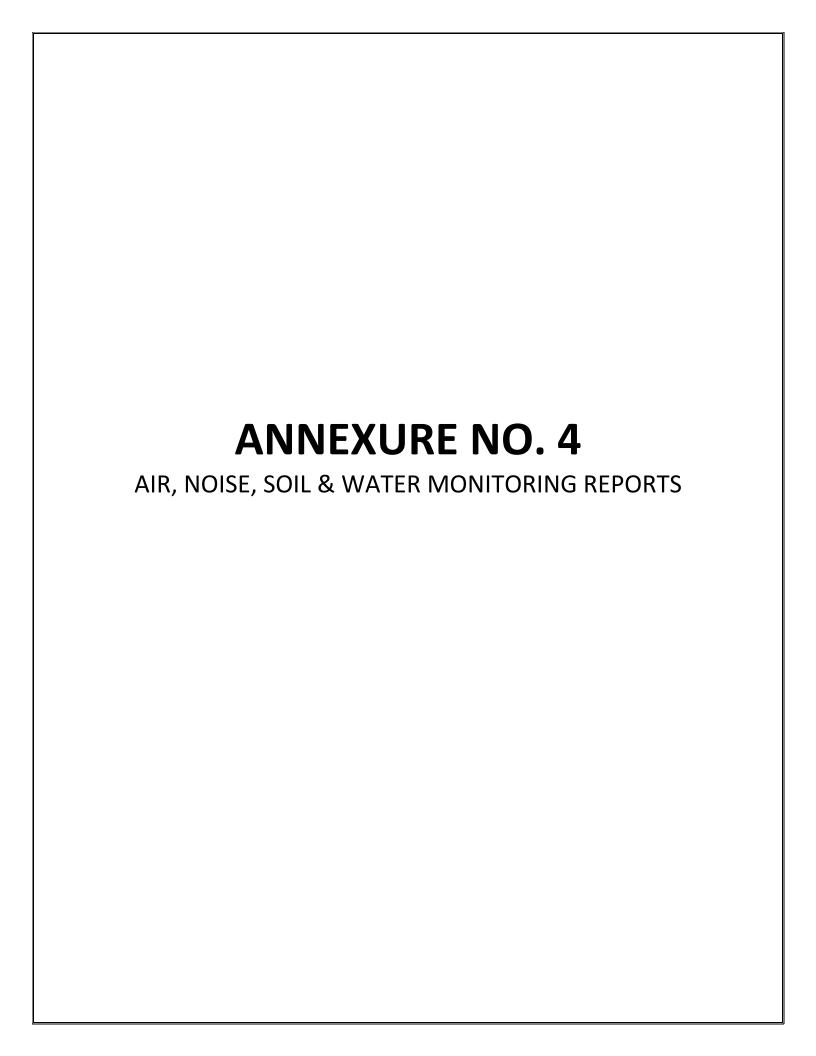
Tree Officer

(Tree Authority Committee, CIDCO)

ANNEXURE 3

Sanitary and Hygiene Measures

- Toilets are provided to construction workers.
- Separate storage tanks for storage of domestic and Drinking water have been provided.
- Solid waste is being disposed daily to municipal collection system.
- Separate arrangements for workers for having lunch. The provided separate area is maintained in hygiene point of view.
- Workers health will be regularly monitored and even Health insurance is provided.
- All construction activity will be followed strictly with guideline of safety measures to assure worker's health and safety.





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	TEST R	EPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/05	Report				
Sample ID: -	GESEC/PRO/AAQM/2022-23/05	/946	Date	09/05/	2022	
Name & Address of the Customer	PMAY construction project at Plot no. 1, sector 28, near Kha District- Raigad, Maharashtra	andeshwar railway stati	on, Kamotho	e node, Taluka	- Panvel,	
	Ambient Air Sa	amnle Details				
Туре	Sampling Locatio		Co			
Ambient Air	Near Main Gate			pling done by nsrushti Enviro		
	Samplin		ivaya	nsrusnti Enviro)	
Start Time		p Time				
10:10 am		10 pm		Total		
	Metrological Data/Envi			8 H	rs.	
Ambient Temperature oc	33	Wet Bulb Tempera	ture oC	21		
Dry Bulb Temperature o [€]	32 Relative Humidity		23		1000	
(848)		170	70 1111	/.	/	
Date of Sampling	Sample Receipt Date	Analysis Start D	Date Analysis End D		nd Date	
03/05/2022	04/05/2022	04/05/2022	-			
Name of Instrument	Fine Dust Sampler	Date of Calibrat		06/09/	2021	
Calibration Certificate No.	235	Due Date of Calibi	bration 05/09/2022		2022	
Parameters	Method		Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2)	:2017	μg/m³	≤ 80	10.20	
Nitrogen Dioxide (NO₂)	IS:5182 (PART 6)	:2018	μg/m³	≤ 80	20.01	
Particulate Matter PM ₁₀	IS:5182 (PART 4)	:2019	μg/m³	≤ 100	52.12	
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	μg/m³	≤ 60	29.23	
Ozone(O₃) For 1 Hrs.	Method 411, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤ 180	11.48	
Ammonia (NH₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013		μg/m³	≤400	6.18	
Carbon Monoxide (CO)	MASA-822 3rd Edition		μg/M³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	6 (RA 2017)	μg/M³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol	1 2011	ng/M³	≤ 01	BDL	
Arsenic (As)	MASA-822 3rd Ed	dition	ng/M³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd Ed	dition	ng/M³	≤ 20	BDL	
ead (Pb)	MASA-822 3rd Ed	dition	μg/M³	1.00	BDL	

All above results are within National Ambient Air Quality standards.

BDL - Below Detectable Limit.

END OF REPORT Consultant pvt. Led

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Terms and conditions

3.

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- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.



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	TEST RI							
Test Report No: -	GESEC/PRO/AAQM/2022-23/05	/947	Report	22/22				
Sample ID: -	GESEC/PRO/AAQM/2022-23/05	/947	Date	09/05/	2022			
	PMAY construction project							
Name & Address of the	at Plot no. 1, sector 28, near Khandeshwar railway station, Kamothe node, Taluka- Panvel,							
Customer	District- Raigad, Maharashtra	Tuliway Statio	ii, Kaiilotile i	noue, raiuka- i	ranvei,			
	Ambient Air Sa	imple Details						
Туре	Sampling Locatio	n	Samp	ling done by				
Ambient Air	Project Site			srushti Enviro				
	Samplin	g Time						
Start Time	Sto	p Time		Total	Hrs.			
10:30 am	18	:30 pṁ		8 Hr				
	Metrological Data/Envi	ronmental Conditions			-			
Ambient Temperature oc	33	Wet Bulb Tempera	ture oc	25				
Dry Bulb Temperature °C	32	Relative Humidity						
Date of Sampling	Sample Receipt Date	Analysis Start D	ate	Analysis F	nd Data			
03/05/2022	04/05/2022	04/05/2022	-	Analysis E 09/05/2				
		04/03/2022		09/03/	2022			
Name of Instrument	Respirable Dust Sampler	Date of Calibrat	ion	25/10/2	2021			
Calibration Certificate No.	LES-CCL/FF/MF/SC/1235	Due Date of Calibr	ation	24/10/2022				
				- II				
Parameters	Method		Unit	NAAQ Standards	Result			
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2)	:2017	μg/m³	≤ 80	10.22			
Nitrogen Dioxide (NO₂)	IS:5182 (PART 6)	:2018	μg/m³	≤ 80	23.70			
Particulate Matter PM ₁₀	IS:5182 (PART 4)	:2019	μg/m³	≤ 100	55.04			
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	μg/m³	≤ 60	28.39			
Ozone(O₃) For 1 Hrs.	Method 411, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤ 180	11.45			
Ammonia (NH₃) For 24 Hrs.	Method 401, Air Sampling and An		μg/m³	≤400	6.48			
Carbon Monoxide (CO)		MASA-822 3rd Edition		≤ 04	BDL			
Benzene (C₅H₅)	IS 5182 (Part 11) :2006	5 (RA 2017)	μg/M³ μg/M³	≤ 05	BDL			
Benzo(a)Pyrene (BaP)	CPCB Manual Vol		ng/M ³	≤ 01	BDL			
Arsenic (As)	MASA-822 3rd Ed		ng/M³	≤ 06	BDL			
Nickel (Ni)	MASA-822 3rd Ed	dition	ng/M³	≤ 20	BDL			
Lead (Pb)	MASA-822 3rd Ed	dition	μg/M ³	1.00	BDL			

All above results are within National Ambient Air Quality standards.

BDL - Below Detectable Limit.

***END OF REPORT

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	TEST REPORT					
Test Report No: -	GESEC/PRO/ANLM/2022-23/0	GESEC/PRO/ANLM/2022-23/05/948 Report				
Sample ID: -	GESEC/PRO/ANLM/2022-23/0	09/05/2022				
Name & Address of the	PMAY construction project					
Customer	at Plot no. 1, sector 28, near Kl	nandeshwar railway station	1. Kamothe node, Taluka-			
	Panvel, District- Raigad, Mahai	ashtra	, manual mode, raidka			
	Ambient Noise Samp	le Details				
Туре	Ambient Noise					
Sampling done by	Nayansrushti Enviro					
Standard method	As Per IS: 9989:2020					
Data of G						
Date of Sampling	Sample Receipt Date Analysis Start Date		Analysis End Date			
03/05/2022	04/05/2022	04/05/2022	09/05/2022			
Name Of Instrument	Digital Sound Level Meter	Date Of Calibration	10/10/2022			
Calibration Certificate No.	ME.2021/10/21/002	Due Date of Calibration	10/10/2022			
		Due Date of Calibration	09/10/2023			
Test Location	Unit	Average Noise Level Readings	MPCB Standards			
		Day	dB(A)			
1. Near Main Gate	Near Main Gate dB(A)					
2. Near Project Site	dB(A)	62.5	During Day time = 75 dB (A) During Night times 70dB(A)			

Remark-

- All above Noise level results are within Maharashtra Pollution Control Board Standards limit.
- Day/Night -75/70 dB

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TEST REPORT	
Date of Reporting	09/05/2022
Sample Details	Drinking Water
Type of Sample	Water
Volume Of Sample	2 Lit Plastic Can
Sample Status	Sealed
Sample Collected By	Nayansrushti Enviro
Date of Sample Collection	03/05/2022
Date of Sample received in lab	04/05/2022
Analysis start Date	04/05/2022
Analysis End Date	09/05/2022
	Date of Reporting Sample Details Type of Sample Volume Of Sample Sample Status Sample Collected By Date of Sample Collection Date of Sample received in lab Analysis start Date

	WA	ATER ANALYSIS REP	ORT	
Parameter	Result	Limits as per IS 10500:2012	Unit(s)	Standard Method
		Physical Paramete	r also the last	
Turbidity	<0.1	Max1	NTU	IS:3025(part10):2019
TDS	106	Max 500	mg/l	IS :3025(part 16):2017
Color	<5	Max 5	Hazen	IS:3025 (part 4):2021
	0	Chemical Paramete	r	, , , , , , , , , , , , , , , , , , , ,
рН	7.51	6.5 to 8.5		APHA 4500, 23 rd Edition:2017
Total Hardness	120	Max 200	mg/l	IS:3025 Part-21:2019
Total Alkalinity	73	Max 200	mg/l	IS:3025 Part-23:2019
Sulphate	5.01	Max 200	mg/l	IS:3025 Part-24:2019
Residual Chlorine	<0.1	Min 0.2	mg/l	IS:3025(part 26):2019
Chloride	17.2	Max 250	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	20.3	Max 75	mg/l	IS:3025 Part-40:2019
Magnesium (as Mg)	8.9	Max 30	mg/l	APHA 3500- Mg, B, 23 rd Edition:2017
		Elemental Analysis		
Iron as Fe	<0.1	Max 0.3	mg/l	IS:3025(part 2):2019
	Mic	robiological Param	eter	
Total Coliform	Absent	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	Absent	per/100ml	IS 1622:1981

Remark(s):

The above water sample is Comply with required limit as per IS 10500:2012.

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			FFCT CERTIFICATION	
Clien	t Name:		TEST CERTIFICAT	
	ect Name and Address:	Report Number		GESEC/PRO/SO/2022-23/05/950
PMA	Y construction project	Sample II)-	GESEC/PRO/SO/2022-23/05/950
	ot no. 1, sector 28, near Khandeshwar	Report Da	ite-	09/05/2022
	ay station, Kamothe node, Taluka- el, District- Raigad, Maharashtra	Sample D	etails-	Soil
- and	ei, District- Kaigau, Manarashtra	Nature of	sample-	Solid
		Date of Sa	ampling-	04/05/2022
		Date of Sa Registrati	•	04/05/2022
		Date of A		04/05/2022
Samp	le Collected & Analyzed by	Nayansru	shti Enviro-	
		SOI	ANALYSIS REP	ORT
Sr. No.	Parameter	Unit (s)	Location Project Site	Analysis Method
1.	Colour		Black Brown	IS 2720
		Sand %	7.7	Soil Testing in India,
2.	Grain Size Distribution	Silt%	11	Department of Agriculture & Corporation Ministry of
3.	Texture Class	Clay %	77 Soft	Agriculture
				IS 2720
4. 5.	Bulk Density	gm/cm3	0.76	IS 2720 (Part 29)2020
Э.	Permeability	cm/hr	0.02	IS: 2720 (Part 17)
6.	Water Holding capacity	%	52	ICARDA -3rd Edition methods of soil, plant, and water analysis: A manual for the west Asia and North Africa region page no.28-29
7.	Porosity	%	40.21	IS 2720
8.	рН		7.31	IS 2720 (Part 26, Rev.2: 2016
9.	Electrical Conductivity	μS/cm	220.0	IS 14767: 2021
10.	Cation Exchange Capacity	meq/ 100gm	3.8	Methods Manual, Soil Testing in India (Dept. of Agriculture and Cooperation, Ministry of Agri. Government of India, Page No.74-75,2011
11.	Exchangeable Calcium	meq/L	20.9	ICARDA -3rd Edition methods of soil, plant, and water
12.	Exchangeable Magnesium	meq/L	3.9	analysis: A manual for the west Asia and North Africa region page no.113-116
13.	Exchangeable Potassium	ppm	8.27	ICARDA -3rd Edition methods of soil, plant, and water analysis: A manual for the west Asia and North Africa region page no.110
14.	Exchangeable Sodium	ppm	4.40	ICARDA -3rd Edition methods of soil, plant, and water analysis: A manual for the west Asia and North Africa region page no.113
15.	Sodium Absorption Ratio		1.71	IS 2720
16.	Nitrogen (N)	mg/Kg	170.4	IS 14684:1999

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- or legal requirement. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.



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17.	Available Phosphorous (P)	Kg/ha	18.19	ICARDA Method of soil, plant and water analysis Page No. 101-102
18.	Available Potassium	Kg/ha	9.35	Methods Manual, Soil Testing in India (Dept Of Agriculture and Cooperation, Ministry Of Agri. Government of India, page No.99:
19.	Organic Carbon	%	1.22	IS 2720-P22
20.	Organic Matter	%	2.18	IS 2720 (Part 22):2020
21.	Water Soluble Chloride (CI)	meq/1	126	ICARDA -3rd Edition methods of soil, plant, and water analysis: A manual for the west Asia and North Africa region page no.118-119
22.	Water Soluble Sulphate (SO4)	mg/kg	30.4	IS:1720 (Part 27).1975
23.	Aluminum (Al)	ppm	256.0	
24.	Total Iron (Fe)	ppm	310.5	_
25.	Manganese (Mn)	ppm	8.28	
26.	Boron (B)	ppm	0.048	
27.	Zinc (Zn)	ppm	1.24	
28.	Total Chromium (Cr)	ppm	0.652	
29.	Lead (Pb)	ppm	0.211	
30.	Nickel (Ni)	ppm	0.615	USPEA/SE/846/7000B
31.	Arsenic (As)	ppm	0.094	
32.	Mercury (Hg)	ppm	0.078	
33.	Cadmium (Cd)	ppm	0.043	
34.	Barium as (Ba)	ppm	0.07	
35.	Selenium (Se)	ppm	0.079	
36.	Copper (Cu)	ppm	1.92	

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Terms and conditions

The report is refer only to the sample tested and not applies to the bulk.

The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc. 2. 3.

The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.

Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.

We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.

MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

ANNEXURE NO. 5 Local News Paper Advertisement Copy



जीई पावर इंडिया लिमिटेड

सीआयएन : एल७४१४०एमएच१९९२पीएलसी०६८३७९

नोंदणीकृत कार्यालय : युनिट क्र. २११-२१२, २ रा मजला, दी कॅपिटल जी ब्लॉक,

प्लॉट क्र. सी-७०, वांद्रे कुर्ला संकुल, वांद्रे पूर्व, मुंबद्र - ४०० ०५१.

दूर. क्र. +९१ २२ ४५४०७२००, फॅक्स : +९१ २२ ४५४०७२०३



सभासदांना सूचना

वार्षिक सर्वसाधारण सभा, परोक्ष ई-मतदान सचना, अहवाल तारीखा व बक क्लोजरची तारीखा

- १. स्चना याद्वारे देण्यात येत आहे की, कंपनीच्या सभासदांना कोविड-१९ महामारीच्या कारणामुळे जीई पावर इंडिया लिमिटेड (कंपनी) यांची २८ वी वार्षिक सर्वसाधारणा सभा (एजीएम) अन्य लाग् कायदा व कंपनी कायदा, २०१३ च्या लाग् तरत्दी सहवाचन सिवयुरिटीज अंन्ड एक्सचेंज बोर्ड ऑफ इंडिया (सेबी) (यापुडे एक्त्रितित्या सवर्युलर म्हण्न संदर्भित) यांच्याद्वारे जारी कॉर्पोरेट अफेअर्स (एमसीए) व सवर्युलर क्रमांक सेबी/एचओ/सीएफडी/सीएमडी१/सीआयआर/पी/२०२०/७९ यांच्याद्वारे जारी सवर्युलर क्र. २०/२०२० दितांक ५ मे, २०२० रोजी व सवर्युलर क्र. १७/२०२० दिनांक १३ एप्रिल, २०२० व सवर्युलर क्र. १४/२०२० दि. ८ एप्रिल, २०२० रोजी अनुपालन अंतर्गत २८ वी एप्रिएमची स्चना दि. २२ जून, २०२० (एजीएमची स्चना) व्यवसायांवर पार पाडण्याकरिता अन्य ऑडिओ विन्युअल मीन्स (ओएल्हीएम) यांच्या मर्फत विद्धीओ कॉन्फरेंसिंग मार्फत गुरुवार, दि. १० सप्टेंबर, २०२० रोजी स. ११.०० वा. आयोजित केली आहे.
- कंपनीच्या संभासदांना कंपनी ॲंक्ट, २०१३ च्या अनुच्छेद ९१ अंतर्गत संभासदांना सूचना याद्वारे देण्यात येते की सभासदांचे रिजस्टर व शेअर ट्रान्सफर बुक कंपनीचे शुक्रवार, दि. ०४ सप्टेंबर, २०२० ते गुरुवार, दि. १० सप्टेंबर, २०२० (दोन्ही दिवस समाविष्ट) दरम्यान एजीएमच्या हेत्करिता बंद राहिल.
- ३. सर्क्युलर सहवाचन एजीएमची सूचना व एकत्रित व स्थायी वित्तीय अहवाल वित्तीय वर्ष २०१९-२० अंतर्गत बोर्डचा अहवाल, ऑडिटर्स अहवाल व अन्य दस्तावेज जोडणे आवश्यक आहे व कंपनीच्या सभासदांना दि. ३० जुलै, २०२० रोजी पाठविण्यात येहंल व कंपनीच्या/ हिपाँ झिटरीज पार्टिसिपंट्स यांच्यासह नोंदंणीकृत पत्यावर ईमेल आयडीवर पाठवावे. सदर दस्तावेज कंपनीची वेबसाइट www.ge.com/in/ge-power-india-limited व स्टॉक एक्सचेंज वेबसाइट www.bseindia.com व www.nseindia.com वर उपलब्ध आहे. व कंपनीचे रिजस्ट्र व ट्रान्सफर एजन्टची वेबसाइट www.bseindia.com व www.nseindia.com वर उपलब्ध आहे. व कंपनीचे रिजस्ट्र व ट्रान्सफर एजन्टची वेबसाइट www.bseindia.com व www.nseindia.com वर उपलब्ध आहे. सभासदांना पूढे स्वित करण्यात येते की, कंपनी (खाते) नियम २०१४ च्या नियम ११ अंतर्गत सदर सभेची सूचना सामान्य व विशेष उरावांवर नमूद कंपनीचे वित्तीय वर्ष २०१८-१९ करिता एजीएमची सूचना व वार्षिर्यक सर्वसाधारण सभेची ईलेक्ट्रॉनिक व प्रत्यक्ष प्रत निवंधक यांच्यासह रोअर्स ट्रान्सफर एजन्ट्स वा डिपाँझिटरी पार्टिसीपंट यांच्याकडे इमेल आयडी नोंदणीकृत आहेत अशा सभासदांना ईलेक्ट्रॉनिकली पाठविण्यात आलेली आहे. त्यामुळे, कंपनीचे समभाग धारक असलेल्या सर्व सभासदांना प्रत्यक्ष स्वरूपात वा डिपटेरियलाईन्ड स्वरूपात व्यांच्या नोंदणीकृत पत्यावर निधारित तारीखा दि. ३० जुलै, २०० रोजी दी प्री प्रेस जप्तल (मुंबई विभाग) व नवशक्ती (मराठी आवत्ती) मध्ये सभेच्या सुचनेची पाठवणी पूर्ण केली आहे.
- ४. पुढे सूचना याद्वारे देण्यात वेते की, कंपन्या कायदा, २०१३ च्या अनुच्छेद १०८ च्या तरतुदी सहवाचन कंपन्या (व्यवस्थापन व प्रशासन) नियम, २०१४ च्या नियम २० अंतर्गत वेळोवेळी सुधारित करून सभासदांना एजीएममध्ये ईलेक्ट्रॉनिकली अर्थात व्यवहारांवर विचारविनियम करण्याकरिता ई-मतदानाच्या सेवांच्या माध्यमात्न सेंट्रल डिपॉझिटरीज सर्व्हिसेस (इंडिया) लि. (सीडीएसएल) यांच्यादारे प्रदानित ई-मतदानाच्या माध्यमात्न मतदान करावे.
- परोक्ष ई-मतदान सोमवार, दि. ०७ सप्टेंबर, २०२० रोजी स. ९.०० वा. सुरु होईल व बुधवार, दि. ०९ सप्टेंबर, २०२० रोज सायं.
 ५.०० वा. संपेल. परोक्ष ई-मतदान मोड्यूल सदर खांडामध्ये विहित वेळेनंतर अकार्यरत करण्यात येईल.
- ६. पुढे सूचना याद्वारे देण्यात येते की, सभासद/लाभार्थी मालक यांनी व निर्धारक तारीख (अहवाल तारीख) अर्थात ०३ सप्टेंबर, २०२० रोजी व परोक्ष ई-मतदान मॉड्युल सीडीएसएलद्वारे अकार्यरत करण्यात येईल व मतदान ठरावानंतर मतदान तारीख व वेळेपश्चात मतदान करता येणार नाही व सभासद आपले मत बदल् शकत नाहीत व गुरुवार, दि. ०३ सप्टेंबर, २०२० रोजी लाभांशाच्या हेतुकरिता निर्धारित करण्यात येईल.





पर्यावरण निपटारा

सर्व संबंधितांना सदर कळविण्यात येते की, स्टेट एन्व्हायरमेंट इम्पॅक्ट असेसमेंट अॅथॉरिटी (एसआयएए), महाराष्ट्र यांना पीएमएवाय हाऊसिंग स्कीम अंतर्गत खालील ठिकाणांसाठी पर्यावरण निपटारा मंजुर केला आहे. आणि पर्यावरण निपटारा प्रजाची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे उपलब्ध आहे आणि वेबसाईट http://parivesh.nic.in येथे सुद्धा पाहता येईल आणि सिडकोच्या वेबसाईटवर सद्धा उपलब्ध आहे.

	. 9	
अ.	ठिकाणाचे नाव	एसईआयएएचा संदर्भ क्र.
郊.		ईसी करिता मंजुरी पत्र सह तारीख
8	प्लॉट क्र. २, सेक्टर-३९,	एसआयए/एमएच/एमआयएस/१
	मानसरोवर रेल्वे स्टेशन, कामोठे	४५५२१/२०२०
	नोडे	दिनांकः ३१.०३.२०२०
2	प्लॉट क्र. ५, सेक्टर-०३,	एसआयए/एमएच/एमआयएस/१
	सानपाडा रेल्वे स्टेशन जवळ,	१७९३८/२०१९
	(नोडल साईड) सानपाडा.	दिनांकः ३१.०३.२०२०
ş	प्लॉट क्र. २० आणि २१, सेक्टर-	एसआयए/एमएच/एमआयएस/१
	३० वाशी, सानपाडा रेल्वे स्टेशन	१७८७३/२०१९
	जवळ, (हायवे साईट)	दिनांकः ३१.०३.२०२०
8	प्लॉट क्र. १, सेक्टर-२८, खांदेश्वर	एसआयए/एमएच/एमआयएस/५
	रेल्वे स्टेशन जवळ, (नोडल साईड,	०९३/२०१९
	कामोठे, नोडे, नवी मुंबई	दिनांकः ०८.०७.२०२०

सुपरिटेंडिंग इंजिनियर (हाऊसिंग-।)

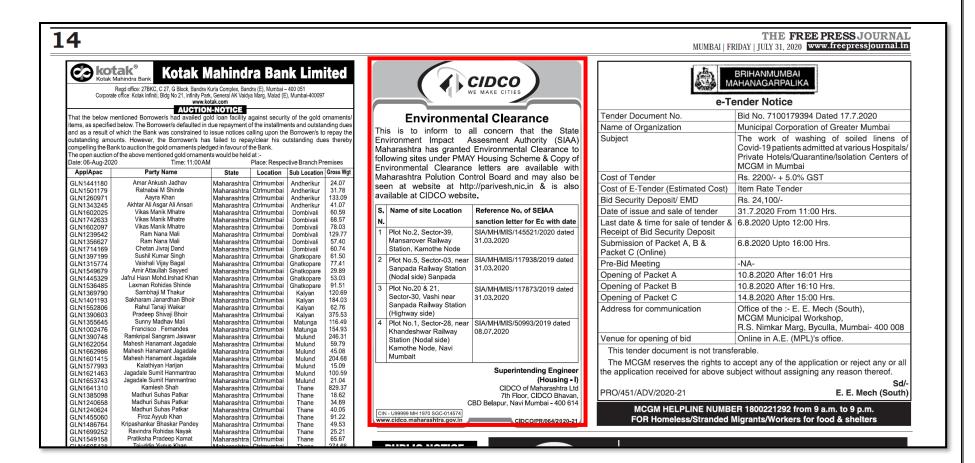
सिडको ऑफ महाराष्ट्र लि. , ७वा मजला. सिडको भवन. सीबीडी बेलापर.

> नवी मुंबई-४०० ६१४. सीडको/पीआर/०६४/२०२०-२१

CIN - U99999 MH 1970 SGC-014574 www.cidco.maharashtra.gov.in

सिडको/जनसंवर्क/०६४/२०२०-२१

English News Paper- THE FREE PRESS JOURNAL Date- 31st July 2020, page- 14



ANNEXURE NO. 6 EC Submission to NGO



CIDCO Bhavan, CBD Belapur,

: 00-91-22-6791 8166

14.07.2020

PHONE: 00-91-22-6791 8100

Navi Mumbai - 400 614.

HEAD OFFICE:

Date:

CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

(CIN - U99999 MH 1970 SGC - 014574)

REGD. OFFICE:

"NIRMAL", 2nd Floor, Nariman Point,

Mumbai - 400 021.

PHONE: 00-91-22-6650 0900 FAX: 00-91-22-2202 2509

Ref. No.

CIDCO/EE(TP-I)/2020/ - 219

To, M/s. Nayansrushti Foundation, Shop No. 32/1, Fl No.10, Sharda Complex, Ambegaon Bk, Pune, Maharashtra, India, 411046.

Sub: Regarding submission of Environment clearance copy.

Dear Sir.

We M/s, City & Industrial Development Corporation of Maharashtra LTD. (M/s. CIDCO LTD.) are developer of PMAY housing scheme. The construction project is located at Plot No. 01, Sector 28, Kamothe Node, adjacent to Khandeshwar Railway Station, Navi Mumbai (Package-III), Taluka-Panvel, Dist.-Raigad, State- Maharashtra. An Environment clearance (EC) for our project was accorded by the Environment Department, Maharashtra vide clearance letter EC letter No. SIA/MH/MIS/50993/2019 granted date – 08.07.2020.

As per specific conditions mentioned in the Environmental clearance (EC) we have to submit EC copy to Local NGO and submit acknowledgment copy to member secretary, SEIAA.

Accordingly, we hereby submit the EC copy to you for reference. This for your information and record please.

Thanking you,

Yours Sincerely,

Executive Engineer (TP-I) CIDCO Ltd., 4th Floor, Raigad Bhavan, CBD Belapur – 400 614.

(Project Proponent)

16.7.2020

* pune

In case of any corruption related complaints, please visit: www.cidco.maharashtra.gov.in Click on Dakshata link

EC Submission to Local Authorities

No. CIDCO/SE(HSG-I & NT)/2023/533/E-252471

19.10.2023

To,

Sr. Architect (BP/IHP) 4th Floor CIDCO Bhavan

CBD Belapur.

Sub: Construction of approx. 21,821 Nos. of EWS/LIG type dwelling units (Package-III) with development of commercial area & onsite infrastructure works at various locations, viz. Sanpada Station (Highway & Nodal side), Juinagar Station, Mansarovar Station, Khandeshwar Station, Khandeshwar (Creek Side) & Taloja Sector 1A, Navi Mumbai.

C. A. NO.: 02/CIDCO/CE(SP)/2019-20

Ref: i) CIDCO/Sr. Arch (BP-IHP)/BP-IHP 108/2020/127/E-192/dated 09.01.2020.

ii) CIDCO/Sr. Arch (BP-IHP)/BP-IHP 132/2020/000136/dated 13.03.2020.

iii) CIDCO/Sr. Arch (BP-IHP)/BP-IHP 111/2020/000138/dated 17.03.2020.

iv) CIDCO/Sr. Arch (BP-IHP)/ 2020/E-06/dated 30.04.2020.

Environmental Clearance Certificate for PMAY Housing Sites under Package-III

CIDCO has taken up the above subject work under *PMAY* housing scheme. The work is in progress at four working site namely Khandeshwar Railway Station (Nodal), Khandeshwar Railway Station (creek side). Mansarovar Railway Station & Juinagar Railway Station with available scope of work.

The Environmental Clearance Certificate are received for the PMAY Housing at these sites. The details of EC for all sites are as below:

Sr. No.	Working Site Name	Reference
1	Khandeshwar Railway Station (Nodal) (KD-24)	No.SIA/MH/MIS/50993/2019 dtd. 08.07.2020
2	Khandeshwar Railway Station (Creek Side) (KDX-25)	No.SIA/MH/MIS/53187/2020 dtd. 08.07.2020
3	Mansarovar Railway Station (MN-23)	No.SIA/MH/MIS/145521/2020 dtd. 31.03.2020
4	Juinagar Railway Station (Ju-18)	No.SIA/MH/MIS/52171/2019 dtd. 27.10.2020

The copy of EC for above sites are enclosed here with for information, record & necessary action. Submitted please.

Encl: EC of i) Khandeshwar Railway Station (Nodal) (KD-24)

ii) Khandeshwar Railway Station (Creek Side) (KDX-25)

iii) Mansarovar Railway Station (MN-23)

iv) Juinagar Railway Station (Ju-18)

Copy to:-

EE(TP-I) ----- For necessary Action.

Superintending Engineer (HSG-I) CIDCO Ltd., 6th Floor, CIDCO Bhavan, CBD Belapur, Navi Mumbai - 400 614.

ole

CIDCO/SR ARCH (HSG/BP-IA Received VAN