

By speed post

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|  | <p><b>STATE ENVIRONMENTAL IMPACT ASSESSMENT<br/>AUTHORITY (SEIAA)-DELHI</b><br/><b>OFFICE OF DELHI POLLUTION CONTROL COMMITTEE</b><br/><b>5<sup>th</sup> FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI 110006</b><br/>Visit us at <a href="http://dpcc.delhigovt.nic.in">http://dpcc.delhigovt.nic.in</a></p> |
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F.No. DPCC/SEIAA/2017/42/ 5355- 5362/5362

Dated: 05/01/2017

**MINUTES OF MEETING**

Please find enclosed the minutes of meeting of 42<sup>nd</sup> meeting of the State Environmental Impact Assessment Authority (SEIAA) held on 05.01.2017 in the Conference Room of DPCC, at 5<sup>th</sup> Floor, ISBT Building, Kashmere Gate, Delhi – 110006, for information and necessary action, if any.

  
S.D.17  
(Dr. S. D. Singh)  
Member Secretary

To:

1. **Sh. Krishna Mohan Sahni, IAS Rtd. (Chairman, SEIAA)**, House No.38, Pkt 2, Jasola Vihar, Behind Apollo Hospital, New Delhi-11002.
2. **Dr. Kamal K Pant (Professor) (Member, SEIAA)**, Department of Chemical Engineering IIT Delhi, Hauz Khas, New Delhi-110016
3. **Director, Mahatma Gandhi Institute of Combating Climate Change (MGICCC)(Member Secretary, SEIAA)**, Department of Environment, Government of National Capital Territory of Delhi, Pall-Bakthawarpur Road, Alipur, New Delhi, Delhi-110036.
4. **Additional Principal Chief Conservation of Forest (C)**, Regional Office (Central), Ministry of environment & Forest, Regional Office, Kendriya Bhawan, 5<sup>th</sup> Floor, Sector-H, Aliganj, Lucknow-226024.
5. **Dr. Mukesh Khare (Professor) (Chairman, SEAC)**, Department of Civil Engineering, Indian Institute of Technology, Delhi Hauz Khas, New Delhi-110016.
6. **Director (Environment), (Secretary, SEAC)**, Department of Environment, Government of NCT of Delhi.
7. **PS to Secretary (Environment) cum Chairman, DPCC-** for kind information.
8. **IT Cell** for placing the minutes on website.

  
S.D.17  
(Dr. S. D. Singh)  
Member Secretary

**STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY (SEIAA)-DELHI**  
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE  
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006  
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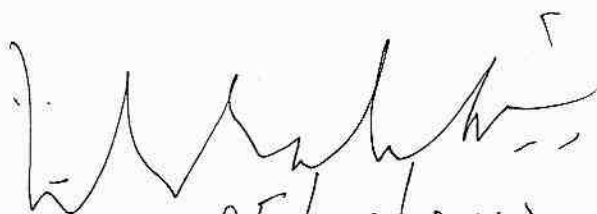
**Minutes of the 42<sup>nd</sup> meeting of State Level Environmental Impact Assessment Authority (SEIAA) held on 05.01.2017 at 11.30 am in the Conference Room of Delhi Pollution Control Committee.**

The 42<sup>nd</sup> meeting of the State Level Environmental Impact Assessment Authority (SEIAA) was held on 05.01.2017 in the Conference Room of Delhi Pollution Control Committee, ISBT Building, Kashmiri Gate, Delhi-06.

The meeting was held under the Chairmanship of Sh. Krishna Mohan Sahni. The following were present in the meeting:

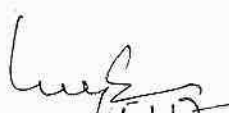
- 1) Sh. Krishna Mohan Sahni - Chairman
- 2) Dr. Kamal K Pant - Member
- 3) Dr. S. D Singh - Member Secretary

Sh. Pankaj Kapil, SEE, DPCC & S.K. Goyal, EE, DPCC assisted the Authority during the meeting.



05/01/2017

(Krishna Mohan Sahni)  
Chairman, SEIAA



(Dr. S D. Singh)  
Member Secretary, SEIAA



(Dr. K.K Pant)  
Member, SEIAA

**Agenda: 01**

**Complaint regarding allegedly Fraudulent/False Claim made in EIA Reports submitted to the EAC (MoEF)/ SEIAA & SEAC (Delhi) for Environmental Clearance**

In reference to the representation of Sukh Dukh Ke Sathi Sanstha, B-45, Sadhbhawna Apartments, received vide email dated 25.04.2016, the DJB was requested to provide comments to SEIAA, vide letter dated 17.05.2016 in pursuance of decision taken in 32<sup>nd</sup> meeting of SEIAA.

A letter dated 22.06.2016 received from Chief Engineer, Planning, DJB giving reference to Meeting held in chamber of Hon'ble Minister of Water, Delhi deciding that Environmental Clearance of all such project cleared without Consent of Delhi Jal Board should be reviewed again after consultation with DJB and in future same practice may be followed. In the aforesaid letter the DJB has informed that 5 projects have been approved by DJB, 3 projects are under scrutiny, 10 projects have not submitted the proposal and 2 projects pertain to NDMC.

In this regard the Authority observed that the Environmental clearances are issued with certain conditions, one of them is seeking clearance from DJB also. SEIAA is already reviewing the status of compliance of these conditions by seeking the periodical compliance report to be submitted on 1<sup>st</sup> June & 1<sup>st</sup> December of calendar year as per provision of EIA Notification, 2006.

As decided in 33<sup>rd</sup> meeting of SEIAA held on 07.06.2016 and 34<sup>th</sup> meeting of SEIAA held 05.07.2016 letters to 55 projects have been issued on 17.06.2016/21.07.2016 to whom Environment Clearances were issued after 28.02.2014 by SEIAA, Delhi.

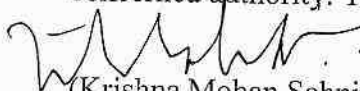
The SEAC in its 81<sup>st</sup> meeting held on 16.07.2016 recommended as follows:

The committee is of the view that appraisal of any project is related to the environmental impact of the activities being undertaken and mitigation measures to be adopted to minimise the impact by sustainable environment management. The conditions in Environment Clearance are imposed accordingly. The Environment Clearance is s

upposed to be issued at the conceptual stage of the project even before preparation of the land. The environment clearance is independent of other statutory permissions required to be obtained by the project proponent. In view of Delhi Jal Board letter dated 22.06.2016 the conditions decided to be imposed in Environmental Clearances being issued by SEAC/SEIAA be vetted legally keeping in view 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, stating that the project will be regulated by the concerned local Civic Authorities under the relevant provisions of the MPD-2021, Building Control Regulations and Safety Regulations.

A letter dated 2.08.2016 has also been issued to Chief Engineer (Planning), DJB apprising that SEIAA is already reviewing the status of compliance of these conditions by seeking the periodical compliance report to be submitted on 1<sup>st</sup> June & 1<sup>st</sup> December of calendar year as per provision of EIA Notification, 2006.

The issue was deliberated in the 35<sup>th</sup> meeting held on 19.08.2016 and it was observed that six monthly compliance are not categorical about the status of water supply permission from the concerned authority. Therefore the authority decided that the project proponent be specifically

  
(Krishna Mohan Sahni)  
Chairman, SEIAA

  
(Dr. S D. Singh)  
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(Dr. K.K Pant)  
Member, SEIAA

asked to furnish the status of permission/assurances obtained from DJB/NDMC or through authorized sources for meeting out the water supply requirement during the construction as well as operational phase of the project. It was also observed that there are 13 Environmental Clearances which were issued by MoEF & CC in absence of constitution of SEAC& SEIAA Delhi in year 2014-2015. Therefore the compliant may be forwarded to the MoEF & CC, GOI for taking a view in this matter and under intimation to SEIAA-Delhi on the proposal forwarded by DJB vide letter dated: 22.06.2016.

Letter to MoEF and CC has been issued on 06.09.2016 and letters to 55 Project Proponent to whom Environment Clearances were issued after 28.02.2014 by SEIAA, Delhi have been issued on 08.09.2016 to furnish the status of permission/assurances obtained from DJB/NDMC or through authorized sources for meeting out the water supply requirement during the construction as well as operational phase of the project.

No reply received from MoEF & CC, GOI. The issue was taken up in 36<sup>th</sup> SEIAA meeting held on 14.09.2016 and it was decided that the case be listed again in the next meeting of the authority with replies received if any from Project Proponent and MoEF & CC, GOI.

The issue was taken up in 38<sup>th</sup> SEIAA meeting held on 05.10.2016 and it was decided that the reply of project proponents will be reviewed in next meeting and SEIAA in its 39<sup>th</sup> meeting held on 27.10.2016 decided that reminders be issued to the project proponent who have not responded to the letter sent by SEIAA.

The issue was taken up in 40<sup>th</sup> SEIAA meeting held on 15.11.2016 and 41<sup>st</sup> meeting held on 15.12.2016 and was decided to defer the Case for next meeting.

**The SEIAA deliberated in the meeting and decided that the project falling in category 'B' of item No. 8(b) as per notification S.O.No. 3999 ( E ) dated 09.12.2016 may be identified and segregated for further review.**

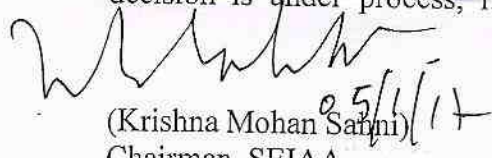
**AGENDA NO: 02**

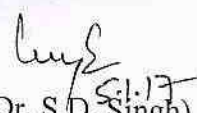
**Issue related to mechanism for Compliance of EC conditions**

The SEIAA decided that with immediate effect, all the clearances given till date by the SEIAA w.e.f 28.02.2014 (i.e the date of notification delegating power u/s 5 of EPA to SEIAA) will be reviewed with regard to the status of implementation of terms & conditions imposed, by Authority on each project proponent who are to submit the same twice a year, namely, 1<sup>st</sup> of June and 1<sup>st</sup> of December, as prescribed under para 10 (ii) of EIA Notification, 2006.

As decided in 33rd meeting of SEIAA held on 07.06.2016 and 34th meeting of SEIAA held 05.07.2016 letters to 55 projects have been issued on 17.06.2016/21.07.2016 to whom Environment Clearances were issued after 28.02.2014 by SEIAA, Delhi.

The issue was deliberated in 35<sup>th</sup> meeting held on 19.08.2016 and it was decided that six monthly report/status of projects as per Environmental Clearance granted, be obtained from all the Project Proponents to whom it has been granted in NCT of Delhi irrespective of issuing authorities (SEIAA- Delhi/ Govt. Of India). The issue was again deliberated in 36th meeting of SEIAA held on 07.09.2016 and observing that further action for implementation of the decision is under process, it was decided the letter be issued to Project Proponents for

  
(Krishna Mohan Sahni)  
Chairman, SEIAA

  
(Dr. S.D. Singh)  
Member Secretary, SEIAA

  
(Dr. K.K. Pant)  
Member, SEIAA

reporting the present status of six monthly compliance as on 1st June 2016, those who have already submitted may reply along with the soft copy.

Status of 32 projects to whom letters were issued in pursuance of decision taken in 33<sup>rd</sup> meeting of SEIAA held on 07.06.2016 was reviewed individually in 37<sup>th</sup> Meeting of SEIAA held on 14.09.2016 and it was noticed that most of the Project proponents have responded to the letter issued on 17.06.2016, the Authority further decided that:

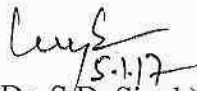
1. Reminder for submission of Six monthly report be issued to the projects who have not submitted the requisite report.
2. Letter be issued to the project proponents who have not started or which are under construction should start plantation of trees along boundary as per landscape plan submitted while obtaining Environmental Clearance in order to take care of rising air pollution and other benefits of trees growth.
3. Letter be issued to the Project Proponents which are operational or have completed the construction, to provide the status of green area, soft area & hard-top area.
4. Decision in two cases i.e., EC Case No. 207 & 237 deferred as the matter are under scrutiny.
5. Status of construction be clarified from the project whose stage of construction is not clear as per Response submitted
6. All projects are required to submit the report of Ground water with respect to report on groundwater quality and level of groundwater table prior to start of construction, prior to start of operation & during operation phase.

In view of 37<sup>th</sup> meeting held on 14.09.2016 as decided above, letters to 30 project proponent have been issued vide letter dated 30.09.2016. In view of 35<sup>th</sup> meeting held on 19.08.2016 & 36<sup>th</sup> meeting held on 07.09.2016, 259 project proponents have been asked to submit the requisite compliance report vide letters dated 21.10.2016 and 36 projects are remaining for want of better particulars.

The issue was taken up in 40<sup>th</sup> SEIAA meeting held on 15.11.2016 and 41<sup>st</sup> meeting held on 15.12.2016.

**The SEIAA deliberated in the meeting and decided that the project falling in category 'B' of item No. 8(b) as per notification S.O.No. 3999 (E) dated 09.12.2016 may be identified and segregated for further review.**

  
05/01/2017  
(Krishna Mohan Sahni)  
Chairman, SEIAA

  
5.1.17  
(Dr. S.D. Singh)  
Member Secretary, SEIAA

  
(Dr. K.K. Pant)  
Member, SEIAA

**AGENDA NO: 03**

**Draft complaint received by Legal cell of DPCC**

SEIAA in its 36<sup>th</sup> meeting held on 07.09.2016 deliberated on the draft complaint to be finalised by the legal cell of DPCC in accordance with the decision during erstwhile SEIAA, it was discussed that there were 7 cases in which complaints to be prepared as per decision taken previously. It was decided that the concerned legal cell of DPCC be directed to report the status of all these 7 cases to the Authority's information. The Authority was of the view that these matters be henceforth assigned to a single lawyer well versed with NGT matter.

Accordingly legal cell has forwarded the status of 7 cases stating that in 4 cases draft compliant had not been put up earlier because of NGT orders dated 07.07.2015 and its stay by the Apex court and in 1 case the compliant has been redrafted in the name of MS, SEIAA.

Out of these 7 cases 2 cases namely Hotel Ashok Yatri Niwas built by India Tourism Development Corporation Ltd. & Akshardham" at NH-24, Off Nizamuddin Bridge, Akshardham Setu, New Delhi are being considered by the SEIAA in their respective agendas.

**The names of the remaining 5 cases in which the draft complaints have been received are as following:**

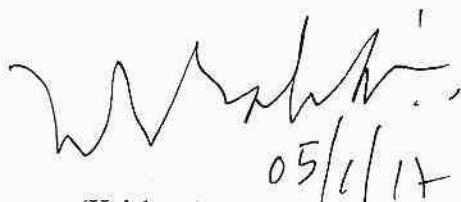
1. Hotel Project "Dusit D2" A Bird Hotel at Asset No.10, Hospitality District, IGI Airport, New Delhi.
2. "MID Market Hotel" Project at Asset-5A, Delhi Aerocity, Indira Gandhi International Airport, New Delhi.
3. New Ward Block & Diabetic Centre at G.T.B Hospital, Shahdra, Delhi.
4. Commercial Complex at Plot No. 9, Jasola Distt. Centre, New Delhi.
5. Shanti Niketan Buildwell Limited. Plot No-D-3, P-3B, Saket, New Delhi.

The case was considered in the 39<sup>th</sup> meeting held on 27.11.2016 and decided that all the above 5 cases be referred to the DPCC law officer looking after NGT cases for specific examination of the case for which EC has been issued after issuance of O.M. dated 12.12.2016.

Accordingly cases were referred to the DPCC law officer.

The issue was taken up in 40<sup>th</sup> SEIAA meeting held on 15.11.2016 and 41<sup>st</sup> meeting held on 15.12.2016

**Only examination for Sr.No.2 M/S MID Market Hotel" Project at Asset-5A, Delhi Aerocity, Indira Gandhi International Airport, New Delhi", is received from Legal cell, DPCC. The issue be put-up in consolidated form after receipt of clarification in all the five cases from Law Officer looking into NGT cases.**

  
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Member, SEIAA

**Agenda No:04**

**Case No. C-314**

|                            |                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name of the Project</b> | "Environmental Clearance for Proposed Wazirabad bridge project on river Yamuna".                                                                                                              |
| <b>Project Proponent</b>   | Mr. P. K. Sharma (Executive Engineer-I) Wazirabad Bridge Project, Delhi Tourism and Transportation Development corporation Ltd., Near Petrol Pump MajnuKaTila, Outer Ring Road, Delhi-110054. |
| <b>Proposal No.</b>        | SIA/DL/NCP/11050/2015                                                                                                                                                                         |
| <b>File No.</b>            | DPCC/SEIAA-III/C-314/DL/2016                                                                                                                                                                  |

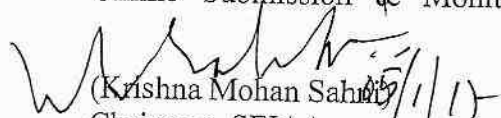
Delhi Tourism & Transportation Development Corporation limited has undertaken the construction of Signature Bridge over the river Yamuna 600 m downstream of existing barrage at Wazirabad, Delhi as a deposit work of PWD, GNCT of Delhi. More than 85 % of the project has already been completed.

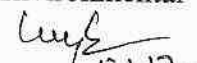
In compliance of NGT order dated-12.2.2015 DTTDC submitted an application of EC before SEIAA, Delhi on 27.02.2015 and the same was returned to the Project proponent vide letter dated 13.3.2015 since the tenure of erstwhile SEAC AND SEIAA expired on 04.08.2014. Project proponent submitted the application for EC in MOEF & CC on vide letter dated 27.03.2015. Further as stated by the project proponent that joint director, IA, MOEF&CC in August 2015 informed them that now cases under category "B" are being dealt by SEIAA, which has been formed and suggested to apply to SEIAA Delhi. Project proponent has submitted unsigned copy of Form-1, Form-1A and EIA report vide letter dated 14.08.2015 by post which was received in the Secretariat of SEIAA of Delhi (i.e. DPCC ) on 24.08.2015 along with the EIA report conducted in October 2004.

After due deliberations, the SEAC in its 72<sup>nd</sup> meeting held on 26.09.2015 recommended the ToR for conducting Environment Impact Assessment study and information to be included in EIA/EMP report. As decided by SEAC, TOR were issued vide letter dated 26.10.2015.

SEAC in its 74<sup>th</sup> meeting held on 12.12.2015 decided to issue a letter to expedite the requisite EIA report as per ToR issued. Accordingly letter was issued on 06.01.2016. SEAC in its 75<sup>th</sup> meeting held on 16.01.2016 deferred the case for next meeting as no response received from the Project Proponent.

Project Proponent submitted fresh EIA Report including Form1 & 1A on 31.03.2016 in response to ToR issued on 26.10.2015. After due deliberations, the SEAC in its 78<sup>th</sup> meeting held on 09.04.2016 decided that in response to ToR issued on 26.10.2015 the Project Proponent should submit it's Form 1 & Form 1A along with all documents/information in Online Submission & Monitoring of Environmental Clearances (OSMEC) Portal of

  
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(Dr. S D. Singh)  
Member Secretary, SEIAA

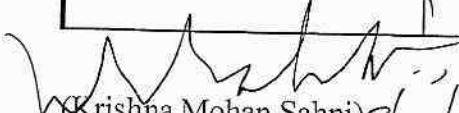
  
(Dr. K.K Pant)  
Member, SEIAA

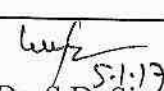
MoEF&CC, GOI. Accordingly the Project Proponent submitted its application on OSMEC portal on 13.04.2016.

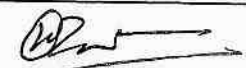
**Details of the Project are as under:**

Delhi Tourism and transportation Development Corporation (DTTDC) has proposed to construct a bridge at Wazirabad and its approaches. The signature bridge shall have a single bow shaped polygon eccentrically placed in the river, somewhat inclining towards the east and supporting the deck on the stay cables placed in harp format. Viewing gallery is planned at the pylon top which is nearly 165m above the river dry bed. The project will be developed in 2 phases Bridge and its approaches have been taken up in 1st Phase and Tourist Destination to be taken up in 2nd phase. The present application of Environment Clearance & EIA study is for the 1st phase development as per following details:

|                                                    |                                                                                                                                                                                                                                       |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Plot Area                                    | 280211 Sq.m                                                                                                                                                                                                                           |
| Cost of the Project                                | Rs 1569 Cr.<br>( Approach-Rs 423 Cr, Bridge-879 Cr , Others -267 Cr)                                                                                                                                                                  |
| Demand & Source of Water during construction Phase | 170 KLD (150 KLD- Construction, 20 KLD – Domestic Purposes) & the water will be arranged by contractor through tanker Supply of DJB.                                                                                                  |
| Demand & Source of Water during Operational Phase  | During operation water is required only for landscaping purposes<br>Water Requirement: 30 KLD & source is Tankers Supply of DJB.                                                                                                      |
| Total wastewater generation                        | Approximately 30 KLD of water will be required during operation phase which will be sourced through Tanker supplier of DJB. As the project is bridge construction, hence the only usage of water will be for watering of green areas. |
| Power requirement                                  | 62.5 kVA (During Construction Phase)<br>2X125 kVA (During operation Phase)                                                                                                                                                            |
| Land area                                          | 28.02 Ha, 13.0 Ha of deemed forest land at Garhi Mandu was diverted for the construction.                                                                                                                                             |
| Built-up area                                      | 26.2 Ha in western and eastern approaches                                                                                                                                                                                             |

  
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The SEAC in its 79<sup>th</sup> meeting held on 16.04.2016 sought the following information from the project proponent:

1. Details of the Simulation study done w.r.t. flow of river Yamuna.
2. Details of the Simulation study done w.r.t. change in traffic flow pattern.
3. Detail of the Impact assessment done w.r.t. Aquatic Ecology.
4. Under taking from PWD assuring adherence to the compliances of conditions to be imposed in Environmental Clearance.
5. Procedure adopted in construction of the embankment by using fly ash and preventive measures taken with assessment of impacts on river Yamuna.
6. Status of plantation of species along with the detail of the survival rate.
7. Status of compliances in respect of the issues raised in Hon'ble NGT order.

Reply received from Project Proponent on 27.05.2016 and the SEAC in its 80<sup>th</sup> meeting held on 28.05.2016 recommended to defer the case on the request of project proponent for submission of detailed revised reply with complete information. The Project Proponent submitted a copy of the letter dated 30.05.2016 addressed to Dy. Conservator of Forest confirming the payment made to forest department for compensatory plantation 3870 numbers of saplings and to maintain the same for 3 yrs. Vide aforesaid letter the project Proponent requested the forest department to provide area wise detail along with photographs of compensatory plantation.

The SEAC in its 81<sup>st</sup> meeting held on 16.07.2016 considered the project proponent's letter dated 27.06.2016 received from the project proponent stating that it will take 2 months more, so they will be able to attend the meeting along with detailed reports in Sept 2016 and deferred the case.

Case was taken up in the 83<sup>rd</sup> meeting of SEAC held on 15.10.2016 and the Project Proponent gave a detailed presentation on queries raised in 79<sup>th</sup> meeting held on 16.04.2016 along with simulation study w.r.t. change in traffic flow pattern and recommended for site visit be conducted by members of SEAC.

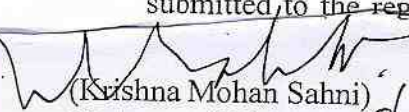
Accordingly Dr. S.K. Singh (Member, SEAC) & Dr. Anil Kumar (Secretary, SEAC) could make it to site visit and took the overview on 16.12.2016 in which the Project Proponent gave the presentation on hydraulic model studies conducted for the proposed bridge, for consideration of the project in SEAC meeting.

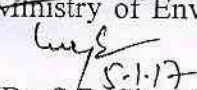
**After due deliberations, the SEAC in its 85<sup>th</sup> meeting held on 17.12.2016 recommended as follows:**

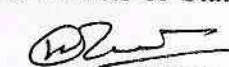
*Based on the information furnished, documents shown & submitted, presentation made by the project proponent and recommended the case to SEIAA for grant of Environmental clearance imposing the following specific conditions:*

**CONSTRUCTION PHASE**

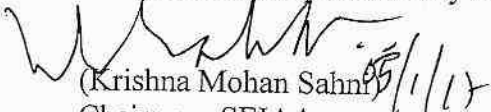
1. "Consent to establish" shall be obtained from Delhi Pollution Control Committee (DPCC) under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the regional office of Ministry of Environment & Forests & State Level

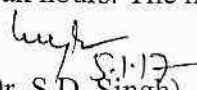
  
(Krishna Mohan Sahni)  
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(Dr. S.D. Singh)  
Member Secretary, SEIAA

  
(Dr. K.K. Pant)  
Member, SEIAA

- Environment Impact Assessment Authority before the start of any construction work at site.
2. The Project Proponent shall obtain all other necessary requisite clearances/ permissions from concerned authorities/ agencies required for undertaking the work.
  3. Necessary mitigative measures against adverse impact to the water bodies that are to be affected shall be provided.
  4. There shall be no disposal of solid and liquid waste into the river Yamuna/water body. The solid waste shall be properly collected, segregated and disposed as per the provision for solid waste (Management and handling), 2016.
  5. A first aid room to be provided in the project both during construction and operation phase of the project.
  6. The Approval of competent authority shall be obtained for structural safety of the bridge due to earthquake, including protection measures from lightening etc.
  7. All required sanitary and hygienic measures should be maintained throughout the construction phase.
  8. Provision shall be made for the housing of construction labor 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.
  9. 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.
  10. All the top soil excavated during construction activities should be stored for horticulture/landscape development within the project site.
  11. 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.
  12. 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.
  13. 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.
  14. 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.
  15. 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

  
(Krishna Mohan Sahni)  
Chairman, SEIAA

  
(Dr. S D. Singh)  
Member Secretary, SEIAA

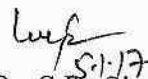
  
(Dr. K.K Pant)  
Member, SEIAA

- be covered (especially sand, excavated soil) before transportation to avoid fugitive emissions etc.
16. 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.
  17. 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.
  18. 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.
  19. 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.
  20. 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.
  21. Ready Mix Concrete must be used in building construction.
  22. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices preferred.
  23. 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.
  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. Energy Conservation Building Code to be strictly adopted in all aspects of building design and construction.
  27. 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**

28. "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.
29. Rain water at both the side of the approaches will be channelized to storm water drain.
30. 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

  
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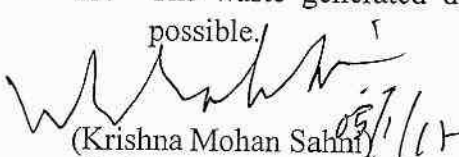
  
(Dr. S D. Singh)  
Member Secretary, SEIAA

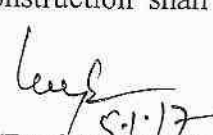
  
(Dr. K.K Pant)  
Member, SEIAA

- 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.
31. 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.
  32. Energy Conservation measures such as 80 stand alone poles with solar panel and LED light will be provided.
  33. 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.
  34. 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.
  35. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021.

## **II. Specific Conditions**

1. Traffic studies may be carried out immediately for stretch between Signature Bridge project and ISBT (On Ring Road) and further from Khajuri Khas to Bhopura Border (i.e Mangal Pandey Marg). Suitable scheme be developed and implemented to ensure smooth flow of traffic from and to the signature bridge within the area upto 5 kms in all directions for a sustainable operation of the signature bridge project.
2. Provide anti-carbonation paint to the complete structure to protect it from pollutants.
3. Traffic flow to be maintained at the eastern and western approach during construction.
4. Project Proponent shall take appropriate measures so that river flow is not obstructed during the construction and operation.
5. The construction debris shall be removed from the river side and shall be used for productive work like construction of road, embankment etc.
6. The storm water from the bridge shall be properly channelized.
7. Ambient Air Quality may be impacted during construction; hence control measures like water sprinkling, road side plantation should be adopted.
8. Soil/sand excavation near the bridge should not be done after operationalization of the bridge.
9. Conservation measures shall be adopted to preserve aquatic and terrestrial fauna.
10. Bio-diversity in terms of flora and fauna shall be maintained.
11. The area temporarily used for storing the construction material and other activities shall be reclaimed by adequate plantation.
12. Plantation along the bridge and road shall be done with native varieties.
13. The waste generated during the construction shall be recycled/reused to the extent possible.

  
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(Dr. K.K Pant)  
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14. Noise and Vibration shall be monitored time to time and control measures shall be adopted for human safety.
15. Control measures shall be taken to avoid soil erosion.
16. Project Proponent should ensure natural flow of river will not be obstructed through the project.
17. Efforts should be made to provide solar light wherever possible.
18. Take adequate measures in maintenance activity to ensure that paint and other hazardous material do not enter in river and riparian area.
19. Remove large debris from bridge decks with sweeper or shovel. Scrape other material by hand before being collected or removed prior to pressure washing.
20. On both flanks of the bridge fencing at suitable height by proper mesh should be provided so that the garbage and other unwanted materials are not thrown in the Yamuna.
21. The bridge and approach influence area shall have a quick drainage system. This drainage arrangement shall ensure surface run off diversion to the river stream.
22. Any sewage/waste water generated during the construction activities shall not be discharged into river Yamuna or flood plain of river Yamuna and the same shall be disposed off in the nearby STP of DJB after pre-treatment.
23. Any diversion of Najafgarh drain or any other drain having confluence in river Yamuna shall only be undertaken with prior intimation to SEIAA, Delhi and with due permission of concerned agencies i.e., Irrigation and Flood Control Department, Yamuna Standing Committee etc.
24. Hydraulic studies for the flow of river Yamuna shall be repeated after operationalization of the bridge specifically with respect to the impact on afflux and the report in this regard be submitted to Regional office of MoEF & CC, GOI and SEIAA, Delhi.
25. A detailed report about the compensatory tree plantation done by the Forest Department shall be included in the Six Monthly Monitoring reports.

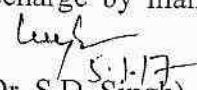
**The case is deliberated by SEIAA and decided that the matter be taken up in the joint meeting of SEIAA & SEAC with DTTDC on 07.01.2017.**

#### Agenda No.5

#### Issues discussed in the joint sitting of SEAC & SEIAA meeting on 22.10.2016

The Chairman SEIAA along with the members of the Authority presided over in a meeting with SEAC held on 22.10.2016 for interacting with SEAC members for harmonising the processing of Environmental Clearance at the appraisal and subsequent approval stages. During the discussion the issue related to water supply assurances, monitoring of Environmental Clearance, ground water recharge by maintaining the soft area/green area,

  
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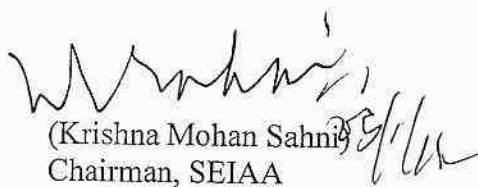
status of water body in proximity of the project sites, examination of topographical and Google map during the appraisal of the project and confirming the possibilities of future expansion of the project under appraisal were discussed. It was decided that the SEIAA will further deliberate on the aforesaid 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.

Accordingly, the SEIAA in its 39<sup>th</sup> meeting held on 27.10.2016 decided the following points for incorporating in processing of Environmental Clearance cases:

1. With immediate effect, copy of Environmental Clearance be endorsed to enforcement Authorities like Commissioner (Planning) DDA, CEO (DJB), concerned DCP, Director Fire Services, Commissioner (MCD) and other related department if any.
2. For the purpose of post Environmental Clearance monitoring few cases be selected for getting them verified through DPCC on random basis.
3. Green area should not be less than 25 % of the plot area out of which minimum 15 % should be of soft green area, so that there should be sufficient recharging of ground water. Further along boundary wall, minimum of soft green space of 2m width be kept for better tree growth and ground water recharge, based on area of 6'X6'/tree being a norm.
4. Distance from Road and water bodies be clearly mentioned from the boundary of the project, if near to project site, their greenery/cleaning, area development be maintained by Project Proponent as Corporate Social Responsibility (CSR).
5. Project Proponent should specify future expansion plan at same site as these will have civic needs in the later stages.
6. During appraisal of the cases, examination of topographical and Google map should be done with a view to ascertaining the nearby existing features.

The SEAC took note of the above observations of SEIAA for incorporating the same while appraising the cases and decided to invite the officials of DJB in next SEAC with information on the demand and water supply status of Delhi along with details on availability of current and future carrying capacity of the water specifically in view of new development activities proposed/planned in city of Delhi. Further the SEAC observed that it was agreed in the joint meeting with SEIAA on 22.10.2016 that during appraisal SEAC will look into assurances of water supply from periphery main supply lines/authorised sources during construction/operation phase of the projects and while issuing Environmental Clearance condition in preconstruction stage will be imposed by SEIAA that the Project Proponent shall obtain water assurance from Delhi Jal Board/Authorised source for the proposed development work.

**The issue ratified.**

  
(Krishna Mohan Sahni)  
Chairman, SEIAA

  
(Dr. S D. Singh)  
Member Secretary, SEIAA

  
(Dr. K.K Pant)  
Member, SEIAA

**Table Agenda: 01**

**Gazette Notification issued vide S.O No. 3999 (E) dated 09.12.2016**

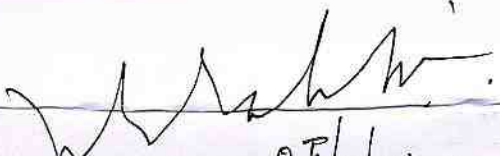
The SEAC in its 85<sup>th</sup> meeting held on 17.12.2016 recommended that "the Gazette Notification issued vide S.O No. 3999 (E) dated 09.12.2016 and the observation of SEIAA in its 41<sup>st</sup> meeting dated 15.12.2016 deciding that with immediate effect only the building and construction projects falling under Category B of item No. 8 (b) will be dealt with SEIAA & SEAC, Delhi were deliberated in the meeting and the committee proposed to seek the clarification from MoEF & CC, GOI regarding the modalities for dealing with the cases which are already under consideration of SEIAA/SEAC- Delhi or accepted on OSEMC by SEIAA- Delhi for appraisal by SEAC-Delhi prior to 09.12.2016".

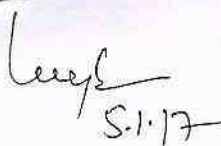
**SEIAA deliberated in the matter and decided to convey a joint meeting of SEIAA & SEAC on 07.01.2017 at 12:30 pm discussion on the issue.**

Date of Next Meeting: 02 February 2017

*Meeting ended with vote of thanks to Chair.*

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05/1/17  
(Krishna Mohan Sahni)  
Chairman, SEIAA

  
S-1-17  
(Dr. S D. Singh)  
Member Secretary, SEIAA

  
(Dr. K.K Pant)  
Member, SEIAA