

Minutes of the 51st meeting (part-A) of the State Level Expert Appraisal Committee-2 (MMR & Konkan Division) held on 13th & 14th October 2016 at MCA Recreation Centre, Conference Room, RG-2, G-Block, Bandra Kurla Complex, Opposite to ONGC, Bandra (E), Mumbai 400051.

List of the members present during the meeting is attached separately.

Opening Remarks by the Chairman:

Chairman welcomed the members to the 51st SEAC-2 Meeting.

Consideration of projects for Environmental Clearance:

Item No.1 Application for EC for Proposed expansion of "Gigaplex- IT Park" at, Plot No. IT- 5, MIDC Knowledge Park, Airoli, Navi Mumbai

PP informed that they have received earlier EC vide letter dated 24/11/2010 which was amended on 29/09/2014 & 18/07/2016. Now, proposal is for expansion due to additional FSI available due to new IT policy. Committee noted following comparative changes due to proposed expansion/amendment:

Building No.	Configuration as per present EC	Proposed Configuration	Remarks
Bldg 1	B + Stilt+ 7 upper Floors & 8 (PT)	B + Stilt +7upper +8(PT)	No Change
Bldg 2	B + Stilt+ 2 Podium floors +10 th upper Floor + 11 th Part Floor	B+ Stilt+ 2 Pod +10 upper floor +11 th Part Floor + 12 th Part Floor	Additional 1part floor
Bldg 3	B + Stilt+ 2 Podium floors +10 th upper Floor + 11 th Part Floor	B+ Stilt+ 2 Pod +10 upper +11 th Part Floor + 12 th Part Floor	Additional 1part floor
Bldg 4	Basement +Stilt +2 Parking Floors + 12 th Upper Floors+13 th Part Floor	B+ Stilt+ 2 Pod +12 upper +13 th Part Floor + 14 th Part Floor)	Additional 1part floor
Bldg 5	B + Stilt+ 7 upper floor & 8 Part floor	B + Stilt +7 office floors +8 (pt) floor	No Change
Bldg 6	B + Stilt+ 8 upper Floors	B + Stilt +8 office floors	No Change
Bldg 7	B + Stilt+ 8 upper Floors	B + stilt + 4 podium + 5th to 15th office floor +16th (pt) floor	Additional 4 podium floors + 7 upper floors + 1part floor
Bldg 8	B + Stilt+ 8 upper Floors	B +stilt+4 podium +5th (pt) + 6th to 17th office floor+18th part	Additional 4 podium floors + 7 upper floors + 2part floor
Bldg 9	B + Stilt+ 8 upper Floors	B +stilt+4 podium +5th (pt) + 6th to 17th office floor+18th part	Additional 4 podium floors + 7 upper floors + 2part floor
Bldg 10	B+ Stilt + 2 Upper Floors	B +stilt+4 podium +5th (pt) + 6th to 17th office floor+18th part	Additional 4 podium floors + 4 upper floors + 2part floor
Bldg 11	--	B +stilt+4 podium +5th (pt) + 6th	Additional building

		to 17th office floor+18th part	
MLCP	--	B + Stilt + 5 upper floors	Additional building

Sr.No	Particulars	Present EC of 2016	Proposed change	Remark
1	Plot area	2,20,300.00 sq.m	2,20,300.00 sq.m	No change
2	Permissible FSI area	3,64,140.00 sq.m	5,95,802.14 sq.m	Additional FSI
3	Proposed FSI area	3,63,539.55 sq.m	5,95,222.36 sq.m	2,31,682.81 increase
4	Non FSI area	1,87,287.65 sq.m	6,78,744.21 sq.m	4,91,456.56 increase
5	Gross construction area	5,50,827.20 sq.m	12,73,966.57 sq.m	7,23,139.37 sq.m increase
6	Ground Coverage	32%	48%	16 % increase
7	Parking	Required: 6,431 Proposed: 6,433	Required: 11,982 Proposed: 11,985 Scooter : 2,000	5552 no of parking increased
8	Occupancy	45,419	75,466	30,047 increase
9	Water requirement	2044 CUM / day	3396 CUM / day	1352 CUM/day increase

The proposal was discussed on the basis of the draft ToR as presented by the PP. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed for ToR. PP stated that total plot area is 2,20,300 m² & total construction area of the project is 14,66,939.42 m². Committee appraised the project under 8a (B1) category of EIA Notification, 2006.

After discussion, ToR presented by PP was approved with following additional ToR:

1. PP to submit compliance report with comparative statements of conditions stipulated in earlier EC.
2. PP to submit permissions from concerned authorities for proposed environmental infrastructure.
3. PP to indicate all environmental infrastructure facilities on layout plan and submit.
4. PP to submit contour map of the project superimposed on layout plan, storm water drainage, sewer lines and 1 km area of surroundings.
5. PP to achieve 15% energy savings through renewable component & submit revised energy calculations indicating the same.
6. PP to ensure that BOD of the treated water should be 5 mg/lit.

7. PP to submit detailed light and ventilation analysis, wind analysis, shadow analysis , heat island effect & thermal analysis reports.
8. PP to submit structural stability analysis of the buildings on which vertical expansion is proposed.
9. PP to submit detailed e-waste management plan.
10. PP to also refer ToR attached as "Exhibit-A" & standard ToR published by MoEF vide order dated 10/04/15 in addition to above.

Item No.2 Application for EC for Proposed redevelopment of residential quarters for conservancy staff on plot bearing C.S.No. 57 of Dadar division, located at Dadasaheb Phalke road (Gautam Nagar) 'F/S' ward for swm staff quarters of MCGM under Ashray Yojna

PP was absent; hence the project is deferred.

Item No.3 Application for EC for Proposed redevelopment on plot bearing C.S.No. 2 of Byculla division, located at Siddharth Nagar in E ward for SWM Conservancy staff quarters of MCGM. (Ashray Yojna)

PP was absent; hence the project is deferred.

Item No.4 Application for EC for Proposed Residential Complex at S.No 27, H.No 3A, Waliv, Vasai, Palghar

Representative of PP, Ashwin Mehta & Architect Chirag Mistry were present during the meeting along with environmental consultant M/s EAEPL.

PP informed that they have not received N.A. permission, water supply permission, CFO NOC & plans are yet to be approved etc. PP to submit any one of the permission received for the project.

In view of above, the proposal is deferred and shall be considered afresh after the compliance of above observations submitted for reconsideration.

Item No.5 Application for EC for proposed Residential Project "Mahaveer Square"
at Plot Bearing S. Nos. 59A/2A, 59A/16A/1/1, Chitalsar - Manpada,
Thane

Representative of PP, Manish Shah & Architect Lelvin Rodridge were present during the meeting along with environmental consultant M/s Mahabal.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 5767 m² & total construction area proposed in this meeting of the project is 28,259.86 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

Sr. No.	Description	Details	Unit
1	Name & Location of project	Proposed Residential project "Mahaveer Square"	
2	Previous Permissions pertaining to the project, if any	No	
3	Initiation of Construction, if any	No new work has been started	
4	Plot Area	5,767.00	m ²
5	Net Plot area	4,901.95	m ²
6	FSI Area	15,310.20	m ²
7.	Non FSI Area	12,949.66	m ²
8.	Total Construction Area	28,259.86	m ²
9.	Building Configuration & Height of the buildings	1 Building: St + 2P + 1 to 28 floors with 91.95 m height	
10.	No. of tenements	Sale: 197 MHADA: 21	Nos.
11.	Shops	NA	
12.	Water requirement	147	KLD
13.	Sewage generation	137	KLD
14.	STP Capacity and STP technology	150 KLD with Oxidic- Anoxic technology	
15.	Total Solid waste Quantities	545	Kg/day

16.	RG Area	1002.46	m ²
17.	No. of trees	60	Nos
18.	Energy efficiency	20	%
19.	Parking	4W: 377, 2W:220	Nos.
20.	Power requirement	Demand Load: 1.3	MW
21.	D.G. Set Capacity	500	kVA
22.	RWH Tank Capacity	30	m ³
23.	EMP Cost (Including DMP cost)	Capital Cost : 266.9 Lakh , O&M: 33.7 Lakh/yr	Rs.
24.	CRZ status	Not Applicable	

During discussion following points emerged:

1. PP, if applicable, to obtain NOC from Wild Life Board in terms of OM of MoEF dated 30/03/2015. Further, it is informed that part of the project falls within 300 m of SGNP. PP & concerned Municipal Corporation to ensure the compliance of the NGT order dated 03/12/2015 in the application MA.No.125/2014 before issuing commencement certificate for further construction permissions in the area.
2. PP to incorporate solar trees to increase solar energy component.
3. PP to submit letter of commitment for drinking water to the project from Municipal Corporation.
4. PP to ensure that BOD of the treated water should be 5 mg/lit.
5. PP to construct trap drains to avoid the flooding in the project.
6. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.6 Application for EC for proposed Residential Project "MARATHON ICON" at C.S. No. 2/142, Lower Parel Division, Lower Parel, Mumbai, State. Maharashtra

PP requested to consider the project on 19/09/2016; Committee accepted the same.

Item No.7 Application for Ec for proposed Residential building at CTS No. E/86/12 & E/99A , Village Bandra, Dr. Ambedkar Road, Khar (W), Andheri, Mumbai Suburban district

PP was absent; hence the project is deferred.

Item No.8 Application for EC for Proposed New Construction Projects and Industrial Estates "Saifee Burhani Upliftment Project" at C.S. No. 3571 to 3576, 1/3572, 3577 to 3592, 3601 to 3616, 1/3609, 4394, 4396, 3671 to 3677, 1/3673, 3653 to 3670, 3638 to 3652, 1/3643, 1/3644, 1/3652, 3628 to 3637, 1/3626, 3627, 4186 to 4198, 4179 to 4184, 4199 to 4220, 4232 to 4250, 4251 to 4263, 4280 to 4291, 1/4281, 4275 to 4279, 4292 to 4298, 1/4299, 4300, 4303 to 4305, 4308, 1/4308, 4309, 4310, 4312 to 4314, 1/4309, 4315 to 4326, 4264 to 4268, 4270 to 4272, 4273, 4274, 4161 to 4178, 4221 to 4231, 1/4227, 4327 to 4341, 4342, 4343, 4358, 4361 Bhuleshwar Division in C-Ward, situated at Maulana Shaukatali road, S.V.P. road, mutton street & Ebrahim Rehmatullah road known as Bhendi bazaar

PP informed that they have received earlier EC vide letter dated 3rd May 2013 for total construction area of 7,07,275.67 m². PP informed that they have completed construction admeasuring 7,000 m² ((Cluster 1 + Cluster 3) as per EC. Committee noted following comparative changes due to proposed expansion/amendment:

As per EC received	Proposed Amendment & Expansion in EC	Remarks
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Composite Buildings		
Cluster 1		
Basement + Ground + 2 shopping floors + 2 wings Wing 1A: 3 rd to 15 th upper floors Wing 1B: 3 rd to 11 th upper floors Redevelopment: Flats: 58 Nos. Shops: 232 Nos. Rooms: 88 Nos.	3 Basements + Lower Ground + Ground + 3 shopping floors + 2 wings Wing 1A: 4 th to 19 th upper floors Wing 1D: 4 th to 17 th upper floors Redevelopment: Flats: 101 nos. Shops: 232 nos. Sale: Flats: 153 nos.	Increase in two basement levels Increase in 2 no. of shopping floor Floors increased by 4 nos. in Wing A & 6 nos. in Wing D Reduction in flat/ room nos. by 45 nos. in redevelopment 153 nos. of flats of sale component is proposed
Existing Masjid to be retained: 3 nos.	Existing Masjid to be retained: 2 no. Existing Masjid to be redeveloped: 1 nos.	-

As per EC received	Proposed Amendment & Expansion in EC	Remarks
Cluster 2		
B + G + 2 floors [part shopping / part parking (3 levels)] + 3 rd parking floors + 4 th amenity floors + 2 wings Wing 2A: 5 th to 31 st upper floors Wing 2B: 5 th to 23 rd upper floors Redevelopment: Flats: 652 Nos. Shops: 185 Nos.	3 Basements + Ground + 2 shopping floors + 3 rd to 9 th parking floor + 10 th amenity floor + 2 wings Wing 2A: 11 th to 40 th floors Wing 2B: 11 th to 47 th floors Redevelopment: Flats: 578 nos. Shops: 185 nos. Sale: Flats: 224 nos.	Floors increased by 9 nos. in Wing 2A Wing 2A is now proposed for sale component and 224 nos. of flats are proposed Floors increased by 24 nos. in Wing 2B. Reduction in redevelopment flats by 74 nos.
--	Imambada	Earlier proposed in Cluster 6

As per EC received	Proposed Amendment & Expansion in EC	Remarks
Cluster 3		
B + G + 2 floors [part shopping / part parking (3 levels)] + 3 rd & 4 th parking floors + 5 th amenity floors + 2 wings Wing 3A: 6 th to 30 th upper floors Wing 3B: 6 th to 37 th upper floors Redevelopment: Flats: 582 Nos. Shops: 172 Nos.	Basement + Ground + 2 shopping floors + 3 rd to 6 th parking floor + 7 th amenity floor + 2 wings Wing 3A: 8 th to 36 th upper floors Wing 3B: 8 th to 41 st upper floors Redevelopment: Flats: 633 Nos. Shops: 172 Nos.	<ul style="list-style-type: none"> Floors increased by 6 nos. in Wing A & 4 nos. in Wing B Increase in flat no by 51 nos.
Cluster 4		

<p>B + G + 2 floors [part shopping / part parking (3 levels)] + 3rd & 4th parking floors + 5th amenity floors + 2 wings</p> <p>Wing 4 A: 6th to 42nd upper floors</p> <p>Wing 4 B: 6th to 45th upper floors</p> <p>Redevelopment:</p> <p>Flats: 707 Nos.</p> <p>Shops: 152 Nos.</p>	<p>3 Basements + Ground + 2 shopping floors + 3rd to 7th parking floor + 8th amenity floor + 2 wings</p> <p>Wing 4A: 9th to 41st upper floors</p> <p>Wing 4B: 9th to 44th upper floors</p> <p>Redevelopment:</p> <p>Flats: 445 Nos.</p> <p>Shops: 152 Nos.</p>	<ul style="list-style-type: none"> Floors reduced by 1 no. in Wing A & Wing B Decrease in flat no by 262 nos.
Existing Masjid to be retained: 1 no	Existing Masjid to be retained: 1 no	<ul style="list-style-type: none"> No change

As per EC received	Proposed Amendment & Expansion in EC	Remarks
Cluster 5		
<p>2B + G + 2 floors [part shopping/ part parking (3 levels)] + 3rd & 4th parking floors + 5th amenity floors + 2 wings</p> <p>Wing 5A: 6th to 34th upper floors</p> <p>Wing 5B: 6th to 40th upper floors</p> <p>Redevelopment:</p> <p>Flats: 531 Nos.</p> <p>Shops: 123 Nos.</p>	<p>3 Basements + Ground + 2 shopping floors + 3rd to 7th parking floor + 8th amenity floor + 2 wings</p> <p>Wing 5A: 9th to 40th upper floors</p> <p>Wing 5B: 9th to 43rd upper floors</p> <p>Redevelopment:</p> <p>Flats: 443 Nos.</p> <p>Shops: 123 Nos.</p>	<p>Floors increased by 6 no. in Wing A & 3 no. Wing B</p> <p>Decrease in flat no by 88 nos.</p>
<p>Existing Buildings to retained:</p> <p>1 Building (Shops & School):</p> <p>G + 5th floors</p> <p>Shops: 18 Nos.</p> <p>1 residential building:</p> <p>Stilt + 21 floors</p> <p>Flats: 83 Nos.</p> <p>Shops: 20 Nos.</p> <p>Existing Masjid to be retained: 1 no.</p>	<p>Existing Buildings to retained:</p> <p>1 Building (Shops & School):</p> <p>G + 5th floors</p> <p>Shops: 18 Nos.</p> <p>1 residential building:</p> <p>Stilt + 21 floors</p> <p>Flats: 83 Nos.</p> <p>Shops: 20 Nos.</p> <p>Existing Masjid to be retained: 1 no.</p>	No change

As per EC received	Proposed Amendment & Expansion in EC	Remarks
Cluster 6		
<p>B + G + 2 floors [part shopping / part parking (3 levels)] + 3rd to 5th parking floors + 6th amenity floors + 2 wings</p> <p>Wing 6A: 7th to 46th upper floors</p> <p>Wing 6B: 7th to 50th upper floors</p> <p>Redevelopment:</p> <p>Flats: 901 Nos.</p> <p>Shops: 221 Nos.</p> <p>Imambada: 01 no.</p>	<p>3 Basements + Ground + 2 shopping floors + 3rd to 7th parking floors + 8th amenity floor + 2 wings</p> <p>Wing 6 A: 8th to 45th upper floors</p> <p>Wing 6 B: 8th to 48th upper floors</p> <p>Redevelopment:</p> <p>Flats: 991 Nos.</p> <p>Shops: 221Nos.</p>	<p>Floors decreased by 1 no. in Wing A & decreased by 2 nos. in Wing B</p> <p>Increase in flat no by 90 nos.</p>
Cluster 7		

<p>B + G + 2 shopping floors + 3rd to 9th parking floors + 10th Amenity floors + 11th to 41st upper floors</p> <p>Redevelopment: Shops: 84 Nos. Sale: Flats: 228 Nos.</p>	<p>3 Basements + Ground + 2 shopping floors + 3rd to 7th parking floor + 8th amenity floor + 9th to 47th upper floors</p> <p>Redevelopment: Flats: 419 Nos. Shops: 84 Nos.</p>	<p>Cluster 7 is now proposed in redevelopment component with 419 no of flats Floors increased by 6 nos.</p>
Cluster 9		
Existing Masjid to be retained: 2 no	Existing Masjid to be retained: 2 nos.	No change

As per EC received	Proposed Amendment & Expansion in EC	Remarks
Cluster 8		
<p>B + G + 2 floors [part shopping/part parking (3 levels)] + 3rd to 6th parking floors + 7th amenity floors + 2 wings</p> <p>Wing 8A & 8C: 8th to 50th upper floors</p> <p>Wing 8B: 8th to 58th upper floors</p> <p>Redevelopment: Shops: 172 Nos. Sale: Flats: 1196 Nos.</p>	<p>3 Basements + Ground + 2 shopping floors + 3rd to 10th parking floor + 11th amenity floor with 3 wings</p> <p>Wing 8A: 12th to 67th upper floors</p> <p>Wing 8B: 12th to 21st upper floors</p> <p>Wing 8C: 12th to 74th upper floors</p> <p>Redevelopment: Shops: 172 Nos. Sale: Flats: 1436 Nos.</p>	<ul style="list-style-type: none"> Floors increased by 17 nos. and 16 nos. in Wing A and C respectively and reduced by 29 nos. in Wing B. Increase in flat no by 240 nos.
Reservation		
Cluster 4		
<p>2B (Parking Lot Reservation) + G. floor (Refuge shed) + 1st & 2nd floors [Public toilet] + 3rd floors (Municipal Chowki) & 4th (Store shed)</p>	<p>2B (Parking Lot Reservation) + Ground floor (Refuge shed) + 1st & 2nd floors [Public toilet] + 3rd floor (Municipal Chowki) & 4th (Store shed)</p>	No change
Cluster 9		
<p>MHADA/MCGM Public housing: B + Stilt + 2nd to 32nd floors + 33rd part floor</p> <p>Flats: 215 nos.</p>	<p>MHADA/MCGM Public housing: B + Stilt + 2nd to 32nd floors + 33rd part floor</p> <p>Flats: 215 nos.</p>	No change
Municipal Primary School: 1 no.	Municipal Primary School: 1 no.	

Sr. No	Description	As per EC received	Expansion & Amendment & Expansion in EC	Remarks
1	Total plot area (Sq. mt.)	66264.74	65429.00	Proposed to be decreased by 835.74 sq. mt.

2	Ground Coverage Area (Sq. mt.)	36144.78	36691.00	Proposed to be increased by 546.22 sq. mt.
3	R.G. (Sq. mt.)	7921.25	7826.22	Proposed to be decreased by 95.03 sq. mt
4	Permissible Built up area as per FSI (Sq. mt.)	330731.42	437939.00	Proposed to be increased by 1,07,207.58 sq. mt. as per the actual certification carried out by MHADA and addition of fungible area in permissible Built-up area as per FSI in line with new DCR dated 6.1.2012
5	Proposed Built -up Area as per FSI (Sq.mt.)	328095.38	434639.00	Proposed to be increased by 1,06,543.62 sq. mt. due to increase in permissible FSI.
6	Proposed Built-up Area as per Non FSI (Sq.mt.)	379180.29	ju434084.00	Proposed to be increased by 54903.71 sq. mt.
7	Total Construction Built - up Area (Sq.mt.)	707275.67	868723.00	Proposed to be increased by 161447.33 sq. mt.

The proposal was discussed on the basis of the draft ToR as presented by the PP. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed for ToR. PP stated that total plot area is 65,429 m² & total construction area of the project is 8,68,723 m². Committee appraised the project under 8a (B1) category of EIA Notification, 2006.

After discussion, ToR presented by PP was approved with following additional ToR:

1. PP to submit compliance report with comparative statements of conditions stipulated in earlier EC.
2. PP to submit permissions from concerned authorities for proposed environmental infrastructure.
3. PP to indicate all environmental infrastructure facilities on layout plan and submit.
4. PP to submit HRC permission for proposed height of the buldings.
5. PP to submit contour map of the project superimposed on layout plan, storm water drainage, sewer lines and 1 km area of surroundings.
6. PP to achieve 15% energy savings through renewable component & submit revised energy calculations indicating the same.
7. PP to ensure that BOD of the treated water should be 5 mg/lit.

8. PP to submit detailed light and ventilation analysis, wind analysis, shadow analysis, heat island effect & thermal analysis reports.
9. PP to submit structural stability analysis of the buildings on which vertical expansion is proposed.
10. PP to submit revised socio economic analysis indicating impacts in and around the project. PP to quantify socioeconomic impacts by following specific established methods keeping in view and study similar development in the region around 5 km radius of the project.
11. Proper design of storm water drainage considering all phases of project area should be done to ensure that it should not overload outside storm water drain & submit along with storm water drainage calculations. Storm water drainage should be designed as per guidelines given in SP:IRC-50.
12. PP to also refer ToR attached as "Exhibit-A" & standard ToR published by MoEF vide order dated 10/04/15 in addition to above.

Item No.9 Application for EC for Proposed Residential Project with shopline at Gut.No.50, Plot.No.2, Kambalgaon village, Taluka & District Palghar

Representative of PP, Siddhant Vaze & Architect Ajay Wade were present during the meeting along with environmental consultant M/s Mahabal. PP informed that they have received Town Planning Approval.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 68,456.58 m² & total construction area proposed in this meeting of the project is 92,584.40 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

Sr. No.	Description	Details	Unit
1	Name of the project	Proposed Residential development with Shopline	
2	Previous permissions to the project if any	No	
3	Initiation of Construction if any	No	
4	Plot Area	68,456.58	m ²
5	Net Plot area	60,966.90	m ²
6	FSI Area	75,149.88	m ²
7	Non-FSI Area	17,434.52	m ²
8	Total Construction Area	92,584.40	m ²
9	Building Configuration	Type A, A1,B, C, C1 bldgs- G(P)+STILT(P)+4, Type D bldgs- G+4: Total 105 bldgs	Floors
10	No. of Tenements	2234	Nos
11	Shops	942.65	Sq.m.
12	Total Water Requirement	1516	KLD
13	Sewage Generation	1416	KLD
14	STP Capacity(Phytorid Technology)	1500	KLD
15	Total Solid waste Quantity Biodegradable waste (Treated by mechanical composting)	3,374 2,249	kg/d kg/d
16	RG Area	6,500	m ²
17	No. of trees	650	Nos.
18	Energy Efficiency	29.6	%
19	Parking 4W & 2W	4W: 9, 2W: 2820, Cycle: 2820.	Nos
20	Power requirement	6	MW
21	D.G. set capacity	1500	kVA
22	RWH tank Capacity	740	KLD
23	EMP Cost (Including DMP Cost)	Capital Cost : 914 Lakh, O&M: 85 Lakh/yr	Rs.
24	CRZ Status	NA	

During discussion following points emerged:

1. PP to ensure adequate space around the proposed buildings for free and unhindered fire tender movement so that in case of fire hazard, the fire brigade will get direct access to every flat in the building.
2. PP to submit copy of the town planning approval received.
3. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.10 Application for EC for Proposed redevelopment at Property bearing C.

S. No. 1/750, 1A/750 & 751, Rambhau Bhogale Marg, Mazgaon Division, Mumbai

Representative of PP, Bharat Nahar & Architect Kalpesh Shah were present during the meeting along with environmental consultant M/s Mahabal. PP informed that they have received earlier EC vide letter dated 01/12/2014 for total construction area of 29,768.60 m². Proposal is for amendment the EC as per addition the adjacent land (1,481.19 m²) and revised the planning. Foundation work is in progress for sale building. Proposal is with 1 Rehab Building with 4 wings and 1 Sale Building.

Committee noted following comparative changes due to proposed expansion/amendment:

Sr. No.	Project Details	Details as per EC Received	Proposed (Amendment in EC)	Remarks
1	Sr. Nos.	C. S. No. 751	C. S. No. 751, 1/750 & 1A/750	Additional land purchased
2	Plot Area (m ²)	3219.92	4701.11	Additional land purchased
3	FSI Area (m ²)	16,880.13	28,987.40	Due to additional Plot
4	Non FSI Area (m ²)	12,888.47	27,833.82	Due to additional Plot
5	Total Construction Area (m ²)	29,768.60	56,821.22	Due to additional Plot

6	No of buildings	Rehab Building: Wing A & B: B+Gr+2 nd to 23 rd Upper floor Sale Building: Wing C & D: B+Gr+5P +6 th to 22 rd Upper floor	Rehab Building: Wing A & B: B+Gr+1 service floor + 2 nd to 23 rd Upper floor Rehab Building: Wing C & D: B+Gr+1 service floor+ 2 nd to 17 th Upper floor Sale Building: Wing AAA: B+Gr+1 to 5 P + 6 th to 54 th Upper floor	Additional land purchased and Change in planning
7	Tenement	271 Nos.	484 Nos.	Flats increased
8	Shops	28 Nos.	40 Nos.	Shops increased
9	Water requirement (KLD)	181	333	Increased
10	Sewage generation (KLD)	168	310	Increased
11	STP Capacity (m ³)	175	325	Increased
12	Solid Waste (kg/d)	670	1210	Increased
13	Parking (Nos.)	121	259	Increased

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 4,701.11 m² & total construction area proposed in this meeting of the project is 56,821.22 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

Sr. No.	Description	Details	Unit
1	Name & Location of project	Amendment in EC for redevelopment of Ravji Sojpal Chawl at Property bearing C. S. No. 751, 1/750 & 1A/750 situated at Rambhau Bhogle Marg, Mazgaon Division, Mumbai	
2	Previous Permissions pertaining to the project, if any	Yes, We have Obtained EC vide No. SEAC- 2013/CR - 283/TC -1 dated 01.12.2014	
3	Initiation of Construction, if any	No new work has been started	
4	Plot Area	4701.11	m ²
5	Net Plot area	4686.87	m ²
6	FSI Area	28,987.40	m ²

7.	Non FSI Area	27,833.82	m ²
8.	Total Construction Area	56,821.22	m ²
9.	Building Configuration & Height of the buildings	Rehab Building: Wing A & B: B+Gr+1 service floor + 2 nd to 23 rd Upper floor Rehab Building: Wing C & D: B+Gr+1 service floor+ 2 nd to 17 th Upper floor Sale Building: Wing AAA: B+Gr+1 to 5 P + 6 th to 54 th Upper floor	
10.	No. of tenements	484	Nos.
11.	Shops	40	Nos.
12.	Water requirement	333	KLD
13.	Sewage generation	310	KLD
14.	STP Capacity and STP technology	325 KLD with Oxic- Anoxic technology	
15.	Total Solid waste Quantities	1210	Kg/day
16.	RG Area	595.4	m ²
17.	No. of trees	31	Nos
18.	Energy efficiency	21	%
19.	Parking	4W: 259	Nos.
20.	Power requirement	Demand Load: 4.5	MW
21.	D.G. Set Capacity	2 x 500	kVA
22.	RWH Tank Capacity	75	m ³
23.	EMP Cost (Including DMP cost)	Capital Cost : 467.1 Lakh , O&M: 58.3 Lakh/yr	Rs.
24.	CRZ status	Not Applicable	

During discussion following points emerged:

1. PP to ensure that parking space provided should be as per NBC norms.
2. PP to ensure adequate space around the proposed buildings for free and unhindered fire tender movement so that in case of fire hazard, the fire brigade will get direct access to every flat in the building.
3. Turning radius of the internal roads should be 9 m for adequate fire tender movement.
4. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the

orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.11 Application for EC for the project "Sarvodaya Grandeour Phase I & II" proposed residential cum commercial on plot bearing New S.No.3, old S.No.92, H.No.1,2 & 3 ----village Kanchangaon, Taluka Kalyan, Thane

PP was absent; hence the project is deferred.

Item No.12 Application for EC for proposed Redevelopment project at 91 Neapean sea road, C.S. No 233, Malabar-Cumballa Hill division, Mumbai

Representative of PP, Sandeep Runwal & Architect Pallavi Matkari were present during the meeting along with environmental consultant M/s Ultratech. PP informed that they have received NOC from MHADA dated 02/02/2016. PP also informed that they have received CRZ NOC dated 16/07/2012 & 24/02/2015. PP submitted following details for the project:

Bldg Description	Area in Sq mt.		
	FSI Area	Non FSI	Total Constr. Built-up
2 Basements + Ground floor on stilt, partly for car parking and partly for entrance lobby +1 st to 8 th Podium levels for car parking +9 th service floor+10 th Stilt floor +11 th to 20 th residential floors	5107.07	14887.37	19994.44

- The total constructed work on site till date - 19,375.22 Sq.mt.
- Further received **MHADA NOC** dt. 20th October 2015 & 2nd Feb 2016 **for FSI 3.00**. Also obtained approval for PPL from Govt. Of Maharashtra
- **Details of the proposal submitted for amendment is as under:**

Bldg Description	Area in Sq mt.		
	FSI Area	Non FSI	Total Constr. Built-up

2 Basements + Ground floor on stilt, partly for car parking and partly for entrance lobby +1 st to 8 th Podium levels for car parking +9 th service floor+10 th Stilt floor +11 th to 34 th + 35 th (part) residential floors	10255.31	19582.06	29837.37
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- Received CFO NOC dt. 17.07.2015 & High-rise NOC dt. 04.08.2015

PP informed that they have completed construction admeasuring 19,375.22 m² prior to EC. Further, PP requested to reappraise the project as per circular of Environment Dept. dated 21/04/2015 issued on the basis of High Court orders. Committee observed that construction admeasuring 19,375.22 m² prior to EC is violation of the provisions of EIA Notification. However, considering High Court orders and subsequent circular of Environment Department dated 21/04/2015, Committee appraised the matter.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 2048.96 m² & total construction area proposed in this meeting of the project is 29,837.37 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

No.	Description	Details	
1	Name & Location of the project	'Runwal Eden' Redevelopment project at Malabar-Cumballa Hill division known as 91 Neapean sea road, Mumbai"	
2	Plot Area	2048.96 Sq.mt.	
3	Net Plot Area	2048.96 Sq.mt.	
4	FSI Area	10255.31 Sq.mt.	
5	NON FSI Area	19582.06 Sq.mt.	
6	Total Construction Area	29837.37 Sq.mt.	
7	Building Configuration & Height of the buildings	1 Building : 2 Basements + Ground floor on stilt, partly for car parking and partly for entrance lobby +1 st to 8 th Podium levels for car parking +9 th service floor+10 th Stilt floor +11 th to 34 th + 35 th (part) residential floors .	Height 130.65 m (up to terrace level)

8	No. of Tenements	MHADA: Flats:11 Nos. Redevelopment: 36 Nos. Sale: 29 Nos.
10	Total Water Requirement	53 KLD
11	Sewage Generation	44 KLD
12	STP Capacity	75 KL (Moving Bed Bio Reactor technology)

No.	Description	Details
13	Total Solid waste Quantities	171 kg/day
14	RG Area	Required RG is Nil as plot area is less than 2500 sq.mt.
15	No. of trees	New Tree Plantation: 18 Nos.
16	Energy Efficiency	Provision of Solar system for external lighting Provision of water heating system All motors with VFD control High efficiency motors & Pumps Use of Electronic Ballast Use of LED Lights in common area Total Saving : 20%
17	Parking 4W & 2W	Captive Parking : 4W: 166 Nos. Public Parking : 58 Nos.
18	Power requirement	Connected load: 1537 KW, Maximum demand: 593 KW
19	D.G. set capacity	Sale : 2 of 320 kVA each MCGM parking : 1 of 200 kVA
20	RWH tank Capacity	1 RWH tank of capacity 20 KL
21	EMP Cost (Including DMP Cost)	For Construction phase: Rs. 85.36 Lacs For Operation phase: Set Up cost : Rs.480.93 Lacs O & M cost: Rs. 29.35Lacs/annum
22	CRZ Status	The plot under reference is located in C.R.Z II and landward side of existing Nepean Sea Road. Received CRZ recommendation from MCZMA on 16.07.2012 & 24.02.2015

During discussion following points emerged:

1. PP & Architect to submit undertaking on legal paper regarding construction undertaken is by them is less than 20,000 m² & if it is false, PP is liable for further legal action as per the law. PP to submit detailed statement for the construction completed till date.

2. PP informed that they have received HRC permission. PP to submit copy of the same.
3. PP to provide air cleaning in basement for adequate ventilation.
4. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.13 Application for EC for Expansion of "Proposed Residential & Commercial Development" at CTS No. 283 A, 283 B & 283 C, LBS Marg, Bhandup, Kurla, Mumbai

Representative of PP, Jagdish Talreja & Architect Manisha Vishwasrao were present during the meeting along with environmental consultant M/s EAEPL. PP submitted following details regarding their project:

- The proposed project is located at C.T.S. No. 283A, 283B and 283C, of village Bhandup L.B.S. Marg, Bhandup (West), Taluka- Kurla, Mumbai Suburban District, 400078. The site is accessible from 30.50 m wide LBS marg.
- The proposed project received amended EC on 28th January 2016 vide SEAC 2014/CR-167/TC-1 for B.U. Area (FSI + Non FSI) = 84,754.594 sq.mt.
- The development is initiated after receiving EC and following construction has taken place: 3 basements + wing A: 36 floors + wing B: 34 floors comprising B.U. Area (FSI + Non FSI) of 75,865.96 sq.mt.
- The amendment is due to increase in net plot area as area of land for amenity is reduced as per the revised I to C permission issued by MCGM.
- The additional FSI area is used by adding one floor in the commercial sale building to provide offices. Due to this the construction area increases by 0.53 %.
- The RG area requirement is increased from 4,095.05 sq.mt. to 4,134.59 sq.mt. The RG area provided in the layout is 4,505.42 sq.mt., which suffice the requirement of RG to the proposal as per DCR.

PP informed that they have received earlier amended EC vide letter dated 28/01/2016. Committee noted following comparative changes due to proposed expansion/amendment:

Sr. No	Project Details	Units	As per amended EC dated 28th January 2016	Modification proposed	Remarks
1	Plot Area	Sq.mts.	17,408.800	17,408.800	No Change
2	Deductions (Road setback + Amenity Space)	Sq.mts.	1,028.62 (166.50+ 862.12)	870.44 (166.50+ 703.94)	Decreased
3	Net Plot area	Sq.mts.	16,380.18	16,538.36	Minor increase
4	Permissible FSI area	Sq.mts.	40,834.26	41,185.40	Minor increase
5	Proposed FSI Area	Sq.mts.	40,833.62	41,185.40	Minor increase
6	Non FSI Area	Sq.mts.	43,920.974	44,014.373	Minor increase
7	Total Build Up Area	Sq.mts.	84,754.594	85,199.773	0.53 % Increase in Total Built Up Area

Sr. No	Project Details	Units	As per amended EC dated 28th January 2016		Modification proposed		Remarks
8	No. Of Building and Its Configuration	--	Residential: 1 Building: Two Wings: Wing A & B: basement 3 nos. + Stilt + 36 Floors each Club House: Ground + 1 Floor Commercial (Shops): 1 Building: Ground + 1 Floor Repair & Reconstruction of Existing Petrol Pump: Ground + 1 floor		Residential: 1 Building: Two Wings: Wing A & B: basement 3 nos. + Stilt + 36 Floors each Club House: Ground + 1 Floor Commercial (Shops + Offices): 1 Building: Ground + 2 Floors Repair & Reconstruction of Existing Petrol Pump: Ground + 1 floor		No change in Residential. One floor is added to Commercial.
9	Number of Tenements , Shops & Petrol Pump	Nos.	Residential tenement	503	Residential tenement	503	Minor Change due to addition in commercial development
			Shops	8	Shops	6	
			Petrol Pump	1	Offices	12	
					Petrol Pump	1	

Sr. No	Project Details		Units	As per amended EC dated 28th January 2016		Modification proposed		Remarks
10	Number of Expected Users		Nos.	Residential	2,515	Residential	2,515	Minor increase
				Shops	34	Shops	52	
						Offices	29	
				Petrol Pump	167	Petrol Pump	167	
11	Height of The Building		Mts.	Residential	121.35	Residential	121.35	No Change in residential Bldg. Addition in Commercial Bldg.
				Commercial Bldg.	6.15	Commercial Bldg.	12.00	
				Petrol Pump	7.00	Petrol Pump	7.00	
12	Water Requirement	Fresh Water	KLD	Residential + Shops = 241.0 Petrol Pump = 8.0		Residential + Shops + Offices = 242.0		Minor increase

				Petrol Pump = 8.0	
		Flushing		Residential + Shops = 119.0	Residential + Shops + Offices = 120.0
		Landscape		25	25

Sr. No	Project Details		Units	As per amended EC dated 28th January 2016	Modification proposed	Remarks
13	Sewage And Waste Water	Sewage Generation	KLD	Residential + Shops = 304	Residential + Shops + Offices = 306	Minor increase
		STP Capacity		Residential + Shops = 350	Residential + Shops + Offices = 350	Minor increase in sewage qty can be treated in the already proposed STP of 350 KLD.
14	Solid Waste	Biodegradable	Kg/ Day	Residential + Shops = 811	Residential + Shops + Offices = 815	Minor increase
		Non-Biodegradable		Residential + Shops = 382	Residential + Shops + Offices = 393	
		STP (Dry) Sludge		Residential + Shops = 35	Residential + Shops + Offices = 35	

Sr. No	Project Details		Units	As per EC dated 28th January 2016	Modification proposed	Remarks
15	R.G. Area required		Sq. mt.	4,095.05	4,134.59	Increased
	R.G. Area proposed			4,505.42	4,505.42	No Change
16	Energy	Connected Load	KW	Residential + Shops = 8,960 Petrol Pump = 145	Residential + Shops + Offices = 8,992 Petrol Pump = 145	Minor increase
		Maximum Demand	KW	Residential + Shops = 2,960 Petrol Pump = 80	Residential + Shops + Offices = 2,968 Petrol Pump = 80	
		DG Sets	KVA	Residential = 2 nos. DG of 625	Residential = 2 nos. DG of 625 Shops + Offices = 1 no. DG of 125	Minor change
17	Parking	Permissible 4 wh.		801	814	Minor increase
		Proposed: 4 wheelers		801	802	Minor Change
		Proposed: 2 wheelers		141	141	

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 17,408.800 m² & total construction area proposed in this meeting of the project is 85,199.773 m². Committee noted that the project is under 8a (B2)

category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

Sr. No.	Description	Details
1.	Name & Location of the project	"Kalpataru Crest" at Plot bearing C.T.S. No. 283A, 283B and 283C, of village Bhandup (W), L.B.S. Marg, Bhandup (W), Taluka - Kurla, Mumbai Suburban District 400078, State - Maharashtra
2.	Previous Permissions pertaining to the project, if any	Amended EC obtained on 28th January 2016 vide SEAC 2014/CR-167/TC-1 for B.U. Area (FSI + Non FSI) = 84,754.594 sq.mt.
3.	Initiation of Construction	Residential towers under construction. Construction area carried out = 75,865.96 sq.mt.
4.	Plot Area	17,408.800 sq.mt.
5.	Net Plot area	16,538.36 sq.mt.
6.	FSI Area	41,185.40 sq.mt.
7.	Non-FSI Area	44,014.373 sq.mt.
8.	Total Construction Area	85,199.773 sq.mt.
9.	Building Configuration & Height of the buildings	Residential: 1 Building with Two Wings: Wing A & B: basement 3 nos. + Stilt + 36 Floors each Club House: Ground + 1 Floor Commercial (Shops + Offices): 1 Building: Ground + 2 Floors Repair & Reconstruction of Existing Petrol Pump: Ground + 1 floor
10.	No. of Tenements	503
11.	Shops	Shops- 6, offices - 12, Repair & reconstruction of existing petrol pump
12.	Total Water Requirement	387 KLD
13.	Sewage Generation	306 KLD
14.	STP Capacity (MBBR Technology)	350 KLD
15.	Total Solid waste Quantities	Biodegradable Waste -815 kg/day Non-biodegradable waste-393 Kg/day
16.	RG Area :	4,505.42 sq.mt.
17.	No. of Trees	200 Nos.
18.	Energy Efficiency	Total energy savings = 20 %
19.	Parking 4W & 2W	2- Wheeler :141 nos. 4-Wheeler : 802 nos.

20.	Power requirement	Connected Load- 8992 kW Maximum Demand- 2968 kW
21.	D.G. set capacity	2 nos. DG of 625 KVA 1 no. DG set of 125 KVA
22.	RWH tank Capacity	RWH pits proposed.
23.	EMP Cost (Including DMP Cost)	Setting up cost - 112.92 lacs/annum Annual Maintenance and Operational Cost - 37.94 lacs/annum
24.	CRZ Status	Land not affected by CRZ

During discussion following points emerged:

1. PP to submit compliance report with comparative statements of conditions stipulated in earlier EC.
2. PP to submit copies of earlier ECs received to for the project.
3. Structural reanalysis & stability audit report for the buildings on which vertical expansion is proposed.
4. PP, if applicable, to obtain NOC from Wild Life Board in terms of OM of MoEF dated 30/03/2015. Further, it is informed that part of the project falls within 5 kms of SGNP. PP & concerned Municipal Corporation to ensure the compliance of the NGT order dated 03/12/2015 in the application MA.No.125/2014 before issuing commencement certificate for further construction permissions in the area.
5. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.14 Application for EC For RESIDENTIAL PROJECT (Proposed Slum Rehabilitation Scheme) at Plot Bearing C.S No. 426, 427(pt), 1/431, 431, 432 (pt), 1/437, 437(pt), 440(pt), 645(pt) TO 650(pt), 651(pt), 653(pt), 654, 655(pt), 658(pt), 659(pt), 854, 869, 870, 871 of Parel Sewri Division & C.S. No.155(pt), 174(pt), 176(pt), 1/177(pt), 185(pt), 1038,1039 of Dadar Naigoan Division at Jerbai WadiaRoad, Parel, Mumbai

PP was absent; hence the project is deferred.

Item No.15 Application for EC for Redevelopment of "Sagar Vaibhav Co-op Housing Society Ltd." at CTS no. 51, Mandapeshwar, Borivali, Mumbai Suburban

PP informed that they have not received N.A. permission, water supply permission, CFO NOC & plans are yet to be approved etc. PP to submit any one of the permission received for the project.

In view of above, the proposal is deferred and shall be considered afresh after the compliance of above observations submitted for reconsideration.

Item No.16 Application for EC for Proposed development of Residential Cum commercial project at Plot bearing S. No. 105/3A, 105/3B, S.No.- 105/4, S.No.227/1 ,S.No.227 /2A/1 of village Kolshet, Tal , Dist. Thane.

The project comprises 2 Residential building (Type A & B), 1 Commercial building (Type C) and 3 Row houses having total 394 no. of residential tenements.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 16,730 m² & total construction area proposed in this meeting of the project is 40,363.28 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

Sr. No.	Description	Details	Unit
1	Name & Location of project	Proposed Residential cum commercial project	
2	Previous Permissions pertaining to the project, if any	No	
3	Initiation of Construction, if any	No new work has been started.	
4	Plot Area	16,730.00	m ²

5	Net Plot area	9,036.86	m ²
6	FSI Area	23,158.81	m ²
7.	Non FSI Area	17,204.47	m ²
8.	Total Construction Area	40,363.28	m ²
9.	Building Configuration & Height of the buildings	Type A: B+G/ST+29F , Type B: B+ST+29F, Type C: G+ Mezz, 3 RH	Floors
10.	No. of tenements	394	Nos.
11.	Shops	1,073.61	m ²
12.	Water requirement	272	KLD
13.	Sewage generation	254	KLD
14.	STP Capacity and STP technology	270 KLD with Oxid- Anoxic technology	KLD
15.	Total Solid waste Quantities	1,013	Kg/day
16.	RG Area	2,244.80	m ²
17.	No. of trees	110	Nos
18.	Energy efficiency	20.23	%
19.	Parking	4W: 480 , 2W:450	Nos.
20.	Power requirement	4.1	MW
21.	D.G. Set Capacity	2X250	kVA
22.	RWH Tank Capacity	60	m ³
23.	EMP Cost (Including DMP cost)	Capital Cost : 384.8 Lakh , O&M: 50.7 Lakh/yr	Rs.
24.	CRZ status	Not Applicable	

During discussion following points emerged:

1. PP to ensure adequate space around the proposed buildings for free and unhindered fire tender movement so that in case of fire hazard, the fire brigade will get direct access to every flat in the building.
2. PP to ensure that no possession shall be given before completion of the sewer lines & storm water drainage line and permission for the connection to the same by the competent authority. Local body to ensure the same. PP to ensure that no

possession shall be given before completion & connection to sewer lines, storm water drainage lines & water supply.

3. PP to ensure that BOD of the treated water should be 5 mg/lit.
4. PP to ensure that no treated or untreated sewage water should be released in storm water drainage lines or in nearby water bodies.
5. PP, if applicable, to obtain NOC from Wild Life Board in terms of OM of MoEF dated 30/03/2015. Further, it is informed that part of the project falls within 1.20 km of SGNP. PP & concerned Municipal Corporation to ensure the compliance of the NGT order dated 03/12/2015 in the application MA.No.125/2014 before issuing commencement certificate for further construction permissions in the area.
6. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.17 Application for EC for Proposed Construction Project at S.No.15A H No. A/1; S.No.15 H.No. /1pt; S.No.15 H.No.2/29; Kugaon, Palghar

Representative of PP, Brijesh Dattani & Architect Vipul Shah were present during the meeting along with environmental consultant M/s SGM.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 38,450 m² & total construction area proposed in this meeting of the project is 31,096.06 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

#	Description	Details												
1	Name & Location of the project	Name: Dattani Natrure Location: S. NO. 15, H. No. A/1, 1/1Pt. & 2/29 of Village: Kurgaon, Tal: Palghar, Dist: Palghar												
2	Plot Area	38450.00 sq. m												
3	Net Plot area	37,749.88 sq. m												
4	FSI Area	26777.14 sq. m												
5	Non-FSI Area	4318.92 sq. m												
6	Total Construction Area	31096.06 sq. m												
7	Building Configuration & Height of the Building	Details of 23 Proposed Buildings: <table border="1"> <tr> <th>#</th><th>Particular</th><th>Floor</th></tr> <tr> <td>1</td><td>Residential</td><td>G + 3</td></tr> <tr> <td>2</td><td>Commercial</td><td>G + 2</td></tr> <tr> <td>3</td><td>School Bldgs</td><td>G + 1</td></tr> </table>	#	Particular	Floor	1	Residential	G + 3	2	Commercial	G + 2	3	School Bldgs	G + 1
#	Particular	Floor												
1	Residential	G + 3												
2	Commercial	G + 2												
3	School Bldgs	G + 1												
8	No. of Tenements	240 Flats												
9	Shops	390 Nos. 02 Shopping Center												
10	Total Water Requirement	194 CMD												
11	Sewage Generation	140 CMD												
12	STP Capacity (Technology)	165 CMD (MBBR Technology)												
13	Total Solid waste Quantities	Wet/Biodegradable Waste: 336 kg/day Dry/ Non-Biodegradable Waste: 384 kg/day Total Waste Generated: 720 kg/day												
14	RG Area	3775 sq. m												
15	No. of trees	400 No												
16	Energy Efficiency	Energy savings proposed: 15.09 %												
17	Parking 4W & 2W	4W: 120 Nos; 2W: 350												
18	Power requirement	5510.75 KVA												
19	D.G. set capacity	:1 x 300, 1 X 125, 1 X 62.5 KVA												
20	RWH Tank Capacity	75, 45, 20 cum												
21	EMP Cost (Including DMP Cost)	Capital Cost - 1.21 Cr O & M Cost - 0.12 Cr												
22	CRZ Status	Not Applicable as per prevailing CZMP.												

During discussion following points emerged:

1. It is observed that there is no sewer line & no storm water drainage lines constructed up to the project site. Therefore, PP to ensure that no possession shall be given before completion of the sewer lines & storm water drainage line and permission for the connection to the same by the competent authority. Local body to ensure the same. PP to ensure that no possession shall be given before completion & connection to sewer lines, storm water drainage lines & water supply.
2. PP to ensure that BOD of the treated water should be 5 mg/lit.
3. PP to ensure that no treated or untreated sewage water should be released in storm water drainage lines or in nearby water bodies.
4. PP to submit letter of commitment for drinking water to the project from Municipal Corporation.

5. Further, PP informed that entire treated water should be reused / recycled in the project itself to ensure the zero discharge outside the project boundary. PP to submit details accordingly. PP to submit detailed water budget indicating fool proof mechanism achieving zero discharge.
6. PP to provide adequate two wheeler parking for school building.
7. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

**Item No.18 Application for EC for Proposed Construction Project at S.No.68;,
H.No1/2 & 1/1, Pale, Ambernath, Thane**

PP was absent; hence the project is deferred.

**Item No.19 Application for EC for Proposed Residential Project at Gut No. 45/2,
46/2, 47, 48, 49/9, 49/10, 49/11, 49/12, 49/13, 49/14, 50,
Mankivali, Ambernath, Thane**

PP was absent; hence the project is deferred.

**Item No.20 Application for EC for Proposed Residential Project at property
bearing S.No. 108 (pt), 109, 110 (pt), 112(pt), 113 /1(pt), 114(pt),
115(pt) of Village Ambernath, Ambernath (E), Dist. Thane,
Maharashtra.**

Representative of PP, Subhas Bavdekar & Architect Amit Goregaonkar were present during the meeting along with environmental consultant M/s Fine Enviro. PP informed that they have constructed existing part of the project prior to EIA Notification, 2006 for which Occupation Certificate has been granted for built up area of 8070 m². PP submitted following details regarding existing construction and proposed:

Type of buildings	No of Floor	No of Buildings (no.)	Area per Building (sq.mt)	Total Area (sq.mt)	No. of Tenement/ Building (no.)	Total no. of Tenement (no.)	Total
EXISTING							
B27, B29b, B32, B35, B38, B41, B44, B47	Ground+2	8	236.49	1891.92	6	48	Occupation Certificate Obtained = 8070.83 sq.mt Tenements = 204 nos. (Existing)
B26, B28, B29a, B30, B31, B33, B34, B36, B37, B39, B40, B42, B43, B45, B46, B48	Ground+3	16	317.94	5087.04	8	128	
J5	Ground+4	1	1091.84	1091.84	28	28	
PROPOSED							
Club House	Ground	1					Proposed Built Up Area = 34,612.03 sq.mt Tenement = 815 nos. (Proposed)
A1 & A2	Stilt +9	2	2369.48	4738.96	52	104	
B1 & B2	Stilt +9	2	2367.72	4738.96	53	106	
A1 to A9	Stilt +7	7	1925.42	13477.94	42	294	
M1 & M1	Stilt +1	2	441.60	883.20	9	18	
D1 to D3	Stilt +1	3	157.30	471.90	71	71	
C1 to C3	Stilt +7	3	2075.78	6227.34	42	126	
D	Stilt +7	1	2515.31	2515.31	56	56	
E	Stilt +7	1	1051.19	1051.19	28	28	
E1	Stilt +3	1	510.75	510.75	12	12	
Total		48	15060.82	42686.35	407	1019	42,682.86 sq.mt

Further, PP informed that they have completed construction of proposed project admeasuring 19,386.16 m² prior to EC. Further, PP requested to reappraise the project as per circular of Environment Dept. dated 21/04/2015 issued on the basis of High Court orders. Committee observed that construction admeasuring 19,386.16 m² prior to EC is violation of the provisions of EIA Notification. However, considering High Court orders and subsequent circular of Environment Department dated 21/04/2015, Committee appraised the matter. Project status submitted by PP is as below:

Sr. No.	Type Of Building : Existing	OC Date
1	B37 to B42	30/5/1993
2	B26 to B30	6/12/1995
3	B34, B35, B36	25/6/1999
4	B31 to B33 and B43 to B48	4/11/1999
5	J5	17/11/2005

Sr. No.	Type Of Building : Proposed	CC Date

1	A1 to A9 B1 to B2 C1 to C3 D E	20/3/2013
2	A1 to A2 B1 to B2 M1, M2 D1 to D3 E1	Amended CC date :17/3/2015

Sr. No.	Type Of Building	Completed Status (As of 19/09/2016)	Constructed Work Area (sq.mt)	
			F.S.I	Non FSI
1	A3	Stilt +4 th Floors	968.80	343.20
2	A4	Stilt + 4 th Floors	968.80	343.20
3	A5	Stilt +4 th Floors	968.80	343.20
4	A6	Stilt +6 th Floors	1,430.70	384.30
5	A7	Stilt +6 th Floors	1,430.70	384.30
6	A8	Stilt +5 th Floors	1,217.50	362.75
7	A9	Stilt +5 th Floors	1,217.50	362.75
8	C1	Stilt +4 th Floors	1,015.36	377.34
9	C2	Stilt +7 th Floors	1,776.38	442.94
10	C3	Stilt +7 th Floors	1,776.38	442.94
11	D	Stilt +7 th Floors	1,809.38	462.94
12	E	Stilt +3 rd Floors	398.49	157.51
Total			14,978.79	4,407.37
Total Constructed Work area (FSI + Non FSI) (sq.mt)			19,386.16	

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that the project is earlier considered in 50th part B meeting of SEAC II. PP submitted compliance during the meeting. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed PP stated that total plot area is 37,500 m² & total construction area proposed in this meeting of the project is 43,697.07 m². Committee noted that the project under 8a (B2) category of EIA Notification, 2006. Compliance, Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

Sr. No.	Description	Details																																																
1	Name & Location of the Project	Proposed Expansion of Residential Building on Property Bearing S.No. 108 (pt) of Village Ambernath, Ambernath (E), Dist. Thane, Maharashtra.																																																
2	Plot Area	37500 sq.mt																																																
3	Net Plot Area	35625 sq.mt																																																
4	FSI Area	34612.03 sq.mt																																																
5	Non FSI Area	9085.04 sq.mt																																																
6	Total Construction Area	43697.07sq.mt																																																
7	Building Configuration and Height of the Building	<div>Total 22 no. of Buildings and 1 no. of Club House Configuration</div> <table><tr><th>Type of Building</th><th>No. of Buildings</th><th>Configuration</th><th>Height</th></tr><tr><td>A1 & A2</td><td>2</td><td>Stilt + 9</td><td>29.15 m</td></tr><tr><td>B1 & B2</td><td>2</td><td>Stilt + 9</td><td>29.15 m</td></tr><tr><td>A3 To A9</td><td>7</td><td>Stilt +7</td><td>22.95 m</td></tr><tr><td>M1 & M2</td><td>2</td><td>Stilt + 1</td><td>5.85 m</td></tr><tr><td>D1 To D3</td><td>3</td><td>Stilt + 1</td><td>5.85 m</td></tr><tr><td>C1 to C3</td><td>3</td><td>Stilt + 7</td><td>23.35 m</td></tr><tr><td>D</td><td>1</td><td>Stilt + 7</td><td>23.35 m</td></tr><tr><td>E</td><td>1</td><td>Stilt + 7</td><td>23.35 m</td></tr><tr><td>E1</td><td>1</td><td>Stilt+3</td><td>11.75 m</td></tr><tr><td>Total</td><td>22</td><td>...</td><td>...</td></tr><tr><td>Club House</td><td>1</td><td>Ground</td><td>5.00m</td></tr></table>	Type of Building	No. of Buildings	Configuration	Height	A1 & A2	2	Stilt + 9	29.15 m	B1 & B2	2	Stilt + 9	29.15 m	A3 To A9	7	Stilt +7	22.95 m	M1 & M2	2	Stilt + 1	5.85 m	D1 To D3	3	Stilt + 1	5.85 m	C1 to C3	3	Stilt + 7	23.35 m	D	1	Stilt + 7	23.35 m	E	1	Stilt + 7	23.35 m	E1	1	Stilt+3	11.75 m	Total	22	Club House	1	Ground	5.00m
Type of Building	No. of Buildings	Configuration	Height																																															
A1 & A2	2	Stilt + 9	29.15 m																																															
B1 & B2	2	Stilt + 9	29.15 m																																															
A3 To A9	7	Stilt +7	22.95 m																																															
M1 & M2	2	Stilt + 1	5.85 m																																															
D1 To D3	3	Stilt + 1	5.85 m																																															
C1 to C3	3	Stilt + 7	23.35 m																																															
D	1	Stilt + 7	23.35 m																																															
E	1	Stilt + 7	23.35 m																																															
E1	1	Stilt+3	11.75 m																																															
Total	22																																															
Club House	1	Ground	5.00m																																															
8	No. of Tenements	815 nos.																																																
9	Shops	Nil																																																
10	Total Water Requirement	Total water requirement: 581 klpd Fresh water : 367 klpd Recycled water : 214 klpd																																																
11	Sewage Generation	513 klpd																																																
12	STP Capacity (MBBR Technology)	1 no. of STP of capacity 575 kld																																																
13	Total Solid Waste Quantities	Total Solid waste quantity: 2038 kg/day Dry waste: 1223 kg/day Wet waste: 815 kg/day																																																
14	RG area	6134.25 sq.mt																																																
15	No. of trees	250 nos.																																																
16	Energy Efficiency	Total Energy saving -16% Energy Saving by Solar Energy -14.2 %																																																
17	Parking 4W and 2W	Parking 4W - 327 nos.																																																
18	Power requirement	Total Connected Load- 5879 KW Total Maximum Demand - 3528 KW Power supply: MSEDCL																																																
19	DG set capacity	1 no. of DG set of capacity 380 KVA																																																
20	RWH tank Capacity	7 no. of RWH Tank of total capacity 88 Cum																																																
21	EMP Cost (Including DMP cost)	Capital Cost: 552 Lakhs O & M Cost: 85.3 Lakhs																																																

22	CRZ Status	Not Applicable
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Synopsis of reply submitted by PP for the compliance points raised during 50th part B SEAC II Meeting is noted by the Committee and taken on record.

During discussion following points emerged:

1. PP submitted undertaking regarding construction completed is less than 20,000 m².
2. PP submitted detailed statement indicating corrected FSI & non FSI.
3. PP submitted revised fire tender movement plan, drainage plan calculations, approved layout plan.
4. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.21 Application for EC for Proposed Project OSIANS GARDEN At Plot bearing S. no. 5 (Pt.) & 85/2 of Village - Nagaon, Taluka - Bhiwandi, District - Thane

Representative of PP, Vinod Kumar Singhal & Architect Alvin Foujee were present during the meeting along with environmental consultant M/s Ultratech. PP informed that they have received IOD & Commencement Certificate on 30/09/2011 & 29/10/2011 respectively.

PP informed that they have completed construction admeasuring 18,775.16 m² prior to EC. Further, PP requested to reappraise the project as per circular of Environment Dept. dated 21/04/2015 issued on the basis of High Court orders. Committee observed that construction admeasuring 18,775.16 m² prior to EC is violation of the provisions of EIA Notification. However, considering High Court orders and

subsequent circular of Environment Department dated 21/04/2015, Committee appraised the matter.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 24,969.37 m² & total construction area proposed in this meeting of the project is 48,363.99 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

No.	Description	Details		
1	Name & Location of the project	"Osians Garden" at Bhiwandi, Thane		
2	Plot Area	24,969.37 Sq.mt.		
3	Net Plot Area	18,899.87 Sq.mt.		
4	FSI Area	31,169.74 Sq.mt.		
5	NON FSI Area	17,193.95 Sq.mt.		
6	Total Construction Area	48,363.69 Sq.mt.		
7	Building Configuration & Height of the buildings	4 Buildings with total 8 Wings		Height in mt. (upto terrace level)
		Building 1	Stilt + 12 Upper Residential Floors	37.93
		Building 2	Wing A: Partly Stilt + Ground (Shopping) + 11 Upper Residential Floors	35.03
			Wing B: Partly Stilt + Ground (Shopping) + 11 Upper Residential Floors	35.03
			Wing C: Partly Stilt + Ground (Shopping) + 11 Upper Residential Floors	35.03
		Building 3	Stilt + 11 Upper Residential Floors	35.03
		Building 4	Wing A & : Stilt + 11 + 12 (pt.) Upper Residential Floors	37.93
			Wing B: Stilt + 12 Upper Residential Floors	37.93
			Wing D: Stilt + 12 Upper Residential Floors	37.93
			Wing E: Stilt + 11 + 12 (pt.) Upper Residential Floors	37.93
			Wing C: Stilt + 13 Upper Residential Floor	40.83

No.	Description	Details
8	No. of Tenements	Total Flats: 459 Nos.
9	Shops	36 Nos.
10	Total Water Requirement	342 KLD
11	Sewage Generation	273 KLD
12	STP Capacity	300 KL (Moving Bed Bio Reactor technology)
13	Total Solid waste Quantities	1044 kg/day
14	RG Area	4,745.33 Sq.mt.
15	No. of trees	New Tree Plantation: 192 Nos.
16	Energy Efficiency	Using Solar PV Panels and Timer Controlled Operations for external lighting Using motors with VDF control Using LED lights with Time Controlled Operation Using solar water heaters Total Saving : 21 %
17	Parking 4W & 2W	4W: 341 Nos., 2W: 22 Nos.
18	Power requirement	Connected load: 7424 KW, Maximum demand: 1942 KW
19	D.G. set capacity	1 no. of DG set of 350 kVA
20	RWH tank Capacity	4 nos. RWH tank of capacity 104 KL
21	EMP Cost (Including DMP Cost)	For Construction phase: 42.28 Lacs For Operation phase: Set Up cost : Rs. 564.16 Lacs O & M cost: Rs. 48.94 Lacs/annum
22	CRZ Status	Not Applicable

During discussion following points emerged:

1. PP & Architect to submit undertaking on legal paper regarding construction undertaken is by them is less than 20,000 m² & if it is false, PP is liable for further legal action as per the law. PP to submit detailed statement for the construction completed till date.
2. PP to provide measures for adequate light & ventilation in the buildings.
3. It is observed that there are no sewer lines & no storm water drainage lines constructed up to the project site. Not connected yet. Therefore, PP to ensure that no possession shall be given before completion of the sewer lines & storm water drainage line and permission for the connection to the same by the competent authority. Local body to ensure the same. PP to ensure that no possession shall be given before completion & connection to sewer lines, storm water drainage lines & water supply.
4. PP to submit letter of commitment for drinking water to the project from Municipal Corporation.

5. PP to ensure that no treated or untreated sewage water should be released in storm water drainage lines or in nearby water bodies.
6. PP to ensure that BOD of the treated water should be 5 mg/lit.
7. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.22 Application for EC for proposed project WATER TREATMENT PLANT & ALLIED FACILITIES at Plot bearing CTS No. 13-16 of village Klerabad, Tal. Kurla, Bhandup (W). Mumbai.

Representative of PP, Deputy Chief Engineer S.P. Gajalgaonkar was present during the meeting along with environmental consultant M/s Mahabal. PP presented the following:

- ☐ Municipal Corporation of Greater Mumbai proposing a ancillary building for Water Treatment Plant, allied facilities (including office building, storage facilities, laboratory & workshops etc.) at Bhandup complex in 'S' Ward, Mumbai.
- ☐ The water treatment plant activity is not listed in any of the Schedules of the EIA Notification 2006 and all the structures in the complex are part of the water treatment facility. Therefore, we feel EC is not required for this activity, however as an abundant precaution we are before the Hon'ble Committee for the applicability of the EIA notification/EC for this activity
- ☐ The proposed structure is office building, storage facilities, laboratory & workshops for the augmented 900 MLD Water treatment plant in the existing premises. The construction area of the proposed structure is 1685.62 m²
- ☐ The Plot area of project is 18,48,700 m², FSI area of Existing Water Treatment Plant is 83,564.86 m² and for proposed allied facility is 1,685.62 m², The total construction area is 1,685.62 m², the Bhandup WTP is existing prior to 1980

The proposed project comprise of one ancillary building including office, store room, laboratory and workshop etc, with G+1 structure.

Committee observed that proposed work is the ancillary activity required for existing water treatment plant. It is also noted that water treatment plant and allied facilities are not covered in the schedule of the items required Environmental Clearance under EIA Notification of 2006.

In view of the above, it is concluded that project activity under consideration does not require EC.

Item No.23 Application for EC for Proposed Redevelopment of Rehab Units for Building No. 1 to 5 Under Mass Housing Scheme On Land Bearing C.S. No. - 2/501(Part), Sub Plot No.1, 2, 3 & 4 At Sector -V, Dharavi, Mumbai by M/s MHADA

Representative of PP, Siddheshwar Konnur & Architect Mr. Sharma were present during the meeting along with environmental consultant M/s Fine Enviro. PP informed that they have received Commencement Certificate for building no.1 dated 22/10/2012. PP informed that they have received Fire NOC dated 23/07/2016.

PP informed that they have completed construction admeasuring 19,753.47 m² prior to EC. Further, PP requested to reappraise the project as per circular of Environment Dept. dated 21/04/2015 issued on the basis of High Court orders. Committee observed that construction admeasuring 19,753.47 m² prior to EC is violation of the provisions of EIA Notification. However, considering High Court orders and subsequent circular of Environment Department dated 21/04/2015, Committee appraised the matter.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 71,060.25 m², net plot area is 37,918.14 m² & total construction area proposed in this meeting of the project is 98,509.94 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated

statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

Sr. No.	Description	Details																								
1	Name & Location of the Project	Proposed Redevelopment of Rehab Units for Building No. 1 to 5 Under Mass Housing Scheme On Land Bearing C.S. No. - 2/501(Part), Sub Plot No.1, 2, 3 & 4 At Sector -V, Dharavi, Mumbai For Dharavi Redevelopment Project (DRP).																								
2	Previous Permission pertaining to the project, if any	CC and OC obtained for Building No.1 <ul style="list-style-type: none">CC Obtained on dated : 22/10/2012 vide no. SRA/DRP/ENG/01/MH/GN/Sector-5/APOC Obtained on dated : 9/11/ 2015 vide no. SRA /DRP /ENG /01/MH/GN/Sector-5/AP																								
3	Initiation of Construction, if any	Total constructed work till date: 19753.47 sq.mt. <ul style="list-style-type: none">FSI area 10984.52 sq.mt.Non FSI area: 8768.95 sq.mt.																								
4	Plot Area	71060.25 sq.mt																								
5	Net Plot Area	37918.14 sq.mt																								
6	FSI Area	53889.59 sq.mt																								
7	Non FSI Area	44620.35 sq.mt																								
8	Total Construction Area	98509.94 sq.mt																								
9	Building Configuration and Height of the Building	<div>Total 5 nos. of Buildings</div> <table><tr><th>Sr.No</th><th>Building type</th><th>Configuration</th><th>Height</th></tr><tr><td>1.</td><td>Building No.1</td><td>S+18</td><td>61.74 m</td></tr><tr><td>2.</td><td>Building No.2</td><td>S+22</td><td>68.78 m</td></tr><tr><td>3.</td><td>Building No.3</td><td>S+22</td><td>68.78 m</td></tr><tr><td>4.</td><td>Building No.4</td><td>S+22</td><td>68.78 m</td></tr><tr><td>5.</td><td>Building No.5</td><td>S+22</td><td>68.78 m</td></tr></table>	Sr.No	Building type	Configuration	Height	1.	Building No.1	S+18	61.74 m	2.	Building No.2	S+22	68.78 m	3.	Building No.3	S+22	68.78 m	4.	Building No.4	S+22	68.78 m	5.	Building No.5	S+22	68.78 m
Sr.No	Building type	Configuration	Height																							
1.	Building No.1	S+18	61.74 m																							
2.	Building No.2	S+22	68.78 m																							
3.	Building No.3	S+22	68.78 m																							
4.	Building No.4	S+22	68.78 m																							
5.	Building No.5	S+22	68.78 m																							
10	No. of Tenements	1690 nos.																								
11	Shops	27 nos.																								
12	Total Water Requirement	Total water requirement: 1173klpd <ul style="list-style-type: none">Fresh water : 761 klpdRecycled water: 412klpd																								
13	Sewage Generation	914klpd																								
14	STP Capacity (MBBR Technology)	Proposed capacity of STP 1050 kld																								
15	Total Solid Waste Quantities	Total Solid waste quantity: 4456 kg/day <ul style="list-style-type: none">Dry waste: 1699 kg/dayWet waste: 2757 kg/day																								
16	RG area	5903.28sq.mt.																								
17	No. of trees	300 nos.																								

18	Energy Efficiency												
19	Parking 4W and 2W	Parking 4W - 352 nos.												
20	Power requirement	Connected load: 6390.92 KW Maximum load : 4260.61 KW Power supply: BEST Electricity												
21	DG set capacity	5 no. of DG sets of capacity 320 KVA each												
22	RWH tank Capacity	Nil (Provide 3 nos. of Recharge Pit)												
23	EMP Cost (Including DMP cost)	<table border="1"> <thead> <tr> <th>Particular</th><th>Capital cost (Lakhs)</th><th>O & M cost (Lakhs)</th></tr> </thead> <tbody> <tr> <td>EMP cost</td><td>311</td><td>56.3</td></tr> <tr> <td>DMP cost</td><td>581.35</td><td>26</td></tr> <tr> <td>Total</td><td>892.35</td><td>82.3</td></tr> </tbody> </table>	Particular	Capital cost (Lakhs)	O & M cost (Lakhs)	EMP cost	311	56.3	DMP cost	581.35	26	Total	892.35	82.3
Particular	Capital cost (Lakhs)	O & M cost (Lakhs)												
EMP cost	311	56.3												
DMP cost	581.35	26												
Total	892.35	82.3												
24	CRZ Status	NA												

During discussion following points emerged:

1. PP & Architect to submit undertaking on legal paper regarding construction undertaken is by them is less than 20,000 m² & if it is false, PP is liable for further legal action as per the law. PP to submit detailed statement for the construction completed till date.
2. PP to ensure adequate space around the proposed buildings for free and unhindered fire tender movement so that in case of fire hazard, the fire brigade will get direct access to every flat in the building.
3. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points

Item No.24 Application for EC for "REDEVELOPMENT OF BOMBAY DEVELOPMENT DIRECTORATE (BDD) CHAWLS" survey No. 2A/102, 102, 101, 4/102, 103, 3/104, 105, N. M. Joshi marg, Lower Parel Division, Mumbai, Maharashtra. by M/s MHADA

Representative of PP, Shri. S.S. Zende, Subhash Lakhe were present during the meeting along with environmental consultant M/s Ultratech. PP informed that plans for entire project have been approved on 16/09/2016.

It was informed that standard ToR prepared by MoEF as per OM dated 10/04/2015 was followed in addition to ToR published by SEAC II. PP requested that they had initiated impact assessment studies on the basis of above ToRs and also submitted EIA report. It was also requested by PP that if additional ToR or information is required to be incorporated during the appraisal, same will be incorporated in the EIA report. PP presented the EIA prepared as above before the Committee.

Further, PP informed that State Cabinet has approved the redevelopment proposal on 17/03/2016. MHADA has been appointed as Nodal Agency for this redevelopment work of BDD chawls at Naigaon division, vide GOM resolution dated 30/03/2016. Further, the land under these BDD chawls is vested with MHADA vide GOM resolution dated 29/08/2016.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 54,611.72 m² & total construction area proposed in this meeting of the project is 5,10,768.73 m² (Redevelopment & Designation: 2,67,769.50 m² + Sale: 2,42,999.23 m²). RG provided on ground is 3860.164 m². Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

No.	Description	Details
1	Name & Location of the project	"Redevelopment of Bombay Development Directorate (BDD) Chawls" AT N.M.Joshi Marg, Lower Parel Division, Mumbai, Maharashtra.
2	Plot Area	54,611.72 Sq.mt.
3	Net Plot Area	--

4	FSI Area	2,79,884.62 Sq.mt. (Including Fungible Area)
5	NON FSI Area	2,30,884.11 Sq.mt.
6	Total Construction Area	5,10,768.73 Sq.mt.

7. Building Configuration & Height of the buildings		
Building Description		Height
Composite Buildings : 2 Nos of Buildings		
Composite Building No. 1 with 7 wings (A, B, C, D, E, F & G): 3 Basements + Ground (Part parking / Part Shopping) + 1 Podium (Part Parking / Part Hospital) + 1 st to 22 nd Upper Floors	Wing A: 1 st & 2 nd Floors (Part Residential / Part Commercial) + 3 rd to 22 nd Upper Residential Floors	70 mt. (up to terrace level)
	Wing B: 1 st & 2 nd Floors (Part Residential / Part Commercial) + 3 rd to 22 nd Upper Residential Floors	
	Wing C: 1 st to 22 nd Upper Residential Floors	
	Wing D: 1 st to 22 nd Upper Residential Floors	
	Wing E: 1 st to 22 nd Upper Residential Floors	
	Wing F: 1 st to 22 nd Upper Residential Floors	
	Wing G: 1 st to 22 nd Upper Residential Floors	
Composite Building No. 1 with 7 wings (H, I, J, K, L, M & N): 3 Basements + Ground (Part parking / Part Shopping) + 1 Podium (Part Parking / Part Government Office) + 1 st to 22 nd Upper Floors	Wing H: 1 st to 22 nd Upper Residential Floors	
	Wing I: 1 st to 22 nd Upper Residential Floors	
	Wing J: 1 st to 22 nd Upper Residential Floors	
	Wing K: 1 st to 22 nd Upper Residential Floors	
	Wing L: 1 st to 22 nd Upper Residential Floors	
	Wing M: 1 st & 2 nd Floors (Part Residential / Part Primary School) + 3 rd to 22 nd Upper Residential Floors	
	Wing N: 1 st & 2 nd Floors (Part Residential / Part Primary School) + 3 rd to 22 nd Upper Residential Floors	

Sale Buildings : 3 Nos. of Buildings	
Building No. 3 (MIG) with 2 wings (O & P): 3 Basements + Ground + 7 Podia + 1 st to 47 th Upper Floors	178 mt. (up to terrace level)
Building No. 4 (HIG) with 2 wings (Q & R): 3 Basements + Ground + 7 Podia + 1 st to 47 th Upper Floors	
Building No. 5 (Commercial Building): 3 Basements + Ground (Part parking / Part Commercial) + 3 Podia Parking + 1 st to 8 th Upper Floors	45 mt. (up to terrace level)

8	No. of Tenements	Redevelopment: Flats: 2536 Nos. Sale: Flats: 1268 Nos.
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9	Shops	Redevelopment: Shops : 43 Nos. Sale: Shops : 61 Nos.
10	Total Water Requirement	2802 KLD
11	Sewage Generation	2353 KLD
12	STP Capacity	15 STPs of 2640 KL (Moving Bed Bio Reactor technology)
13	Total Solid waste Quantities	8850 kg/day
14	RG Area	9321.33 Sq.mt.
15	No. of trees	Retained Trees : 40 Nos. Trees to be transplanted /cut: 163 Nos. New tree plantation: 550 Nos.
16	Energy Efficiency	Provision of solar water heaters Provision of solar grid parallel inverter Use of energy efficient LED fixtures for common area Provision of automatic timer operation Used of CO level based control fan for ventilation system Overall energy saving is 28% Energy saving due to solar system is 13%

No.	Description	Details
17	Parking 4W & 2W	4W: 3464 Nos.
18	Power requirement	Connected load: 22562 KW, Maximum demand: 14617 KW
19	D.G. set capacity	8 DG sets of 250 kVA each and 2 DG set of 200 kVA each
20	RWH tank Capacity	5 Nos. RWH tank of total capacity 403 KL
21	EMP Cost (Including DMP Cost)	For Construction phase: Rs. 1798.60 Lacs For Operation phase: Set Up cost : Rs. 3501.05 Lacs O & M cost: Rs. 326.39 LacS/annum
22	CRZ Status	Not Applicable

During discussion following points emerged:

1. PP informed that project involves High Rise Buildings. PP to submit HRC permission.
2. PP to provide mandatory 10% RG on ground for the entire project against the net plot area as per requirement of DCR. DP RG should not be counted for RG requirement of the project.
3. PP to provide air cleaning system in all basements in addition to 30 air exchangers.

4. PP to ensure that C & D waste should not be dumped in the CRZ area especially in creek and mangroves area.
5. PP to ensure that water supply network, sewerage network should be in sync with the surrounding existing network to avoid pressure on the existing system.
6. It is observed that fire tender has no access to the buildings & flats therein which are located in the inner core of the project. PP to provide access of fire tender to all flats in the project. PP to ensure adequate space around the proposed buildings for free and unhindered fire tender movement so that in case of fire hazard, the fire brigade will get direct access to every flat in the building.
7. Proper design of storm water drainage considering all phases of entire project area should be done to ensure that it should not overload outside storm water drain & submit along with storm water drainage calculations. Storm water drainage should be designed as per guidelines given in SP:IRC-50.
8. PP to ensure that runoff contributing to the surrounding drains is adequate to carry the load from all over the project.
9. PP to provide noise barriers towards railway side during construction & operation phases.
10. It is observed that project is surrounded by pipe drainage network which is not adequate to mitigate flood problem. PP to follow up with MCGM to have box type drainage system in the surrounding area to avoid recurring flooding in the surroundings as well as in railway tracks area.
11. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.25 (A) Application for EC for "REDEVELOPMENT OF BOMBAY DEVELOPMENT DIRECTORATE (BDD) CHAWLS" at Survey No. 713, 1/713, 2/713, 714 Naigaon, Dadar-Mumbai, Maharashtra by M/s MHADA

Representative of PP, Shri. S.S. Zende, Subhash Lakhe were present during the meeting along with environmental consultant M/s Ultratech. PP informed that plans for entire project have been approved on 16/09/2016.

It was informed that standard ToR prepared by MoEF as per OM dated 10/04/2015 was followed in addition to ToR published by SEAC II. PP requested that they had initiated impact assessment studies on the basis of above ToRs and also submitted EIA report. It was also requested by PP that if additional ToR or information is required to be incorporated during the appraisal, same will be incorporated in the EIA report. PP presented the EIA prepared as above before the Committee.

Further, PP informed that State Cabinet has approved the redevelopment proposal on 17/03/2016. MHADA has been appointed as Nodal Agency for this redevelopment work of BDD chawls at Naigaon division, vide GOM resolution dated 30/03/2016. Further, the land under these BDD chawls is vested with MHADA vide GOM resolution dated 29/08/2016.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 64,559.03 m² & total construction area proposed in this meeting of the project is 7,65,651.01 m² (Redevelopment: 3,53,405.61 m² + Reservation: 2000 m² + 4,10,245.40 m²) . RG provided on ground is 2084.15 m² & on podium 13,250.70 m². Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

No.	Description	Details
1	Name & Location of the project	Redevelopment of Bombay Development Directorate(BDD) Chawls at Dadar Naigaon, Mumbai, Maharashtra
2	Plot Area	64,559.03Sq.mt.
3	Net Plot Area	53,818.63Sq.mt.
4	FSI Area	3,99,700.81 Sq.mt.
5	NON FSI Area	365950.20Sq.mt.
6	Total Construction Area	7,65,651.01Sq.mt.

7	Building Configuration & Height of the buildings	
	Redevelopment	Building No.1 with Wing 1 to 15 Wing 1,2,5,7,8,10,13,14 3Basements + Ground + Stilt + 23 Floors Wing 3,4,6,9,11,12,15: 3Basements + Ground + Stilt + 16 Floors Building No.2 with Wing 16 to 20 Wing 17,19,20 : 3Basements + Ground + Stilt + 23 Floors Wing 16,18: 3Basements + Ground + Stilt + 16 Floors Building No.3 with Wing 21 to 25 Wing 21,22,24 : 3Basements + Ground + Stilt + 23 Floors Wing 23,25: 3Basements + Ground + Stilt + 16 Floors

	Reservation (2 bldgs)	Primary and Secondary School : G+ 5 upper floors Welfare Centre : G + 2 upper floors	
	Sale(2 bldgs)	One Residential building with Wing A, B, C & D : 3 Basements + 6 Podium + Stilt + 67 Floors One Commercial building: 3 Basements + Ground + 20 Floors	
	Height (upto terrace level)	Redevelopment : 50.05 mt (for 16 floors building) Redevelopment : 69.75 mt(for 23 floors building) Sale residential building : 240 mt. Sale commercial building : 69.75 mt. School: 21.75 mt. Welfare centre: 10.95 mt.	
8	No. of Tenements & shops	Redevelopment	Residential Units: 3289 Nos. Stalls: 93 Nos. Shops: 55 Nos. Society Office: 4 Nos.
		Reservation	Classrooms: 20 Nos.
		Sale	Flats: 1892 Nos. & Offices
9	Total Water Requirement	3885 KLD	
10	Sewage Generation	3175 KLD	

11	STP Capacity	Total 6 STP of total capacity 3335KL (Moving Bed Bio Reactor technology)
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No.	Description	Details
13	Total Solid waste Quantities	12189 kg/day
14	RG Area	Open space/DP reservation : 10088.41 Sq.mt. (16% provision as per DP RG, against requirement of 10% as per URC)
15	No. of trees	Retained Trees : 178 nos. at periphery of site New tree plantation : 300 nos.
16	Energy Efficiency	Provision of Solar Panels for external Lighting Provision of Solar Water Heating Use of High Efficiency Motors Provision of LED lights for Common area lighting Using motors with VDF control Total Saving : 17 %
17	Parking 4W & 2W	4W: 4727 Nos. & additional provision of 2 W parking spaces
18	Power requirement	Connected load: 117 MW, Maximum demand: 31 MW
19	D.G. set capacity	8 DG sets of 500 kVA each
20	RWH tank Capacity	6 Nos. RWH tank of total capacity 515 KL
21	EMP Cost (Including DMP Cost)	For Construction phase: Rs. 16297.08Lac For Operation phase: Set Up cost : Rs. 3794.80 Lac O & M cost: Rs. 334.71 Lac/annum
22	CRZ Status	Not Applicable

During discussion following points emerged:

1. PP informed that project involves High Rise Buildings with proposed height of 240 m. PP to submit HRC permission.
2. PP to provide mandatory 10% RG on ground for the entire project against the net plot area as per requirement of DCR. DP RG should not be counted for RG requirement of the project.
3. PP to provide air cleaning system in all basements in addition to 30 air exchangers.
4. 500 Two wheeler parking for rehab component should be provided in addition to the required school parking.
5. PP informed that STP is located in basement. PP to provide 30 air exchangers for adequate ventilation purpose.

6. Proper design of storm water drainage considering all phases of entire project area should be done to ensure that it should not overload outside storm water drain & submit along with storm water drainage calculations. Storm water drainage should be designed as per guidelines given in SP:IRC-50. PP to ensure that runoff contributing to the surrounding drains is adequate to carry the load from all over the project.
7. PP to ensure adequate space around the proposed buildings for free and unhindered fire tender movement so that in case of fire hazard, the fire brigade will get direct access to every flat in the building.
8. PP to provide noise barriers.
9. PP to comply the para 9.9 of appendix of EIA Notification and submit details of the same.
10. PP to undertake shadow analysis for entire day for the high rise building indicating its impact on the project and surrounding area and remedial measures.
11. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.25 (B) Proposed development on plot bearing C.S.No.223 (pt), 1/983 (pt) of Dadar Naigaon division at Wadala, Mumbai by M/s MHADA

Representative of PP, Siddheshwar Konnur & Architect Mr. Sharma were present during the meeting along with environmental consultant M/s Fine Enviro.

It was informed that standard ToR prepared by MoEF as per OM dated 10/04/2015 was followed in addition to ToR published by SEAC II. PP requested that they had initiated impact assessment studies on the basis of above ToRs and also submitted EIA report. It was also requested by PP that if additional ToR or information is required to be incorporated during the appraisal, same will be

incorporated in the EIA report. PP presented the EIA prepared as above before the Committee.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 33,822.89 m² & total construction area proposed in this meeting of the project is 1,88,843.80 m². Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

SYNOPSIS OF THE PROJECT

Sr. No.	Description Details	Details																														
1.	Name & Location of the project	Proposed development of existing textile mill (Bombay Dyeing) at C.S. No. 223 (PT), 1/983 (PT) of Dadar, Naigaon Division, Wadala, Mumbai - 400 018																														
2.	Previous permissions pertaining to the project, if any	NA																														
3.	Initiation of construction work	No																														
4.	Plot Area	33822.89 sq.m.																														
5.	Net Plot area	31716.59 sq.m.																														
6.	FSI Area	126539.57 sq.m.																														
7.	Non-FSI Area	31194.83 sq.m.																														
8.	Total Construction Area	188843.80 sq.m.																														
9.	Building configuration and height of the buildings																															
<table><tr><th>No. of Floors</th><th>Bldg. Type</th><th>Bldg. Nos.</th><th>No. of wings</th><th>Height of building</th></tr><tr><td>S + 24</td><td>Mill Worker</td><td>01</td><td>01</td><td rowspan="4">69.96 m</td></tr><tr><td>S + 24</td><td>Mill Worker</td><td>02</td><td>03</td></tr><tr><td>S + 24</td><td>Mill Worker</td><td>03</td><td>03</td></tr><tr><td>S + 24</td><td>Mill Worker</td><td>04</td><td>04</td></tr><tr><td>S + 24</td><td>Transit</td><td>05</td><td>05</td><td></td></tr></table>						No. of Floors	Bldg. Type	Bldg. Nos.	No. of wings	Height of building	S + 24	Mill Worker	01	01	69.96 m	S + 24	Mill Worker	02	03	S + 24	Mill Worker	03	03	S + 24	Mill Worker	04	04	S + 24	Transit	05	05	
No. of Floors	Bldg. Type	Bldg. Nos.	No. of wings	Height of building																												
S + 24	Mill Worker	01	01	69.96 m																												
S + 24	Mill Worker	02	03																													
S + 24	Mill Worker	03	03																													
S + 24	Mill Worker	04	04																													
S + 24	Transit	05	05																													
10.	No. of Tenements	5010 nos.																														
11.	Shops	--																														
12.	Total Water Requirement	3394 KLD																														
13.	Sewage Generation	2704 KLD																														
14.	STP Capacity (RBBR Technology)	2800 KLD																														
15.	Total Solid waste Quantities	12622 kgs/day																														
16.	RG Area	2626.82 sq.m.																														
17.	No. of trees	263																														
18.	Energy Efficiency	<table><tr><td>R Shape Building with S+24 Floor (278T/s)</td><td></td></tr><tr><td>No. of Tube light fixtures in common area Nos</td><td>= 254</td></tr><tr><td>For 2 Nos of Wings</td><td>= 508 Nos</td></tr><tr><td></td><td></td></tr><tr><td>R Shape Building with S+24 Floor (230T/s)</td><td></td></tr></table>				R Shape Building with S+24 Floor (278T/s)		No. of Tube light fixtures in common area Nos	= 254	For 2 Nos of Wings	= 508 Nos			R Shape Building with S+24 Floor (230T/s)																		
R Shape Building with S+24 Floor (278T/s)																																
No. of Tube light fixtures in common area Nos	= 254																															
For 2 Nos of Wings	= 508 Nos																															
R Shape Building with S+24 Floor (230T/s)																																

No. of Tube light fixtures in common area	= 254 Nos
For 1 Nos of Wings	= 254 Nos
T Shape Building with S+24 Floor (384T/s)	
No. of Tube light fixtures in common area	= 306 Nos
For 3 Nos of Wings	= 918 Nos
T Shape Building with S+24 Floor (288T/s)	
No. of Tube light fixtures in common area	= 306 Nos
For 6 Nos of Wings	= 1836 Nos
T Shape Building with S+24 Floor (336T/s)	
No. of Tube light fixtures in common area	= 306 Nos
For 4 Nos of Wings	= 1224 Nos
Total Nos of light fixtures for project	= 4740 Nos
By using conventional Tube Light fixtures of 40w	
Connected Load of Common area Lights	= 189.6 kw
If 28 watt T5 Tube Light is used in place of 40watt Tube Light	
Connected Load of Common area Lights	= 132.72 kw
Difference in Connected Load due to use of T-5 Tube Light	= 56.88 kw 56.88 kwatt i.e. percentage saving is 30%
If Common Area Lights operates for 12 Hrs daily then energy saved will be 56.88kw x 12Hrs	= 682.56 kwh (Units)
Saving per year by using T-5 Tube Lights	= 249134 kwh
Total Number of Lifts	= 48 Nos
Total Electrical Load of Lifts	= 447.6 kw
Energy Consumption for 6 Hours of operation per day	= 2685.6 kwh

		Energy consumption per year for Lifts without VVVF drive	= 980244 kwh
		The Lifts always operates at Partial Load. The use of VVVF Drive for Lift motor will result in energy saving by 35%.	
		Total Load of Lifts with use of VVVF Drive	= 290.94 kw
		Energy Consumption for 6 Hours of operation per day	= 1745.64 kwh
		Energy consumption per year for Lifts WITH VVVF drive	= 637158.6
		Energy saving per year due to use of VVVF Drive	= 343085.4 kwh
19.	Parking 4W & 2W	782 nos.	
20.	Power requirement	16.30 MVA	
21.	D.G. set capacity	250 kVA X 5 200 kVA X 1	
22.	RWH tank Capacity	6 nos. of recharging pits of size 1.5mX3m	
23.	EMP Cost (including DMP Cost)	Construction phase (with Break-up) <ul style="list-style-type: none"> Capital cost: Rs. 36 Lakhs O & M cost (Please ensure manpower and other details): Rs. 25.8 Lakhs Operation phase (with Break-up) : - <ul style="list-style-type: none"> Capital cost: Rs. 267 Lakhs. O & M cost (Please ensure manpower and other details) Rs. 64 Lakhs. 	
24.	CRZ Status	Not Applicable	

During discussion following points emerged:

1. PP to provide mandatory 10% RG on ground for the entire project against the net plot area as per requirement of DCR. DP RG should not be counted for RG requirement of the project.
2. PP to provide air cleaning system in all basements.
3. Proper design of storm water drainage considering all phases of entire project area should be done to ensure that it should not overload outside storm water drain & submit along with storm water drainage calculations.
4. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the

orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Item No.25 (C) Application for EC for EC FOR PROPOSED REDEVELOPMENT OF BIT CHAWL No. 01 to 06 At C S NO. 427 & 2/430 Of Bhuleshwar Division , C Ward Chira Bazar Chandanwadi, Mumbai, Maharashtra

Representative of PP, Aatif Yakub & Architect Poonam Naik were present during the meeting along with environmental consultant M/s Mahabal. PP submitted minutes of 113rd meeting of MCZMA for their project proposal. PP stated that the existing's buildings are in dilapidated condition and needs redevelopment. The existing 6 Residential buildings, Municipal Clinic Building, Society Office Religious Structure & B.M.C house will be demolished. Proposed redevelopment project consists of One Sale Building & Two Rehab Buildings.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 9,168.13 m² & total construction area proposed in this meeting of the project is 91,929.92 m². Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record. Brief extract of the project details submitted by PP is as below:

Sr. No.	Description	Information	Unit
1	Name & Location of the project	Proposing redevelopment of BIT Chawl No. 01 to 06 at CTS NO. 427 & 2/430, of Bhuleshwar Division , C Ward Chira Bazar Chandanwadi , , Mumbai	
2	Previous permission pertaining to the project , if any	No	
3	Initiation of Construction, if any	No construction started	
4	Plot Area	9168.13	m ²
5	Net Plot Area	9168.13	m ²

6	Built Up Area (FSI)	35125.74	m ²
7	Total Construction Area	91929.92	m ²
8	Building Configuration & Height of the buildings	Rehab: Building No. 1: Gr/ St + 22 nd Fl: Building No. 2: Gr/St + 17 th (pt) Fl; Sale: 2B +Gr+ 8P + St + 33 rd Flr ; Max Height: 143.55m	
9	No. of Tenements	Rehab: 705 , Sale: 139	Nos.
10	Shop / Commercial area	789.46	m ²
11	Total Water Requirement	576	KLD
12	Sewage Generation	537	KLD
13	STP Capacity	575	KLD
14	Solid waste Mechanical composting	Total Solid waste	2136
		Biodegradable	1281.6
15	RG Area provided	741.51	m ²
16	No. of trees proposed	55	Nos.
17	Energy Efficiency	Total Energy savings from renewable energy : 16 %	%
18	Parking 4W & 2W	4W-426 2W- Nil	Nos
19	Power requirement	Max Demand Load:4.49	MW
20	DG set Capacity	Rehab: 1 x 625 kVA, Sale: 1 x 300 kVA	kVA
21	RWH Tank Capacity	122	m ³
22	EMP Cost (Including DMP Cost)	Capital Cost: Rs. 741 Lakh, O&M Cost: 83.5 lakh/year	Rs.
23	CRZ Status	Project site is situated beyond 100 m CRZ Setback area from HTL of Back Bay as per approved CZMP and CRZ Notification, 2011	

During discussion following points emerged:

1. PP as agreed to adjust stack parking to keep the evacuation time up to 20 minutes.
2. PP informed that they have not received HRC permission. PP to obtain same.
3. It is observed that STP is under the road. PP to provide adequate ventilation measures for the STP.
4. PP to submit light & ventilation analysis for entire stretch of floors of all buildings.
5. PP to provide remedial measures for provisions of adequate light & ventilation for the buildings D, E & F which are under shadow.
6. PP to provide air cleaning system in basements.
7. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the

orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

(Dr. B. N. Patil)

Member Secretary

SEAC II

(Shri. Johny Joseph)

Chairman

SEAC II

Annexure-A : Terms of references**Site analysis**

- (i) Examine in detail the present status of the project site, site clearance strategy, debris quantification, segregation of the demolition waste and quantification, disposal strategy in consonance with the prevailing rules.
- (ii) Submit development strategy, phasing of the project along with infrastructure and facilities / utilities. Detailed total station map indication plot boundary, construction area boundary, green area boundary, etc.
- (iii) Submit excavation details, quantity of excavated material, top soil quantity and its preservation.
- (iv) Examine in detail the site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system.
- (v) Examine in detail the carrying capacity of existing sewer line, drains etc.
- (vi) Examine details of land use around 2 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images.
- (vii) Study and submit details of environmentally sensitive places, rehabilitation of communities and present status of such activities.
- (viii) Examine baseline environmental quality along with projected incremental load due to the project. Environmental data to be considered in relation to the community development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise due to the traffic, (g) socio economic and health etc.
- (ix) Study the socio-economic situation of the project area and its surroundings and their impact on the project design and operation. Socio impact Assessment studies (SIA) shall be carried out specific to the project area. PP shall take into confidence / consent people residing in the project and surrounding area and objections / suggestions if any received may be submitted to SEIAA / SEAC-II.
- (x) Examine topography rainfall pattern, soil characteristics, and soil erosion.
- (xi) Study the hydrological and geo-hydrological conditions of the project area. Including a contour plan indicating slopes and showing drainage pattern and outfall. Examine in detail the carrying capacity of existing storm water drainage line. Possibility of flooding in and around the project site.
- (xii) Storm water drainage and outfall may be described through contour map and slopes of the project area and its surroundings.

Water

- (xiii) Examine the details of water requirement, use of treated waste water and prepare a water balance chart.
- (xiv) Rain water harvesting proposals should be made with due safeguards for ground water quality, aquifer level, soil permeability, justification for suitable / appropriate rain water harvesting method and details of the selected option indicating locations on the project map.
- (xv) Maximize recycling of water and utilization of rain water. Examine details.
- (xvi) Examine soil characteristics and depth of ground water table for rainwater

harvesting.

- (xvii) STP and water treatment plant should not be near each other. Indicate their locations with area details on the map. Also provide justification for the technology selected on the site and examine sustainable operation of the infrastructure.

Solid Waste Management

- (xviii) Examine details of Solid waste generation, type and quantity, treatment and its disposal.
- (xix) Common facilities for waste collection, treatment, recycling and disposal (all effluent, emission and refuse including MSW.)
- (xx) Examine the location of solid waste treatment and disposal sites.

Flora and fauna

- (xxi) Study the existing flora and fauna of the area and the impact of the project on them.

Energy

- (xxii) Since the project is a building construction and area developmental activities, examine electrical load, energy conservation measures etc. and saving in energy.
- (xxiii) Examine and submit details of use of solar energy and alternative source of energy to reduce the energy consumption.
- (xxiv) DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
- (xxv) Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code. Application of renewable energy/alternate energy, such as solar energy, wind energy may be described with detailed analysis and exploring the possibility of such installations.

Traffic and transportation

- (xxvi) A detailed traffic and transportation study should be made for existing and projected passenger and commercial traffic as the project is a mixed development including residential and commercial development.
- (xxvii) Examine the details of transport of materials for construction which should include source and availability.
- (xxviii) The evaluation of impacts should be analyzed depending upon the nature (positive and negative), duration (short term and long term) reversibility, and magnitude (negligible, low, medium, high), etc. of the impacts based the objective assessments.
- (xxix) Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
- (xxx) Traffic management plan including parking areas may be described. Traffic survey should be carried out on week days and week end.

Air and Noise

- (xxxix) Examine and submit details of Air quality monitoring as per latest National Ambient Air Quality standards as notified by the Ministry on 16th November, 2009.
- (xxxvii) Examine and submit the details of Noise modelling studies and mitigative measures.
- (xxxviii) Examine noise levels - present and future with noise abatement measures.
- (xxxix) Noise pollution has always been a major concern for developmental projects during the construction and operational phase. It is suggested that noise monitoring should be carried out at critical locations at the surrounding areas may be incorporated in environmental monitoring programme during the whole operational phase of the project.
- (xxxv) Natural and artificial noise barriers may be considered for critical locations.
- (xxxvi) A thick green belt should be planned all around the project site to mitigate noise and vibrations to the nearby settlements. The identification of species/plants should be made based on the botanical studies.
- (xxxvii) Landscape plan, green belts and open spaces may be described.
- (xxxviii) Examine the details of afforestation measures indicating land and financial outlay.

Building materials

- (xxxix) Use of local building materials should be described. The provisions of fly ash notification should be kept in view.

Disaster Management Plan

- (xl) Risk assessment and disaster management plan should also include Fire, Earthquake, local floods, and any other natural disaster.

Environmental Management and monitoring Plan

- (xli) Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan.
- (xlii) Make assessment of any regulatory measure in view of the environmental and social impacts of the project (such as unauthorized development in and around the area).

Corporate Social Responsibility

- (xliii) Submit the details of CSR activities. Provisions shall be made for education, health and vocational training programs.

Other details as indicated in Appendix III of EIA Notification 2006 should also be attended.

A detailed draft EIA/EMP report should be prepared as per the ToR and should be submitted to the SEIAA /SEAC, MMR as per the Notification.