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**STATE LEVEL EXPERT APPRAISAL COMMITTEE
(SEAC)-DELHI**
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI 110006
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F.No. DPCC/SEAC/2016/84/ **5176-5189**

Dated: **31.10.2016**

MINUTES OF MEETING

Please find enclosed herewith the minutes of meeting of **84th meeting** of the State Level Expert Appraisal Committee (SEAC) held on **22.10.2016** in the conference room of DPCC, at 5th Floor, ISBT Building, Kashmere Gate, Delhi – 110006 for information and necessary action if any.

(Dr Anil Kumar)
Secretary,
SEAC- Delhi

To:

1. Dr. Mukesh Khare (Professor) (Chairman, SEAC), Department of Civil Engineering, Indian Institute of Technology, Delhi Hauz Khas, New Delhi-110016.
2. Dr. Naveen Kumar (Professor and Head) (Member, SEAC), Mechanical Engineering Department, Delhi Technology University, Delhi-110042.
3. Dr. S. K. Singh (Professor) (Member, SEAC), Civil and Environmental Engineering Department, Delhi Technology University, Delhi-110042.
4. Dr. Mrs. Rita Kumar (Emeritus Scientist), (Member, SEAC), Environmental Biotechnology Division, Institute of Genomics and integrative Biology DU North Campus, Mall Road, Delhi-110007.
5. Dr. Sanjay Gupta (Professor) (Member, SEAC), Department of Transport Planning, School of Planning and Architecture, 4-Block-B, Indraprastha Estate, New Delhi-110002.
6. Dr. Suman Lakhnpaul (Professor) (Member, SEAC), Department of Botany, University of Delhi, North Campus, University Road Faculty of Science, University Enclave Delhi-110007.
7. Dr. Amarjeet Kaur (Professor) (Member, SEAC), Centre of Disaster Management Studies, Guru Gobind Singh, Indraprastha University, E-Block, 106 and 107, Sector-16 C, Dwarka, New Delhi.

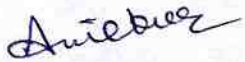
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8. Dr. Anupam Chattopadhyay, (Member, SEAC), Department of Geology, University of Delhi, 34, Chattra Marg Delhi-110007.
9. Mrs. Meenakshi Dhote (Member, SEAC), Department of Environment Planning, School of Planning and Architecture, 4 Block B, IP Estate, New Delhi.

Copy to:

1. Shri Krishan Mohan Sahni, IAS Rtd. (Chairman, SEIAA), House No. 38, Pkt 2, Jasola Vihar, Behind Apollo Hospital, New Delhi-110025.
2. Director, Mahatma Gandhi Institute of Combating Climate Change (MGICCC) (Member Secretary, SEIAA), Department of Environment, Government of National Capital Territory of Delhi, Palla-Bakthawarpur Road, Alipur, New Delhi, Delhi 110036
3. PS to Secretary (Environment) cum Chairman, DPCC- for kind information.
4. PA to Member Secretary, DPCC- for kind information.
5. SEE (IT)- for necessary action regarding uploading the minutes on website.


(Dr Anil Kumar)
Secretary,
SEAC- Delhi

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OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
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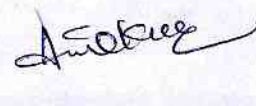
Minutes of the 84th meeting of State Level Expert Appraisal Committee (SEAC) held on 22.10.2016 at 10.00 am in the Conference Room of DPCC at 5th Floor, ISBT, Kashmere Gate, Delhi-06.

The 84th meeting of State Level Expert Appraisal Committee (SEAC) was held on 22.10.2016 in the Conference Room of DPCC under the Chairmanship of Dr Mukesh Khare. The following members of SEAC were present in the meeting:

- | | | |
|-----------------------|----|-----------|
| 1. Dr. Mukesh Khare | – | In Chair |
| 2. Dr. S.K. Singh | – | Member |
| 3. Dr. Naveen Kumar | – | Member |
| 4. Dr. Sanjay Gupta | – | Member |
| 5. Dr. Rita Kumar | – | Member |
| 6. Dr.Meenakshi Dhote | -- | Member |
| 7. Dr. Anil Kumar | – | Secretary |

Dr. Suman Lakhanpaul, Dr Anupam Chattopadhyay, Dr. Amerjeet Kaur. Members, SEAC could not attend the meeting. Shri Pankaj Kapil (SEE) & Shri S.K.Goyal (EE), DPCC assisted the Committee.

The minutes of 83rd meeting of SEAC held on 15.10.2016 were confirmed by the members.

Agenda No-1

Case No. C-316

Name of the Project	E.C for Proposed Motel Project at Khasra No. 3/17/2 Min., 3/16/2 Min., 10/4 Min., 10/5 Min., 10/6 Min. & 10/7 Min at Village Samalkha, Tehsil VasantVihar, New Delhi.
Project Proponent	Mr. Rajeev Trehan, M/s Townsend Promoters Pvt. Ltd., H-65, Cannaught Circus, New Delhi-110001
E-mail	pankaj@anantrajlimited.com
Proposal No.	SIA/DL/MIS/53573/2016
File No.	DPCC/SEIAA-III/C-316/DL/2016

The Proposal is for grant of Environmental Clearance for a Proposed Motel Project at Khasra No. 3/17/2 Min., 3/16/2 Min., 10/4 Min., 10/5 Min., 10/6 Min. & 10/7 Min at Village Samalkha, Tehsil VasantVihar, New Delhi" having Latitude : 28°32'07.3"N and Longitude: 77°05'42.4"E. The Project is not located in any industrial area covered in CEPI. The Project Proponent has submitted the copy of the sanction letter of MCD for construction of motel at said land vide letter No. 125/A/HQ/2005/11/AE-II dated 28.06.2006.

The case was considered in 82nd meeting of SEAC held on 20.08.2016 and committee sought the following information from the Project Proponent for its further consideration:

1. Revised landscape plan clearly showing the existing, replant & proposed number & type of trees as per Central Pollution Control Board (CPCB) criteria.
2. Revised water requirement supported by revised mass balance chart.
3. Detail of credible source of water supply during construction & operational phase.
4. Details of the essential power load requirement.
5. Revised Action plan for Corporate Social Responsibility.

Accordingly the project proponent was asked to submit the requisite information vide letter dated 21.09.2016 and the information submitted by the project proponent was deliberated by the SEAC in its 83rd meeting held on 15.10.2016 and it was decided to ask the project proponent to come again for presentation in next SEAC meeting to be held on 22.10.2016 with information on type of existing, replant & proposed trees in landscape plan clearly showing the number as per Central Pollution Control Board (CPCB) criteria and detail of credible source of water supply during construction & operational phase along with documentary proof.

The case was considered in 84th meeting of SEAC held on 22.10.2016 and Project Proponent submitted list of trees proposed for plantation at site, revised water requirement, and the information on source of water supply during operation phase.

Based on the presentation made and the information submitted the details of the project are as under:

1. **Area detail:** The total plot area of the project is 10117.15 sq.mt. The total built up area is 27459.037 sq.m. The project is having maximum floor of G+4. Total three basements have been proposed. The total permissible FAR is 15673.07 sq.m and proposed FAR will be 15638.145 sq. m. The permissible ground coverage is 4478.02

sq.m. The proposed ground coverage is 43.99 % i.e. 3940.35 sq. Maximum height of the proposed building is 17.525 m.

2. **Water details:** During construction phase, total water requirement is 30 KLD. During operational phase total water requirement is 122.71 KLD (72.82 KLD- fresh water and 41.89 KLD recycled water). During operational phase waste water generation of 52.52 KLD which will be treated in STP 55 KLD capacity. Total 49.89 KLD of treated waste water will be recycled (In flushing- 13.14 KLD, Cooling-25.92 KLD, & Landscaping-10.83 KLD). Number of RWH pits proposed are 2.
3. **Solid waste:** About 0.30 ton/day of municipal solid waste will be generated.
4. **Power:** The total power requirement will be 1353.27 KVA. The source of power supply will be BSES.
5. **Parking facility:** The total parking required is 470 ECS. The parking proposed is 471 ECS (146 ECS on surface & 325 ECS in basements).
6. **Eco-Sensitive areas:** The shortest arial distance of the project from Asola wildlife sanctuary 12 Km & from Okhla Bird Sanctuary is 21.82 Km respectively.
7. **Plantation:** The Number of trees existing at site are 91. Trees to be replanted are 73. trees to be retained are 12, 6 trees are to be cut.
8. **Cost of the project:** The cost of the project is Rs 84.89 Cr.
9. **CSR:** CSR of one time capital investment is 34.0 Lakhs (0.4% of total project cost of 84.89 Cr) and per year recurring expenditure is 7 lakhs (0.08% of total project cost of Rs. 84.89 Cr).

After due deliberations, the SEAC in its 84th meeting held on 22.10.2016 recommended as follows:

Based on the information furnished, documents shown & submitted, presentation made by the project proponent and recommended the case to SEIAA for grant of Environmental clearance imposing the following specific conditions:

1. The construction shall not be started without obtaining the water assurance form Delhi Jal Board / Authorised source.
2. Green belt with minimum two rows of trees should be planted all around the boundary. Minimum 130 trees should be planted within the project site.
3. Treated water of DJB STP should be used for construction purposes.
4. Packaged/ mobile STP shall be provided for labour camp during construction phase.
5. Ground water should be extracted only after the permission from DJB.
6. Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work.
7. STP should be adequate to treat the waste water so that BOD level should not exceed 10 mg/l in treated water.
8. Magnetic Flow Meters should be installed to monitor consumption of fresh water as well as treated water.
9. Fixed pipelines should be provided for distribution of excess treated waste water for horticultural use within the complex.
10. Solar Photovoltaic (SPV) system should be installed to reduce use of conventional source of energy. Minimum 50% of Roof top of the building as well as other exposed area such as parking sheds should be utilized for installation of Solar Panels/ SPV system.
11. Only LEDs should be used.



12. Green building norms should be followed with a minimum 3 star GRIHA rating and Gold rating should be followed up.
13. Capacity of DG set should not exceed 50% of the total load.
14. Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.
15. Minimum 8 m high barricade should be provided all around the project site before the start of construction.
16. During the construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India &ors.
17. Biodegradable solid waste should be converted into compost using organic waste converter.
18. The environmental clearance is subject to obtaining prior clearance from wildlife angle including clearance from the Standing Committee of the National Board for Wildlife as applicable.
19. Grant of environmental clearance does not necessarily implies that wildlife clearance shall be granted to the project and that their proposals for wildlife clearance shall be considered by the respective authorities on their merits and decision taking.
20. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment, Forests & Climate Change/ SEIAA, Delhi shall not be responsible in this regard in any manner.

Agenda No-2

Case No. C-324

Name of the Project	Environmental Clearance for Proposed Hotel Building at Village Sultanpur, Delhi
Project Proponent	Mr.V.Chandhok, Director, M/s Unique Innovation Pvt Ltd 222/223, Mehrauli Gurgaon Road, New Delhi-110030
E-mail	jinoval@hotmail.com
Proposal No.	SIA/DL/MIS/53844/2016
File No.	D PCC/SEIAA-III/C-324/DL/2016

Details of the projects as per applicant is as under:

1. The Proposal is for grant of Environmental Clearance for Proposed Hotel Building at Village Sultanpur, Delhi" having Latitude: 28°30'07.78" N and Longitude: 77°10'13.00" E.
2. The Project is not located in any industrial area covered in CEPI.
3. **Area detail:** The total plot area of the project is 14838.490sqm. The total built up area is 44563.495sqm. The project is having maximum floor of G+8 floors with 4 basements. The total permissible FAR is 21976.878 (@175 of Net Area and proposed FAR is 21920.516 (@174.55. The permissible ground coverage is 5023.286sq.m (40%). The proposed ground coverage is 4789.550sq.m (38.13%). The total number



of dwelling unit is 152 & Total Population is 2790 Persons Maximum height of the proposed building is 34.25m.

4. **Water details:** During construction phase, 26.25 KLD of water requirement will be met by **private tankers** with prior agreement with water supplier and during operational phase water requirement is total 303.3 water will be required including 179.4 KLD fresh water and 123.9 KLD recycled water & source will be **private water tanker**. During operational phase waste water generation of 130.42 KLD will be treated in in a Sewage Treatment Plant (STP) of 165 KLD capacity having MBBR technology. Treated water of 123.9 KLD will be reused (53.75 KLD for flushing, 57.31 KLD for cooling, and 12.84 KLD for gardening. Number of RWH pits proposed are 2.
5. **Solid waste:** About 0.52 tons/day of municipal solid waste will be generated.
6. **Power:** Total power requirement is 1564 KVA & capacity of DG sets proposed is 3 x 750kVA
7. **Parking facility:** The total parking required is 669 ECS (Area& Parking proposed in Basement-I is 3238.253Sq.m (101 ECS), Area& Parking proposed in Basement -III is 4559.581Sq.m (203 ECS) Area & Parking proposed in Basement -IV Sq.m is 4649.28 Sq.m (259 ECS).The total parking provided is 669 (Basement- 563 Open-106).
8. **Eco-Sensitive areas:** The shortest aerial distance of the project from Asola wild life sanctuary is ~ 4.09 km in ESE direction & from Okhla bird sanctuary is ~ 14.0 km in ENE direction.
9. **Plantation:** The total number of trees proposed is 160. & minimum no. of Trees required is 157.
10. Cost of the project: The cost of the project is Rs 25 Cr.
11. CSR: One time capital investment under CSR will be 0.4% of the project cost and recurring expenditure will be 0.08% of the project cost

The case was considered in SEAC in its 83rd meeting held on 15.10.2016 & committee asked the project proponent to come again for presentation in next SEAC meeting with information of credible source of water supply during construction & operational phase along with documentary proof.

The case was deliberated in 84th SEAC meeting and after due deliberation on the basis of presentation made and information furnished the committee decided to seek the following documents/information from the Project proponent:

1. Details of the land paper along with the permissibility of motel at the present site.
2. Data with respect to ground water table of the location.
3. Revised Geotechnical Investigation report envisaging the type of rock strata encountered during the investigation.
4. NOC from DMRC in view of proximity of proposed development to DMRC track.
5. Revised site layout plan of site indicating the alignment of Delhi metro track and its pillars.
6. Details of credible source of treated water during the construction phase and fresh water in the operation phase with documentary evidences as per demand projected/proposed.
7. Revised layout plan showing location of STP, RWH pits along with the guidelines adopted for rain water harvesting.
8. Measures to be adopted for dust control during demolition / construction activity.

9. Revised Traffic circulation plan incorporating the modification of alignment of entry and exit.
10. Revised proposal for reduced power backup up to the 50 % of the essential load.
11. Revised Energy saving proposal by making the provision of 25 % of the roof area for Solar PV & 25 % of roof area for Solar Heating.
12. Revised landscape plan indicating the proposed green area at terrace & exploring / incorporating the provision of increasing the green lawn area.
13. Revised details of tree plantation omitting the Silver Oak trees from the proposal.
14. *The cost towards demolition phase to be included in Environment Management Budget.*
15. *Revised CSR envisaging the proposal for locals person , schools, village & parks.*
Revised Form 1 & Form 1A & conceptual plan in view of changed fact & figures submitted during presentation.

Agenda No -03

Meeting with SEIAA.

The Chairman SEIAA along with the members of the Authority presided over the meeting for interacting with SEAC members and harmonising the processing of Environmental Clearance at the appraisal and subsequent approval stage. During the discussion the issue related to water supply assurances, monitoring of Environmental Clearance, ground water recharge by maintaining the soft area/green area, status of water body in proximity of the project sites, examination of topographical and Google map during the appraisal of the project and confirming the possibilities of future expansion of the project under appraisal were discussed. It was decided that the SEIAA will further deliberate on the aforesaid matters to issue an advisory for discussed Environmental issues to be looked into during appraisal of the construction projects. It was further decided that to start with, SEAC will invite Member Water of Delhi Jal Board with information on the demand and water supply status of Delhi specifically in view of new development activities proposed/planned in city of Delhi.

Agenda No-04

Case No. C-307

Name of the Project	Revision of Environmental Clearance of "Office Complex at Plot No. 5A & 5B, VasantKunj Phase – II, Delhi
Project Proponent	M/s Oil and Natural Gas Corporation Ltd. at JeevanBharti Building, Tower – II, 7 th and 8 th Floors, 124, IndraChowk, New Delhi – 110001.
Proposal No.	SIA/DL/NCP/41536/2016
File No.	DPCC/SEIAA-III/C-307/DL/2016

The Proposal is for grant of Revision of Environmental Clearance of "Office Complex". Earlier Environmental Clearance was granted by MoEF vide letter no F.No.3-19/2006-IA.III & F.No.3-20/2006-IA.III on 28.11.2006 for construction of Corporate Office by M/S ONGC Videsh Limited and ONGC Ltd at Plot No. 5A & 5B, Vasant Kunj Phase II, New Delhi on a plot area of 36340 sq.m.. The building plan included the office building with G+5 floors and 2 level basements. Total built up area proposed was **46900 sq.m.(excluding basement area of 58790 sq.m.)** with open area of 26140 sq.m. A provision for 1370 car parking and estimated power and water demand were **4086 kw** and **484 kld** respectively were projected in the earlier Environmental Clearance dated 28.11.2006.

Oil and Natural Gas Corporation Limited (ONGC) applied for revision in Environmental Clearance on OSMEC portal of MoEF&CC, GOI on 01.03.2016.

The project is located at 28°32'39.98"N Latitude and 77° 9'26.19"E Longitude and details of the project as per application for revision are as under:

Area detail: The total plot area of the project is 36340 sq.m(same as per earlier EC). The total built-up area is 104286.19 sq. m (FAR-46735.57, basement area-56100.36, Non FAR-1450.26). The project comprises of 2 numbers of towers which consists of 2 Basement + Ground + 5 Floors. The total permissible FAR is 46900 sq.m and achieved FAR is 46735.57 sq. m. The permissible ground coverage is 10200 sq.m. The proposed ground coverage is 10180.88 sq.m.. Maximum height of the proposed building is 28.5 m and permissible height as per approval of AAI is 30.5 m.

Water details: During operational phase water requirement as per application was projected as 359 KLD and fresh water requirement as 197 KLD (Form I) and 210 KLD (Water Balance of Environment Report) with recycling of 149 KLD treated water. **However during the appraisal the total water requirement was proposed as 284 KLD which will be met through fresh water of 45 KLD, 90 KLD through tanker supply of STP treated water and rest 149 KLD through treated water of onsite STP. Waste water generation will be 150 KLD which will be treated in STP of 180 KLD capacity based on MBBR**



Technology. 149 KLD of treated water is proposed to be used for flushing(105 KLD), DG Cooling(12 KLD) and gardening(32KLD) The source of water supply during construction phase and during operational phase is tanker water supply. The project proponent has submitted the DJB letter dated 01.10.2014 permitting the filling of water tankers for drinking purpose from filling point situated at CWG village with the restriction of 50 KLD. Number of RWH pits proposed are 18.

Solid waste: About 900 kg/day of municipal solid waste will be generated. The biodegradable waste 630 kg/day will be processed at site using OWC and 270 kg/day non-biodegradable waste will be handed over to authorized local vendor/ Municipal Corporation.

Power: The total power requirement is 4469 kVA and will be met from BSES, own generated by Gas turbines & through Solar PV. Two number of Natural Gas Based Generator sets of capacity 1400 KVA each have been proposed for backup and two DG set of capacity 2500 KVA are proposed to be kept in standby keeping in view the need for uninterrupted power supply to the complex as the same has strategic importance for the control operations of the company. Photovoltaic power generation of 263 KVA is proposed which is about 5% of the building demand.

Parking facility: The total parking facility of 1370 ECS is proposed to be provided against the requirement of 1370 ECS.

Eco-Sensitive areas: The shortest aerial distance of the project from Asola wildlife sanctuary 7.2 Km & from Okhla Bird Sanctuary is 14.10 Km respectively. The project authorities have applied to Wild Life Division of MoEF &CC for Wild Life Clearance on 28.04.2016.

Plantation: Total numbers of new trees to be planted are 454 trees.

Cost of the project: The cost of the project is Rs. 838.7 Cr. (Including Land cost) Project considered by SEAC in its 79th meeting held on 16.04.2016 and the committee decided to seek the information from the project proponent and also decided that the members of SEAC will conduct the site visit on 2nd May, 2016. Project Proponent replied vide letter dated 04.05.2016 and site visit was conducted by SEAC on 09.05.2016. During the visit the SEAC members made observation regarding slight decrease in Built Up Area(excluding basement), basement area and total built up area compare to those mentioned in Environment Clearance(EC), substantial decrease(200KLD) in the projected water requirement compared to that mentioned in Environment Clearance dated 28.11 registration with USGBC under LEED in 2006, presentation given by the project authorities regarding measures adopted during the construction activity like top soil preservation, site barricading ,sprinkling for dust suppression and storages provided for construction material proposal to capture 100 % storm water with the provision of 18 recharge chambers and tanks to store

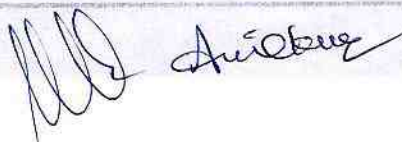


325 KL of rain water from terrace, design of Building for having sufficient day light, installation of Gas based power generation Sets and special provision are being made for cyclers by providing cyclers bath facilities, and charging points for BOV to conserve the fossil fuel etc. The SEAC in its 80th meeting held on 28.05.2016 sought the additional information from the Project Proponent for its further consideration as follows:

1. Any document of third party construction audit certifying the details of construction completed in November 2011 i.e. in the month of expiry of EC.
2. Documents certifying the date of registration with LEED.
3. Copy of the letter written to MOE&F by the project proponent and its response received from MOE&F w.r.t. reduced water demand calculations while obtaining the EC in 2006.
4. Photographs of the site showing the status of construction in chronological manner with due indication of dates.

The project proponent submitted its reply on 12.07.2016 furnishing the information. The Project Proponent submitted a letter dated 16.07.2016 also during the presentation, clarifying that tower area was completed in November 2011 in addition to a third party certificate certifying that structure work of tower area including basement was completed in November 2011. The committee observed that the Project Proponent has not applied for expansion of the project but for revision/ amendment in the environmental clearance issued. The committee felt that major environmental safeguards are required to be complied with at the time of starting the construction work and carrying out the construction activity and the aforesaid phase of the project was undertaken substantially during the validity of Environmental Clearance & the project is proposed to be made operational ensuring sustainable environmental management. The committee also took notice of the fact that the project got itself registered with US Green Building Council on 22.12.2005 i.e. even before obtaining the Environmental Clearance dated 28.11.2006. The committee deliberated on the reduced water demand of 284 KLD during operational phase. The source of water supply during construction phase and during operational phase is tanker water supply. In this regard the letter dated 01.10.2014 issued by EE (South-I) allowing the supply of 50 KLD of water through tankers from filling point situated at CWG village was taken into account. As per water mass balance submitted fresh water requirement for domestic use is 45 KLD and rest of the water requirement for HVAC cooling (90 KLD), Flushing water (105 KLD), DG Cooling (12 KLD) & Gardening (32 KLD) is proposed to be met with through STP treated water. During operational phase waste water generation of 150 KLD will be treated in STP of 180 KLD capacity through MBBR technology. Total 149 KLD of treated waste water will be recycled (105 KLD for flushing, 32 KLD for gardening, 12 KLD DG cooling) & 90 KLD for HVAC cooling water demand will be met through STP treated water through tanker water supply. The committee observed that the proposed project is on the basis of the Green Building concept and it has already received LEED preliminary review from USGBC earning 38 points out of 59 points attempted in first review.

After due deliberation based on the information furnished, presentation made and further discussions held, the SEAC in its 81st meeting held on 16.07.2016 recommended that the project proponent be asked to give the revised presentation on the details of the construction completed supported with the statement of expenditure incurred for the work done till November, 2011. Further the Project Proponent is required to confirm the sources for the all kind of water requirement. The case was considered in 82nd meeting of SEAC held on 20.08.2016 and committee decided to invite the representative of MoEF&CC in next meeting for further deliberation in the matter. Accordingly the representative of MoEF was invited vide letters issued to MoEF & CC, GOI on 21.09.2016 & 04.10.2016 for the 83rd meeting of SEAC however the concerned official could not attend the meeting.



The case was considered in 83rd meeting of SEAC held on 15.10.2016 and committee decided to defer the case to next meeting however the representative of MoEF could not attend 84th meeting also.

During the meeting the Project Proponent provided the current status of LEED review from USGBC earning 54 points earned out of total attempted 57 points enough for platinum rating.

After due deliberation the SEAC in its 84th meeting held on 22.10.2016 recommended as follows:

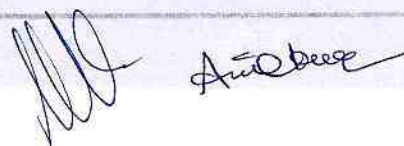
Based on the information furnished, presentation made and further discussions held, the SEAC recommended the case to SEIAA for grant of revised amended Environmental Clearance along with the following specific conditions with the observation that SEIAA may take a view for consultation of MoEF & CC if felt necessary:

(1) CONSTRUCTION PHASE

1. "Consent to establish" shall be obtained from Delhi Pollution Control Committee (DPCC) under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the regional office of Ministry of Environment & Forests & State Level Environment Impact Assessment .
2. The Project Proponent shall obtain all other necessary requisite clearances/ permissions from concerned authorities/ agencies before commencement of work.
3. A first aid room to be provided in the project both during construction and operation phase of the project.
4. The Approval of competent authority shall be obtained for structural safety of the building due to earthquake, adequacy for firefighting equipment etc as per National Building Code including protection measures from lightening etc.
5. All required sanitary and hygienic measures should be maintained throughout the construction phase.
6. Provision shall be made for the 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, crèche etc. The housing may be in the form of temporary structures to be removed after completion of the project.
7. The Project Proponent shall ensure that the guidelines issued by Ministry of Environment, Forests & Climate Change (MoEF&CC), vide 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.
8. All the top soil excavated during construction activities should be stored for horticulture/landscape development within the project site.
9. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority. The Rules on the Solid Waste Management including Construction waste issued by MoEF&CC as amended will be applicable.
10. 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.



11. Any hazardous waste generated during construction and operation phase should be disposed off as per applicable rules and norms with necessary approvals to the Delhi Pollution Control Committee.
12. During the construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India &ors.
13. Vehicles hired for bringing construction material to the site and other machinery to be used during construction 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. The material loaded or unloaded should be covered (especially sand, excavated soil) before transportation to avoid fugitive emissions etc.
14. Techniques like, air extraction equipment, and covering scaffolding, hosing down road surfaces, reducing the speed of vehicle, use of covering sheets for vehicles carrying construction materials and cleaning of vehicles to reduce dust and vapour emissions. Measures should include appropriate containment around bulk storage tanks and materials stores to prevent spillages entering watercourses.
15. 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.
16. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
17. Ambient noise levels should conform to prescribed standards both during day and night. Adequate measures should be made to reduce ambient air and noise level during construction and operation phase, so as to conform to the norms stipulated by CPCB/DPCC. Ambient air and noise monitoring should be done by an accredited lab and data should also be submitted, on six monthly bases, with DPCC& Regional Office of MoEF&CC. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
18. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended to date.
19. Ready Mix Concrete must be used in building construction.
20. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices preferred.
21. Ground water withdrawal shall not be done without obtaining prior permission for ground water withdrawal from Delhi Jan Board, in compliance of notification dated 12.07.2010.
22. 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.
23. Construction/provision of the STP, DG Sets, Utilities etc, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on without intimation to the concerned authorities.
24. Health and safety norms of CPWD should be followed during construction.
25. Soil and water samples of the site should be tested by the proponent through DPCC recognized laboratory to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants, on quarterly basis for inclusion in the six monthly report.
26. Adequate steps shall be taken to conserve energy by limiting the use of glass 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, provision of



- proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.
27. Energy Conservation Building Code to be strictly adopted in all aspects of building design and construction.
 28. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to all surroundings.

II. OPERATION PHASE

29. Consent to Operate shall be obtained from DPCC under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority, before operation, failing which the Environmental Clearance herein shall be deemed to be withdrawn.
30. The Zero wastewater discharge condition to be achieved with installation of on-site Sewage Treatment Plant & treated effluent shall conform to the norms and standards prescribed by Delhi Pollution Control Committee. STP based on MBBR technology should be adequate to treat the waste water so that **BOD level should not exceed 10 mg/l in treated water**. The STP should be certified by an independent expert and adequacy report in this regard should be submitted to Delhi Pollution Control Committee & State Level Environment Impact Assessment Authority before the project is commissioned for operation. Necessary measures should be made to mitigate the odor problem from STP.
31. The project proponent shall provide electromagnetic flow meter at the inlet & outlet of the water supply, Inlet & outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for cooling, flushing and for horticulture purpose/green etc. and shall maintain a record of readings of each such meter on daily basis.
32. The quantity of fresh water usage and water recycling shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Delhi Pollution Control Committee, State Level Environment Impact Assessment Authority & Regional Office, MoEF&CC along with six monthly Monitoring reports.
33. The treated wastewater of shall be recycled and reused for Cooling, flushing & for Horticulture/ landscape purposes to reduce the demand of fresh water as committed.
34. The Operation and Maintenance of STP shall be made in the MoU with STP supplier. Project Proponent shall ensure regular operation and maintenance of the STP.
35. Rain water harvesting, for roof top run-off and surface run-off should be implemented. Before recharging the surface run-off, pre-treatment must be done to remove suspended matter, oil and grease. The depth of the bore for rainwater recharging should be kept in consultation with DJB/CGWA. No wastewater (such as sewage, trade effluent, backwash of treatment unit, floor washing wastewater etc) should be discharged into the rainwater harvesting structure in order to avoid groundwater contamination.
36. Separation of grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done.
37. All the pipelines carrying water/ waste water should be distinguished using color coding on raw & potable water pipes. grey water, black water. reuse lines of treated water for flushing, cooling & Horticulture etc.
38. Utilization of Diesel power generating sets is subject to power failure condition only. The DG sets proposed as a source of power back up during operation phase should be of enclosed type, low sulphur diesel run and conform to rules made under the Environment (Protection) Act, 1986. The DG sets should be subjected to periodic noise and stack monitoring. Waste/used diesel should be stored and managed as per

- Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016.
39. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
 40. Energy Conservation measures such as solar lighting for common areas, solar water heating system, LEDs for lighting of areas, signage, solar inverters etc. should be adopted.
 41. Used CFLs/ LEDs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/rules of the regulatory authority.
 42. A Report on energy conservation measures conforming to energy conservation norms finalized by Bureau of energy Efficiency should be prepared incorporating details about building materials and technology, R & U factors etc. and submit a copy to Ministry of Environment & Forests, Regional Office, Lucknow and DPCC in three months time with intimation to SEIAA.
 43. Thick green belt of the adequate width and density with local species, as per plan submitted, shall be raised along the periphery of the plot so as to provide protection against particulates and noise. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety.
 44. Traffic congestion near the entry and exit points from the roads adjoining the project site must be avoided. Parking should be fully internalized and no public space should be utilized.
 45. **Environmental Clearance will be subject to the condition that concerned local civic agencies will give the permission for use/ occupation of the building only after the written assurance of DJB/ New Delhi Municipal Council / other such local civic authority (as the case may be) regarding supply of adequate water for the residents/ occupiers.**
 46. Grant of environmental clearance does not necessarily implies that water/ power supply shall be granted to the project and that their proposals for water/ power supply shall be considered by the respective authorities on their merits and decision taking.
 47. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from water/ power supply angle shall be entirely at the cost and risk of the project proponent and SEAC/SEIAA, Delhi shall not be responsible in this regard in any manner.
 48. Minimum 1 tree for every 80 Sq. Mt of plot area should be planted within the project site in accordance with the landscape plan submitted.
 49. **Green building norms should be followed and attempt should be made to achieve platinum rating of LEED.**
 50. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations.

Agenda 5:**Case No. C-323**

Name of the Project	"CAPFIMS" Central Armed Police Forces Institute of Medical Sciences along with its Referral & Research Hospital and Allied Institutes
Project Proponent	Dr. R.S. Rathore Member Secretary & Project Consultant "CAPFIMS" MHA (GOI) Ministry of Home affairs East Block-9, Level 4, Sector-1 R.K. Puram, New Delhi
Proposal No.	SIA/DL/NCP/16845 /2016
File No.	DPCC/SEIAA-III/C-323DL/2016

The Proposal is for grant of Environmental Clearance for "CAPFIMS" Central Armed Police Forces Institute of Medical Sciences along with its Referral & Research Hospital and Allied Institutes. The project is located at 28°28'28.61"N Latitude and 77° 12'54.83"E Longitude.

Area detail: The total plot area of the project is 208009.30 sq.m (51.4 acre). The total built-up area is 372504.44 sq. m. The project comprises of 21 No. of Blocks/ Towers which consists of G/S +14. No of beds in hospital 800 and no of residential unit 440. The total permissible FAR is 520023.25 sq m and proposed FAR is 333400 sq m. The permissible ground coverage is 83203.72 sq m (40% of the plot area). The achieved ground coverage is 44200 sq m (21.25% of the plot area). The total basement area will be 30100 sq m. Maximum height of the proposed building is 51 m which is the permissible height as per approval of AAI. 17.75 acres of the project site falls under southern ridge/geomorphologic ridge as per Ridge Management Board meeting dated 06.06.2016.

Water details: During operational phase, total water requirement for proposed complex shall be 2199 KLD (2522KLD TOR). Water shall be used mainly for domestic, flushing, Gardening, Cooling, Lab & OT, & miscellaneous purposes. Total quantity of wastewater generation shall be 1380 KLD (1236 from domestic uses & 144 KLD from Lab & OT). The 1236 KLD of generated sewage shall be treated in STP of 1800 KLD (2 modules of 900each) and 144 KLD of wastewater from Lab & OT shall be treated in ETP of 175 KLD. The treated water generation from STP will be 1211 KLD out of which 1168 KLD shall be reused for flushing, cooling, gardening and misc. purposes and excess 43 KLD shall be discharged to sewer. Numbers of RWH pits proposed are 5 nos.

Solid waste: Approx. 30 Kg/day of Municipal Solid Waste generated from temporary labors shall be disposed of as per Municipal Solid waste handling norms. Used oil whenever generated from the DG sets shall be kept in an isolated area and in leak proof container and shall be sent to the approved recycler. The biodegradable waste 3118 kg/day will be processed at site using OWC and 1337 kg/day recyclable waste shall be given to the approved recycler and 230kg/day of biomedical waste will be sent to approved biomedical waste recycler.

Power: The total power requirement is 14162.3 kW and will be met from BSES. Proposed energy saving measures would save about 18-20 % of total power requirement. Project Proponent also submitted copy of letter written to BSES for issuance of power supply assurance certificate for consumption of 16278 KW.

Parking facility: The total parking facility of 6684 ECS is proposed to be provided against the requirement of 6668 ECS.

Eco-Sensitive areas: The Asola wildlife sanctuary is 200m North, East & South & Okhla Bird Sanctuary is 12.15 Km NE.

Plantation: Total number of new trees to be planted are 2620.

Cost of the project: The cost of the project is Rs. 1071 Cr.

Project Proponent also submitted copy of letter dated 06.05.2016 written to SDMC by Directorate of Delhi Fire services regarding No Objection for approval of layout plan w.r.t fire safety point of view at the conceptual stage.

Copy of NOC dated 28.05.2012 issued by Airport Authority of India w.r.t site elevation height above Mean Sea Level.

Project Proponent also submitted copy of application submitted for DUAC approval and for approval of building plan in SDMC.

In reference to the TOR conditions of obtaining permission in respect of construction in Aravalli range the Project Proponent has submitted a copy of request letter dated 20.02.2015 addressed to Chief Conservator of Forest & Chief Wildlife Warden, Department of Forest and Wildlife, GNCTD, A-Block, 2nd floor, Vikas Bhawan, I.P Estate, New Delhi-110002 for grant/issuance of certificate.

In reference to the TOR conditions of obtaining prior clearance from Wildlife Angle including clearance from standing committee of NBWL the Project Proponent has submitted a copy of request letter dated 20.02.2015 addressed to Chief Conservator of Forest & Chief Wildlife Warden, Department of Forest and Wildlife, GNCTD, A-Block, 2nd floor, Vikas Bhawan, I.P Estate, New Delhi-110002 for according clearance.

The Project Proponent submitted minutes of the meeting dated 06.06.2016 of ridge management board regarding its proposal for construction of CAPFIMS at Maidan Garhi on an area of 51.4 acres. The said minutes states that keeping in view the proximity of construction area to Asola Bhatti Wildlife Sanctuary, The verification of exact location of proposed construction site and sanctuary boundary area was analysed and out of total project area of 51.40 acres, an area of 17.75 acres falls under ridge/ geomorphological ridge wherein no construction can be permitted. The said minutes further states that the ridge management board has approved the proposal while observing that left over area of the proposed institute as part of morphological ridge/ ridge should have vegetative cover so that it works as a shield for the wildlife in the nearby sanctuary area and there shall be no further expansion of the institute in future.

The case was considered in 83rd meeting of SEAC held on 15.10.2016 and committee asked the project proponent to come again for presentation in next SEAC meeting with clarification on Forest Clearance for the forest land 17.75 acre out of 51.4 acre of total land, detail of credible source of water supply during construction & operational phase and analysis of ambient air quality etc.

The case was presented again in 84th meeting of SEAC and the project proponent provided a copy of letter dated 18.10.2016 addressed to Chief Conservator of Forest & Chief Wildlife Warden, Department of Forest and Wildlife, GNCTD, A-Block, 2nd floor, Vikas Bhawan, I.P Estate, New Delhi-110002 enclosing the layout plans of the project site for the proposed construction on the land under consideration excluding the 17.75 acres identified falling under ridge/geomorphological ridge where no construction can be permitted. The Project Proponent during the meeting confirmed that the proposal before SEAC is as per the layout plans submitted to Department of Forest and Wildlife, GNCTD excluding the ridge/geomorphological ridge. The project proponent further stated that they no ground water will be extracted at site for construction purpose and the arrangement of water suitable for



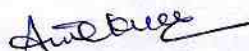
construction will be made from Authorized. An undertaking in this regard was also handed over during the presentation. As per TOR dated 12.02.2015, MoEF&CC has envisaged the public hearing to be conducted by the DPCC and the project proponent has clarified that the same is not required as per provision of EIA notification. In view of submission made by the project proponent the committee observed that the project proposal does not require to undergo public consultation in view of provision under para 7 (i) III-D of EIA Notification.

After due deliberations, the SEAC in its 84th meeting held on 22.10.2016 recommended as follows :

Based on the information furnished, documents shown & submitted, presentation made by the project proponent and further discussions held, the project is recommended to SEIAA for grant of Environmental Clearance.

1. *Construction will be started subject to final approval of the recommendation of Ridge Management Board by Central Empowered Committee.*
2. *The construction shall not be started without obtaining the water assurance/permission of Delhi Jal Board / competent Authority responsible for supply of water.*
3. *No construction shall be done at the project site till approved from Central Empowered Committee*
4. *Treated water of DJB STP should be used for construction purposes up to the maximum extent possible.*
5. *Packaged/ mobile STP shall be provided for labour camp during construction phase.*
6. *Ground water should be extracted only after the permission from DJB.*
7. *Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work.*
8. *STP of MBBR Technology should be adequate to treat the waste water so that BOD level should not exceed 10 mg/l in treated water.*
9. *Flow Meters should be installed to monitor consumption of fresh water as well as treated water and log book for these flow meters be maintained in a regular manner. Flow meters shall be installed at Inlet of STP, outlet of STP, inlet of flushing tanks, inlet of cooling water tanks and reuse line for horticulture purposes.*
10. *Project proponent should provide the fixed pipelines for proper distribution of excess treated waste water reuse for horticultural in nearby area.*
11. *Minimum 1 tree for every 80 Sq. Mt of plot area should be planted within the project site in accordance with the landscape plan submitted.*
12. *Solar Photovoltaic (SPV) system should be installed to reduce use of conventional source of energy. Minimum 60% of Roof top of the building as well as other exposed area such as parking sheds should be utilized for installation of Solar Panels/ SPV system.*
13. *Only LEDs should be used.*
14. *Green building norms should be followed with a minimum 3 star GRIHA rating and Gold rating should be followed up.*
15. *Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.*

16. Minimum 8 m high barricade should be provided all around the project site before the start of construction.
17. During the Construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & ors.
18. Project proponent shall be responsible for establishment, operation and maintenance of all common facilities and also for compliance of EC conditions during operation stage.
19. In view of MoEF&CC Office Memorandum No. 21-270/2008-IA.III dated 19.06.2013 read with MoEF&CC Office Memorandum No. 22-154/2015-IA.III dated 10.11.2015, this environmental clearance is granted focusing only on the environment concerns. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations.
20. This Environmental Clearance is subject to the condition that concerned local civic agencies will give the permission for use/ occupation of the building only after the written assurance of DJB/ New Delhi Municipal Council / other such local civic authority (as the case may be) regarding supply of adequate water for the residents/ occupiers.
21. Grant of environmental clearance does not necessarily implies that water/ power supply shall be granted to the project and that their proposals for water/ power supply shall be considered by the respective authorities on their merits and decision taking.
22. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from water/ power supply angle shall be entirely at the cost and risk of the project proponent and SEAC/SEIAA, Delhi shall not be responsible in this regard in any manner.
23. In the Hospital Block the treated water from Hospital ETP should be used for cooling purposes and should not be mix with STP treated water..
24. In the Hospital Block the Rain Water from roof top only should be discharged in the RWH pits for recharging of ground water. Surface rain water should be drained out into public storm water drainage system.
25. In the residential complex the total capacity of DG sets should not exceed 30% of the total load.



Agenda: 06

Case No: 20

Name of the Project	"Environmental Clearance for renovation of M/s Hotel Queen Road Pvt. Ltd., 19, Ashoka Road, New Delhi..
Project Proponent	M/s Hotel Queen Road Pvt. Ltd., 19, Ashoka Road, New Delhi.

The issue was deliberated in the earlier meetings of SEIAA and the Authority observed that the decision to grant the Environmental Clearance has been taken the erstwhile SEIAA however the same has not been issued in view of the action to be concluded in accordance with the OMs issued by MoEFCC w.r.t. such violation cases. It was gathered that the said OMs remained under the scrutiny of law in Hon'ble NGT and Hon'ble Supreme Court. Further issues raised are quite complex and require details deliberations of its legal aspects including present legal status of the OMs in view of quashing of OMs by Hon'ble NGT and consequent appeal in Hon'ble Supreme Court.

As decided in the previous meeting, Law Officer of DPCC was invited for discussion. It was deliberated that the OMs of MoEF&CC dated 12.12.2012 & 27.06.2013 were quashed by Hon'ble National Green Tribunal, vide its judgment dated 07.07.2015 in OA No. 37 of 2015. Later on, Hon'ble Supreme Court stayed the aforesaid judgment of NGT in Civil Appeal No. 7191 of 2015 on 24.09.2015.

In the present case, the Authority was of the view that such incidences of going ahead and completing the project without prior EC should be restrained with deterrence.

Keeping in view the aforesaid, it was decided to seek legal opinion from appropriate section of DPCC to consider further course of action in the present matter apropos of relevant court orders, as also OMs / notifications issued by MoEF&CC on the subject.

Case was taken up in the 30th SEIAA meeting held on 30.03.2014 and the Authority desired that the required opinion be arranged by 15.04.2016 for its consideration in next meeting

The opinion of law office of DPCC inter-alia states that SEIAA has to file prosecution in first instance, before issuance of EC.

In view of above authority in its 31st meeting dated 19.04.2016 decided that complaint for filing the prosecution by SEIAA be prepared by the legal cell of DPCC.

Draft compliant prepared by legal cell of DPCC received & the same was placed before authority in the 38th meeting held on 05.10.2016 & authority decided that the matter be referred to SEAC for comments.

The SEAC discussed the matter and decided that the matter be referred to legal cell of DPCC for examining the ground for prosecution in view of applicability of Environmental clearance narrated in a letter of MoEF issued to project proponent.



Table Agenda No.1

A mail directed to Hon'ble Lt.Governor and Hon'ble CM received on 03.10.2016 from Manoj Mishra, Convener, Yamuna Jive Abhivaan regarding NHAI is planning to construct 2 new Pseudo bridges on river Yamuna on either side of the existing Nizamuddin bridge on NH 24 as part of its Delhi-Meerut Expressway.

The committee deliberated on the matter and decided to forward the letter/mail to NHAI for necessary action at their end.

