भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
क्षेत्रीय कार्यालय (मध्य)
Ministry of Environment, Forest and Climate Change
Regional Office (Central Region)
केन्द्रीय भवन, पंचम तल, सेक्टर–एच, अलीगंज, लखनऊ–226024
Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow- 226024, Telefax: 2326696, 2324340, 2324047, 2324025
Email: (Env.) m_env@rediffmail.com, (Forest) goimoefrolko@gmail.com

File No.: IV/ENV/DLI/CON/1335/2016/128

To,

Dated: 05.07.2018

The Director (Construction),
IA Division,
Ministry of Environment Forest & Climate Change,
Indira Paryavaran Bhawan,
Jor Bagh Road, Aliganj, New Delhi-110 003.

Subject: Certified Compliance Report of Redevelopment of Housing of Hon'ble Members of Parliament at North and South Avenue, New Delhi by Central Public Works Department, Delhi.

Ref: Ministry Environmental Clearance No.: 21-39/2015-IA.III dated 21.08.2015

Sir,

I am directed to attached herewith copy of certified compliance report for the above mentioned project of The Executive Engineer,New Delhi Projects Division,Central Public Works Department (CPWD),3, Dr. Bishambar Das Marg,New Delhi.

Sincerely,

(Dr. Susheel Kumar)
Scientist-C

Copy to:
The Executive Engineer,New Delhi Projects Division,Central Public Works Department (CPWD),3, Dr. Bishambar Das Marg,New Delhi - 110 021

05/7/2018

(Dr. Susheel Kumar)
Scientist-C

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Certified Compliance Report

Subject: Redevelopment of Housing of Hon'ble Members of Parliament at North and South Avenue, New Delhi by Central Public Works Department, Delhi.

Ref: Environmental Clearance No.: 21-39/2015-IA.III dated 21.08.2015.

Observations made during the site visit:

Project authorities (PAs) have stated that no case in Hon'ble High Court, Supreme Court and National Green Tribunal is against the 'Redevelopment of Housing of Hon'ble Members of Parliament' at North and South Avenue, New Delhi by Central Public Works Department, New Delhi. PAs have complied or are in process of complying the environmental conditions stipulated for this project (conditions wise compliance status enclosed). PA should take following action for improving the compliance level:

1. PAs should submit the copy of advertisement of accorded EC in two local newspapers to this office(General Condition no. (xi)).
2. PAs should submit the six monthly compliance report regularly to this Regional Office of the MoEF&CC (General Condition no. xiv).

S No.	Specific Conditions: CONSTRUCTION PHASE:	Compliance Status
1.	**The Project Proponent shall ensure that the guidelines issued vide this Ministry's OM No. 19-2/2013-IA.III dated 09.06.2015, to be followed for building and construction projects to ensure sustainable environmental management in pursuance of Notification No. 3252(E) dated 22.12.2014 under the EIA Notification, 2006, as applicable, are followed in this project.**	PA have assured to comply with this condition.
2.	**The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work.**	PAs have obtained the required clearances from the respective authorities.
3.	**'Consent to Establish' shall be obtained from Delhi Pollution Control Committee under the Air(Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act,1974.**	PAs have obtained the Consent to Establish from the DPCC.
4.	**The total plot area of the project will be 1,99,137.31 sqm. The total built up area shall be 84,299.22 sqm. The total ground coverage achieved shall be 47164.71**	It has been found that redevelopment will be done in multiple phases. During visit it is noticed that they have demolished 64 MP houses in North Avenue in first phase and are constructing B+G+1

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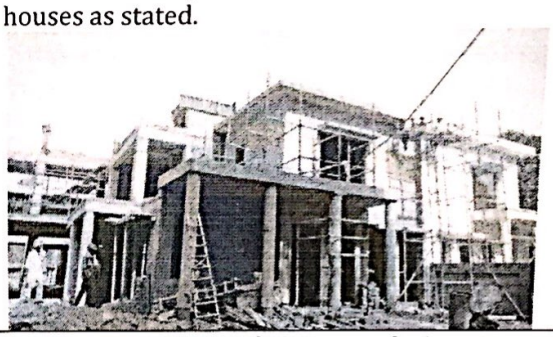
	sqm. The buildings will comprise of maximum of G+1 floors. The existing houses at site have 424 dwelling units which shall be demolished in phased manner. The project shall be redeveloped to have 291 duplex residential units and 291 number of servant quarters. The residential population of the redeveloped project shall be 2910.	floors for the 36 duplex houses, as per the layout plan submitted in the EIA report.
5.	**Of the total project, 67,462.591 sqm shall be provided for green area and landscape development.**	Project is in construction phase. PAs have left more than 33% area for landscape development as per the submitted plan. The green area development will be done in phases according to the constructed houses as stated. 
6.	**During operational phase, total water demand of the project is e 579 KLD which shall be met by the NDMC Supply and Recycled Water. Wastewater generated (382 KLD) uses shall be treated in SBR based STPs of total 2x200 KLD capacity. About 169 KLD shall be disposed into municipal drain during monsoons only. During construction phase, total water requirement is 50 KLD which shall be met by temporary connection from NDMC/Jal Board or tankers. During the construction phase, mobile toilets connected to existing sewer line shall be provided for disposal of waste water.**	PAs have met out the required 50 KLD water demand from NDMC. They have provided the mobile toilets connected to the existing sewer lines for disposal of waste water for construction labours at site.
7.	**About 2.11 TPD solid wastes will be generated in the project. The garbage shall be collected by sweepers through door to door collection in the entire housing complex. An arrangement to collect decomposable and non decomposable waste in separate bags from households shall apply. New Delhi Municipal Council shall be responsible for transportation of garbage up to disposal point for treatment.**	No demolition waste has been found during visit on site. PAs have stated that NDMC is engaged for the transportation of solid waste and demolition waste and dumped at earmarked site of MCD.
8.	**The power consumption of the project**	PAs have obtained 02 nos. of temporary connection

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	during operation is 10 MVA, which shall be sourced from New Delhi Municipal Council. The total power requirement during construction phase shall be through temporary connection from NDMC (20 KW) or green Gen set (20 KW).	of 25 KW each from BSES.
9.	**Parking facility for 873 four wheelers and 291 two wheelers shall be provided for the project.**	Project is in primary construction phase however PAs assured that parking will be provided as per the submitted plan.
10.	**The project proponent shall comply with the conditions of NOC/ Clearance obtained from Fire Department.**	PAs have obtained the clearance from Fire Department.
11.	**All the construction shall be in accordance with the local building byelaws. The Project Proponent shall obtain all necessary clearances.**	They have obtained the necessary clearances..
12.	**Possible arrangement shall be made for translocation of old trees. The PP would prepare an appropriate plan in consultation with State Forest Department and submit to the Ministry of Environment, Forest and Climate Change.**	It is found that they have not disturbed the older trees, however, felled 92 trees with permission of Dy. Conservator of Forest (South), Delhi and assured to plant 920 trees as compensation through the Horticulture Department of CPWD.
13.	**Modern technology machines should be used for demolition of existing building structure to avoid the noise and dust pollution to maximum possible extant.**	PAs stated that first phase has been demolished mechanically with the use of modern machines and assured that they will comply with this condition for remaining phases.
14.	**The project proponent shall put in place a credible enforcement mechanism for compliance of energy conservation measures with it's allottees, as projected, in perpetuity. This would be monitored by the designed Energy Conservation/ efficiency Authority in the State.**	PAs stated that solar water heater, solar energy production and daylight maintain infrastructures will be provided as energy conservation measures on site.
15.	**D.G set shall be at least 6 m away from the boundary.**	No D.G. set found on project site.
16.	**Temporary toilets will be provided for all construction labour.**	Mobile temporary toilets have been provided for the construction labours. Toilets are attached to existing sewer lines for waste water management.
17.	**Suitable toilet fixtures for water conservation shall be provided.**	PAs have assured that, for water conservation, suitable toilet fixtures will be provided.

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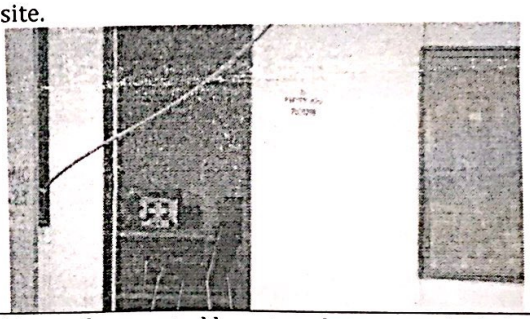
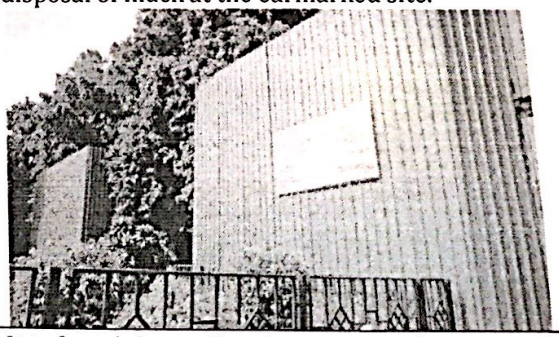
18.	**Proponent shall obtain permission for ground water withdrawal from State Ground Water Authority.**	PAs have obtained the water permission for construction phase.
19.	**The rainwater harvesting plan should be incorporated by the CGWA.**	The rainwater harvesting measures would be provided as per the plan submitted as stated by PAs.
20.	**Provision shall be made for housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in form of temporary structures to be removed after the completion of the project.**	It is found that temporary housing for construction labour, LPG fuel for cooking, mobile toilets, safe drinking water, medical health care and crèche has been provided within the site by the PAs.
21.	**A First Aid Room will be provided in the project both during construction and operation of the project.**	First aid room with necessary medicines found on site. 
22.	**All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.**	Top soil excavated has stored at earmarked site.
23.	**Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.**	It is found that 8 meter high fencing as wind breaker installed at site. NDMC is engaged for the disposal of muck at the earmarked site. 
24.	**Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of**	It is found that soil and water samples are under the limit of standard prescribed.

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	heavy metals and other toxic contaminants.	
25.	**Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.**	Only construction of houses is going on at the time of visit, however, PAs have assured to comply with condition during construction of road if any.
26.	**Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Delhi Pollution Control Committee.**	It is construction project.
27.	**The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.**	No D.G. set found installed at project site.
28.	**The diesel tanks and applicable. Required for operating DG sets clearance from Chief Controller shall be stored in underground of Explosives shall be taken, as applicable.**	No storage of diesel is required as no D.G. set installed at site.
29.	**Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.**	No vehicle found at site during the day of visit. PA stated that only PUC certified vehicles are being used for transportation.
30.	**Ambient noise levels should conform to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/ DPCC.**	It is found that noise level both during day and night time is under the limit of prescribed standard as per the recent report provided.
31.	**Fly ash should be used as building**	Use of fly ash and red bricks found on site. Red brick

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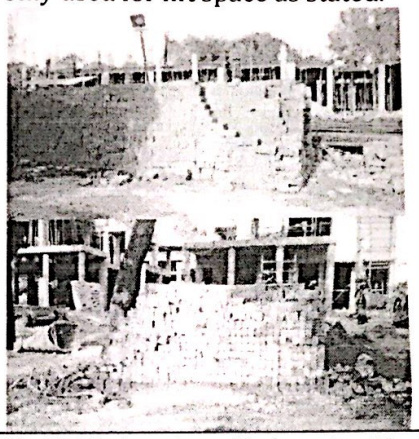
	material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003.	only used for lift space as stated. 
32.	**Ready mixed concrete must be used in building construction.**	No RMC plant installed at site. Use of only ready mix concrete is found.
33.	**Storm water control and its re-use as per CGWB and BIS standards for various applications.**	PA assured that drainage system will be as per the submitted plan.
34.	**Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.**	Pre-mix concrete mixed with curing agent has been used for construction houses as stated.
35.	**Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.**	It is found that water is supplied by NDMC through tankers at site. PAs assured that no ground water will be drawn by the PAs.
36.	**Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.**	It is found that dual plumbing has been provided to reduce the water demand in a single sample flat. PA assured that the same will be provided in all duplexes.
37.	**Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.**	To reduce the water demand low flow fixture will be provided as stated by PA.
38.	**Use of glass may be reduced by up-to 40% to reduce the electricity consumption and load on air-conditioning. If necessary, use high quality double glass with special reflective coating in windows.**	PA has assured that double glass with reflector coating will be used to reduce the electricity consumption.
39.	**Regular supervision of the above and other measures for monitoring should be in place all through the construction**	PAs have assured to comply with this condition.

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	phase, so as to avoid disturbance to the surroundings.	
40.	**Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.**	PAs have agreed to comply with this condition.
GENERAL CONDITIONS		
1.	**A copy of the environmental clearance letter shall also be displayed on the website of the concerned Delhi Pollution Control Committee. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.**	They have uploaded the EC as stated.
2.	**The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.**	PA stated that fund earmarked for environmental protection measures would only used for the same and they will submit the year wise expenditure report to the Ministry and RO, Lucknow.
3.	**Officials from the Regional Office of MoEF&CC, Lucknow who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC should be forwarded to the CCF, Regional office of MoEF&CC, Lucknow.**	Full co-operation is extended during the visit.
4.	**In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.**	PAs have agreed to comply with this condition.
5.	**The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure**	PAs have agreed to comply with this condition.

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	effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	
6.	**All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.**	PAs stated that necessary clearances taken from authorities.
7.	**These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.**	PAs have agreed to comply with this condition.
8.	**Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.**	PAs have agreed to comply with this condition.
9.	**The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Delhi Pollution Control Committee (DPCC) and may also be seen on the website of the Ministry of Environment, Forest & Climate Change at http://www.envfor.nic.in. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Lucknow.**	They have advertised the EC in two local news papers as stated. However, no documents submit to this regional office.
10.	**This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation V/s Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.**	PAs have agreed to comply with this condition.

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11.	**A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.**	They have sent the copy.
12.	**The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the DPCC. The criteria pollutant levels namely; SPM, RSPM, SO_2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.**	They have not submitted six monthly compliance report to this office.
13.	**The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned Delhi Pollution Control Committee as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC bye-mail.**	PAs have assured to comply with this condition.
14.	***A copy of the environmental clearance letter shall also be displayed on the website of the concerned Delhi Pollution Control Committee. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.***	They have uploaded the EC as stated.
15.	**The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise**	PA stated that fund earmarked for environmental protection measures would only used for the same and they will submit the year wise expenditure report to the Ministry and RO, Lucknow.

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	expenditure shall be reported to this Ministry and its concerned Regional Office.	

5/7/18

(Dr. Susheel Kumar)
Sci-C

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