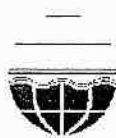


By speed post



**STATE LEVEL EXPERT APPRAISAL COMMITTEE
(SEAC)-DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI 110006**
Visit us at <http://dpcc.delhigovt.nic.in>

F.No. DPCC/SEAC/2017/86/ 5383-5396/5396

Dated: 19.01.2017

MINUTES OF MEETING

Please find enclosed herewith the minutes of meeting of 86th meeting of the State Level Expert Appraisal Committee (SEAC) held on 07.01.2017 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 Lakhanpaul (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.

Contd..

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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

STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC)-DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006

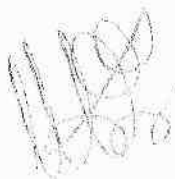
Minutes of the 86th meeting of State Level Expert Appraisal Committee (SEAC) held on 07.01.2017 at 10.00 am in the Conference Room of DPCC at 5th Floor, ISBT, Kashmere Gate, Delhi-06.

The 86th meeting of State Level Expert Appraisal Committee (SEAC) was held on 07.01.2017 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. Rita Kumar	—	Member
4. Dr. Sanjay Gupta	—	Member
5. Dr. Meenakshi Dhote	--	Member
6. Dr. Suman Lakhanpaul	—	Member
7. Dr. Anil Kumar	—	Secretary

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

The minutes of 85th meeting of SEAC held on 17.12.2016 were confirmed by the members.

 *Anupam*

AGENDA ITEM NO.1:**Case No. C-329**

Name of the Project	Expansion Project of Society of Unique Hospitals and Research Institute
Project Proponent	Chief Manager, Society of Unique Hospital and Research Institute, Sector-19, Dwarka
Proposal No.	SIA/DL/NCP/17637/2016
File No.	DPCC/SEIAA-III/C-329/DL/2016

Details of the proposed project is as under:

1. The Proposal is for grant of ToR for Expansion Project of Society of Unique Hospitals and Research Institute is located at Dwarka, Sector-19, New Delhi.
2. The project is located at 28°34'38.71"N latitude and 77°3'21.92" E longitude.
3. **Area detail:** The total plot area of the project is 31,502.00 sqm. The total built-up area is 167487.788 sq.m.(existing constructed is 30334.913 sq.m. out of 71,045 sqm as per earlier EC and proposed expansion is 96,442.288 sq.m.). The maximum permissible FAR is 1,18,132.50 and proposed FAR 1,03,065.74 sq.m.(existing 19,767.55 sq.m. & proposed expansion 83,298.19 sq.m.). The maximum permissible ground coverage is 12,600.80 sq.m. and the proposed ground coverage is 10,763.383sq.m. (existing 3,408.024 sq.m and proposed expansion 7,355.359sqm) . Total basement area is 53,613.295 sqm (existing 7,217.899 sq.m and proposed expansion 46,395.396).Number of beds in hospital are 1250. Maximum height of the proposed building is 46.5 m and permissible height as per approval of AAI is 53.06 m.
4. **Water details:** The total water requirement for the project will be approx.764 KLD (Existing-177.55 KLD & for expansion-586.4KLD).The water supply will be provided by Delhi Jal Board (DJB). The fresh water requirement will be approx. 497.5 KLD (existing + expansion). The PP has approved water supply scheme vide DJB letter dated 31.07.2012 for water requirement of 112 KLD and has applied for an assurance for the enhanced water supply. It is expected that sewage generated from the project will be approx. 457 KLD which will be treated in onsite STP capacity of 548 KLD. The wastewater (trade effluent) generated from OPD, IPD, OT, Blood bank and Labs will be approx. 96 KLD which will be treated in onsite ETP of 115 KLD capacity. The treated effluent from STP will be reused in flushing (159 KLD), Horticulture (57 KLD) & DG cooling (50 KLD) and treated effluent from ETP will be discharged to external sewer. Number of RWH pits proposed are 5.
5. **Solid waste:** The total municipal/domestic solid waste to be generated is approx. 2,447 kg/day. The total estimated bio-medical waste generation is 384.37kg/day from hospital building which will be handed over to the CPCB approved biomedical waste handlers.
6. **Power:** The total power requirement is 9,250 KVA and will be met from Delhi State Electricity Board / Delhi Vidyut Board. 7 number of DG sets of total capacity9250 kVA (3 X 2000 + 3 X 1000 + 1 X 250) are proposed for backup.
7. **Parking facility:** The total parking facility of 2,320 ECS is proposed to be provided against required of 2062 ECS.
8. **Eco-Sensitive areas:** The distance from Asola wildlife sanctuary is 17.75 Km (SE) and Okhla Bird Sanctuary is 23.25 Km(E).
9. **Plantation:** Total Green area is 9482.13 sqm.
10. **Cost of the project:** The cost of the project is Rs29000 (in lacs).

11. CSR: Compulsory free treatment to all EWS category patients up to 25 % in OPD and 10 % in IPD.

After due deliberations, the SEAC in its 86th meeting held on 07.01.2017 decided to issue ToR as follows for conducting Environment Impact Assessment study and information to be included in EIA/EMP report: .

1. Examine details of land use as per Master plan and land use around 10km radius of the project site. Analysis should be made base on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of Environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of Water with requisite prior permission required to be obtained, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain Water Harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water, Examine details.
12. Examine soil characteristics and depth of ground water table for rain water harvesting.
13. Examine details of solid waste generation treatment and its disposal
14. Examine and submit details of use of solar energy and alternative source of Energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets likely to be used during construction and operational phase of the Project. Emissions from DG sets must be taken into considered while estimation the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analyzed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
17. A detail traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.
19. Examine separately the details for construction and operation phases both for Environmental Management plan and Environment Monitoring Plan with cost and parameters
20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.

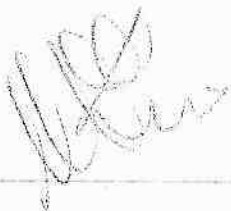
22. The Cost of the project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
23. In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly.
24. The information should be provided about the details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation.
25. Explore the possibilities of utilizing the debris/waste materials available in and around the project area.
26. Submit Environmental Management and Monitoring Plan for all phases of the project viz. construction and operation.
27. Explore the possibilities of utilizing the surplus treated water generated from the STP , so the same may be reutilized at full extent.
28. Specific report regarding green area be given which 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.
29. 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).
30. Project Proponent should specify future expansion plan at same site as these will have civic needs in the later stages.
31. Topographical and Google map should be examined with a view to ascertaining the nearby existing features.
32. Any Further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model TOR available on Ministry website <http://moef.nic.in/Manual/Townships>.

GENERAL GUIDELINES

1. The EIA document shall be printed on both sides, as far as possible.
2. All documents should be properly indexed, page numbered.
3. Period/date of data collection should be clearly indicated.
4. Authenticated English translation of al material provided in Regional languages.
5. The letter/application for EC should quote the MOEF & CC file no. and also attach a copy of the letter prescribing the TOR.
6. The copy of the letter received from the SEAC on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
7. The final EIA-EMP report submitted must incorporate the issues in TOR. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP report where the specific issue raised have been incorporated.
8. Grant of TOR does not mean grant of EC.
9. The status of accreditation of the EIA consultants with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
10. On the front page of EIA/EMP reports, the name of the consultant/ consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an

undertaking to the effect that the prescribed TORs(TOR proposed by the project proponent and additional TOR given by the MOEF) have been complied with and the data submitted is factually correct(Refer MOEF office memorandum dated 4th august,2009).

11. While submitting the EIA/EMP reports, the name of the experts associated with/involvement in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MOEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.
12. The project proponent is required to submit the detailed final EIA/EMP prepared as per TORs SEAC for considering the proposal for environmental clearance within 3 years as per the MOEF&CC O.M. No.J-11013/41/2006-IA-II(I)(p) dated 08.10.2014.
13. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide notification of the MOEF dated 19.07.2013.
14. The Prescribed ToR would be valid for a period of three years for submission of the EIA/EMP Reports



AGENDA ITEM NO.2:**Case No. C-330**

Name of the Project	ToR for Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority at Pocket 14, Sector A1A4 Narela Delhi
Project Proponent	Executive Engineer, Delhi Development Authority, Northern Division-8, Delhi Development Authority, Alipur Road, Narela, New Delhi
Proposal No.	SIA/DL/NCP/18036/2016
File No.	DPCC/SEIAA-III/C-330/DL/2016

Details of the proposed project is as under:

1. The Proposal is for grant of ToR for Prefab 3BHK, 2BHK & EWS Housing For Delhi Development Authority At pocket- 14, Sector A1, A4 Narela , Delhi
2. The project is located at 28° 34' 45" N latitude and 77° 07' 30" E. longitude.
3. **Area detail:** The total plot area of the project is 43200 Sqm . The total built-up area will be 159726.451 sq.m (FAR+Non FAR). The maximum permissible FAR is 82584sq.mt and proposed FAR is 82101.12sq.mt. The maximum permissible ground coverage is 13750.24 sq.m. and proposed ground coverage will be 7233.32sq.mt. The total proposed basements are 2 & its area will be 58122sq. m. The total number of floors are S+13, 16, 17, 18. Maximum height of the proposed building is 60 m.
4. **Water details:** During construction phase, total water requirement is 10-15 KLD and during operational phase water requirement is 1092.8 KLD. During construction phase, water will be sourced primarily through arranged tankers by the contractors and partly through bore wells only if DJB permits for the same and during operation phase water will be supplied by DJB and partly ground water only if DJB permits for the same. During operational phase waste water generation of 864 KLD will be treated in STP of 900 KLD capacity through FAB & MBBR/SAFF technology. Total 274 KLD of treated wastewater will be recycled for flushing & for gardening. Rest of the treated effluent will be used for sector road side green areas and plantation, sector greens in other projects. Number of RWH pits proposed are 8.
5. **Solid waste:** About 3168 kg/day of municipal solid waste will be generated.
6. **Power:** The total power requirement is 18700 kw and will be met from Tata Power Delhi Distribution Limited (TPDDL). The DG Sets of Total capacity of 1727.5 KVA within which, water supply pumps backup is proposed by using DG Sets (1x125 KVA).
7. **Parking facility:** The total parking facility of 1714 ECS is proposed to be provided in open area at ground and 2 level basements .
8. **Eco-Sensitive areas:** Distance from Asola Bird Sanctuary and Okhla Wildlife Sanctuary is more than 10 kms from the project site.
8. **Plantation:** Total green Area Proposed is 15436 SQM. No. of trees required is 540 and proposed is 550.
9. **Cost of the project:** The cost of the project is Rs35860 (in lacs)

The Environmental Consultants i.e., M/s Shri Environmental Technology Institute presently engaged by the Project Proponent is not listed in the list of accredited consultants at the site of MOEF&CC, GOI. However, the consultant vide letter dated 14.12.2016 submitted a copy of order dated 03.05.2016 in a pending matter before Hon'ble High Court Delhi in W.P. (C) 3665/2016 titled Mrs Rani Gupta & ANR Vs. Ministry of Environment Forest & Climate

Change & ANR stating that the petitioners are allowed to prepare and present Environment Impact Assessment Report to the Central & State Government Expert Appraisal Committee. In this regard the SEAC recommended that the Project Proponent should get the EIA report prepared after clarifying the status of accreditation of the EIA consultant with NABET/QCI from MoEF & CC, GOI in view of the above said Hon'ble High Court Order.

After due deliberations, the SEAC in its 86th meeting held on 07.01.2017 decided to issue ToR as follows for conducting Environment Impact Assessment study and information to be included in EIA/EMP report:

1. Examine details of land use as per Master plan and land use around 10km radius of the project site. Analysis should be made base on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of Environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of Water with requisite prior permission required to be obtained, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain Water Harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water, Examine details.
12. Examine soil characteristics and depth of ground water table for rain water harvesting.
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14. Examine and submit details of use of solar energy and alternative source of Energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets likely to be used during construction and operational phase of the Project. Emissions from DG sets must be taken into considered while estimation the impacts on air environment. Examine and submit details.
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20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.
22. The Cost of the project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
23. In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly.
24. The information should be provided about the details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation.
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29. 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).
30. Project Proponent should specify future expansion plan at same site as these will have civic needs in the later stages.
31. Topographical and Google map should be examined with a view to ascertaining the nearby existing features.
32. Any Further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model TOR available on Ministry website <http://moef.nic.in/Manual/Townships>.

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4. Authenticated English translation of al material provided in Regional languages.
5. The letter/application for EC should quote the MOEF & CC file no. and also attach a copy of the letter prescribing the TOR.
6. The copy of the letter received from the SEAC on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
7. The final EIA-EMP report submitted must incorporate the issues in TOR. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP report where the specific issue raised have been incorporated.
8. Grant of TOR does not mean grant of EC.
9. The status of accreditation of the EIA consultants with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.

10. On the front page of EIA/EMP reports, the name of the consultant/ consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs(TOR proposed by the project proponent and additional TOR given by the MOEF) have been complied with and the data submitted is factually correct(Refer MOEF office memorandum dated 4th august,2009).
11. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MOEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.
12. The project proponent is required to submit the detailed final EIA/EMP prepared as per TORs SEAC for considering the proposal for environmental clearance within 3 years as per the MOEF&CC O.M. No.J-11013/41/2006-IA-II(I)(p) dated 08.10.2014.
13. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide notification of the MOEF dated 19.07.2013.
14. The Prescribed ToR would be valid for a period of three years for submission of the EIA/EMP Reports



A.D. Dey

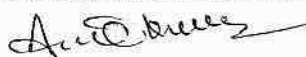
AGENDA ITEM NO.3:**Case No. C-331**

Name of the Project	ToR for Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority At pocket- 13,Sector A1,A4 Narela , Delhi
Project Proponent	Executive Engineer DELHI DEVELOPMENT AUTHORITY Eastern Division-3, Delhi Development Authority, Pocket-1, Dilshad Garden Delhi
Proposal No.	SIA/DL/NCP/17562/2016
File No.	DPCC/SEIAA-III/C-331/DL/2016

Details of the proposed project is as under:

1. The Proposal is for grant of ToR for Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority At pocket- 13,Sector A1,A4 Narela, Delhi
2. The project is located at 28° 34' 45" N latitude and 77° 07' 30" E longitude.
3. **Area detail:** The total area of the project is 60500 Sqm. The total built-up area will be 239431.51 sq.m. (FAR+Non FAR). The maximum permissible FAR is 121112 sq.mt. and proposed FAR will be 120202 sq.mt. The maximum permissible ground coverage is 20165.5 sq.mand proposed ground coverage will be 10486.91 sq.mt. The total proposed basements are 2 & its area will be 91600.36 sq. m. The number of floors are S+18. Maximum height of the proposed building is 60 m.
4. **Water details:** During construction phase, total water requirement is 10-15 KLD and during operational phase water requirement is 1588.6 KLD KLD. During construction phase, water will be sourced primarily through arranged tankers be the contractors and partly through bore wells only if DJB permits for the same and during operation phase water will be supplied by DJB and partly ground water only if DJB permits for the same. During operational phase waste water generation of 385 KLD will be treated in STP of 1300 KLD capacity through FAB & MBBR/SAFF technology. Total 995.2 KLD of treated wastewater will be recycled for flushing & for gardening. Rest of the treated effluent will be used for sector road side green areas and plantation, sector greens in other projects. Number of RWH pits proposed are 12.
5. **Solid waste:** About 4656 kg/day of municipal solid waste will be generated.
6. **Power:** The total power requirement is 24950 KW and will be met from Tata Power Delhi Distribution Limited (TPDDL). For Emergency purposes backup is proposed by using DG Sets of Total cap of 2575 KVA within which, water supply pumps backup is proposed by using DG Sets (2x125 KVA).
7. **Parking facility:** The total parking facility of 2549 ECS is proposed to be provided against the requirement of 2503 ECS.
8. **Eco-Sensitive areas:** Distance from Asola Bird Sanctuary and Okhla Wildlife Sanctuary is more than 10 kms from the project site.
9. **Plantation:** Total green Area Proposed is 26598 SQM and Min. No. of trees required 756 & No. of trees Proposed are 760.
10. **Cost of the project:** The cost of the project is Rs5058200 (in lacs)

The Environmental Consultants i.e., M/s Shri Environmental Technology Institute presently engaged by the Project Proponent is not listed in the list of accredited consultants at the site of MOEF&CC, GOI. However, the consultant vide letter dated 14.12.2016 submitted a copy of order dated 03.05.2016 in a pending matter before Hon'ble High Court Delhi in W.P. (C)



3665/2016 titled Mrs Rani Gupta & ANR Vs. Ministry of Environment Forest & Climate Change & ANR stating that the petitioners are allowed to prepare and present Environment Impact Assessment Report to the Central & State Government Expert Appraisal Committee. In this regard the SEAC recommended that the Project Proponent should get the EIA report prepared after clarifying the status of accreditation of the EIA consultant with NABET/QCI from MoEF& CC, GOI in view of the above said Hon'ble High Court Order.

After due deliberations, the SEAC in its 86th meeting held on 07.01.2017 decided to issue ToR as follows for conducting Environment Impact Assessment study and information to be included in EIA/EMP report :

1. Examine details of land use as per Master plan and land use around 10km radius of the project site. Analysis should be made base on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of Environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of Water with requisite prior permission required to be obtained, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain Water Harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water, Examine details.
12. Examine soil characteristics and depth of ground water table for rain water harvesting.
13. Examine details of solid waste generation treatment and its disposal
14. Examine and submit details of use of solar energy and alternative source of Energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets likely to be used during construction and operational phase of the Project. Emissions from DG sets must be taken into considered while estimation the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analyzed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
17. A detail traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.

19. Examine separately the details for construction and operation phases both for Environmental Management plan and Environment Monitoring Plan with cost and parameters
20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.
22. The Cost of the project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
23. In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly.
24. The information should be provided about the details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation.
25. Explore the possibilities of utilizing the debris/waste materials available in and around the project area.
26. Submit Environmental Management and Monitoring Plan for all phases of the project viz. construction and operation.
27. Explore the possibilities of utilizing the surplus treated water generated from the STP , so the same may be reutilized at full extent.
28. Specific report regarding green area be given which 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.
29. 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).
30. Project Proponent should specify future expansion plan at same site as these will have civic needs in the later stages.
31. Topographical and Google map should be examined with a view to ascertaining the nearby existing features.
32. Any Further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model TOR available on Ministry website <http://moef.nic.in/Manual/Townships>.

GENERAL GUIDELINES

1. The EIA document shall be printed on both sides, as far as possible.
2. All documents should be properly indexed, page numbered.
3. Period/date of data collection should be clearly indicated.
4. Authenticated English translation of al material provided in Regional languages.
5. The letter/application for EC should quote the MOEF & CC file no. and also attach a copy of the letter prescribing the TOR.
6. The copy of the letter received from the SEAC on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
7. The final EIA-EMP report submitted must incorporate the issues in TOR. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP report where the specific issue raised have been incorporated.
8. Grant of TOR does not mean grant of EC.

9. The status of accreditation of the EIA consultants with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
10. On the front page of EIA/EMP reports, the name of the consultant/ consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs(TOR proposed by the project proponent and additional TOR given by the MOEF) have been complied with and the data submitted is factually correct(Refer MOEF office memorandum dated 4th august,2009).
11. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MOEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.
12. The project proponent is required to submit the detailed final EIA/EMP prepared as per TORs SEAC for considering the proposal for environmental clearance within 3 years as per the MOEF&CC O.M. No.J-11013/41/2006-IA-II(I)(p) dated 08.10.2014.
13. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide notification of the MOEF dated 19.07.2013.
14. The Prescribed ToR would be valid for a period of three years for submission of the EIA/EMP Reports



As per

AGENDA ITEM NO.4:**Case No. C-332**

Name of the Project	Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority At pocket- 3,Sector A1,A4 Narela , Delhi
Project Proponent	DELHI DEVELOPMENT AUTHORITY Eastern Division- 5, Delhi Development Authority, Pok-1, Dilshad Garden, New Delhi
Proposal No.	SIA/DL/NCP/17565/2016
File No.	DPCC/SEIAA-III/C-332/DL/2016

Details of the proposed project is as under:

1. The Proposal is for grant of ToR for Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority At pocket- 3,Sector A1,A4 Narela, Delhi.
2. The project is located at 28° 34' 45" N latitude and 77° 07' 30" E. longitude.
11. **Area detail:** The total area of the project is 55200 Sqm.The total built-up area will be 218703.29 sq.m. (FAR+Non FAR). The permissible FAR is 110318.00 sq.mt and proposed FAR will be 109896.24 sq.mt . The maximum permissible ground coverage is 18367.95 sq.m. and proposed ground coverage will be 9644.16 sq.mt. The total proposed basements are 2 & its area will be 83612.9 sq. m. The number of floors is S +18. Maximum height of the proposed building is 60 m.
3. **Water details:** During construction phase, total water requirement is 10-15 KLD and during operational phase water requirement is 1427.2 KLD. During construction phase, water will be sourced primarily through arranged tankers be the contractors and partly through bore wells only if DJB permits for the same and during operation phase water will be supplied by DJB and partly ground water only if DJB permits for the same. During operational phase waste water generation of 1121.7 KLD will be treated in STP of 1150 KLD capacity through FAB & MBBR/SAFF technology. Total 340 KLD of treated wastewater will be reused for flushing & gardening. Rest of the treated effluent will be used for sector road side green areas and plantation, sector greens in other projects. Number of RWH pits proposed are 12.
4. **Solid waste:** About 4200 kg/day of municipal solid waste will be generated.
5. **Power:** The total power requirement is 22450 KW and will be met from Tata Power Delhi Distribution Limited (TPDDL). For Emergency purposes backup is proposed by using DG Sets of Total cap of 2487.5 KVA within which, water supply pumps backup is proposed by using DG Sets (1x160 KVA).
6. **Parking facility:** The total parking facility of 2289 ECS is proposed to be provided against the requirement of 2288 ECS.
7. **Eco-Sensitive areas:** Distance from Asola Bird Sanctuary and Okhla Wildlife Sanctuary is more than 10 kms from the project site.
8. **Plantation:** Total green Area Proposed is 19776 sq.m. Minimum No. of trees required are 690 & No. Of trees Proposed are 690
9. **Cost of the project:** The cost of the project is Rs4723500 (in lacs)

The Environmental Consultants i.e., M/s Shri Environmental Technology Institute presently engaged by the Project Proponent is not listed in the list of accredited consultants at the site of MOEF&CC, GOI. However, the consultant vide letter dated 14.12.2016 submitted a copy of

order dated 03.05.2016 in a pending matter before Hon'ble High Court Delhi in W.P. (C) 3665/2016 titled Mrs Rani Gupta & ANR Vs. Ministry of Environment Forest & Climate Change & ANR stating that the petitioners are allowed to prepare and present Environment Impact Assessment Report to the Central & State Government Expert Appraisal Committee. In this regard the SEAC recommended that the Project Proponent should get the EIA report prepared after clarifying the status of accreditation of the EIA consultant with NABET/QCI from MoEF& CC, GOI in view of the above said Hon'ble High Court Order.

After due deliberations, the SEAC in its 86th meeting held on 07.01.2017 decided to issue ToR as follows for conducting Environment Impact Assessment study and information to be included in EIA/EMP report :

1. Examine details of land use as per Master plan and land use around 10km radius of the project site. Analysis should be made base on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of Environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of Water with requisite prior permission required to be obtained, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain Water Harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water, Examine details.
12. Examine soil characteristics and depth of ground water table for rain water harvesting.
13. Examine details of solid waste generation treatment and its disposal
14. Examine and submit details of use of solar energy and alternative source of Energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets likely to be used during construction and operational phase of the Project. Emissions from DG sets must be taken into considered while estimation the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analyzed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
17. A detail traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.

19. Examine separately the details for construction and operation phases both for Environmental Management plan and Environment Monitoring Plan with cost and parameters
20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.
22. The Cost of the project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
23. In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly.
24. The information should be provided about the details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation.
25. Explore the possibilities of utilizing the debris/waste materials available in and around the project area.
26. Submit Environmental Management and Monitoring Plan for all phases of the project viz. construction and operation.
27. Explore the possibilities of utilizing the surplus treated water generated from the STP , so the same may be reutilized at full extent.
28. Specific report regarding green area be given which 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.
29. 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).
30. Project Proponent should specify future expansion plan at same site as these will have civic needs in the later stages.
31. Topographical and Google map should be examined with a view to ascertaining the nearby existing features.
32. Any Further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model TOR available on Ministry website <http://moef.nic.in/Manual/Townships>.

GENERAL GUIDELINES

1. The EIA document shall be printed on both sides, as far as possible.
2. All documents should be properly indexed, page numbered.
3. Period/date of data collection should be clearly indicated.
4. Authenticated English translation of all material provided in Regional languages.
5. The letter/application for EC should quote the MOEF & CC file no. and also attach a copy of the letter prescribing the TOR.
6. The copy of the letter received from the SEAC on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
7. The final EIA-EMP report submitted must incorporate the issues in TOR. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP report where the specific issue raised have been incorporated.
8. Grant of TOR does not mean grant of EC.

9. The status of accreditation of the EIA consultants with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
10. On the front page of EIA/EMP reports, the name of the consultant/ consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF) have been complied with and the data submitted is factually correct (Refer MOEF office memorandum dated 4th August, 2009).
11. While submitting the EIA/EMP reports, the name of the experts associated with/involvement in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MOEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.
12. The project proponent is required to submit the detailed final EIA/EMP prepared as per TORs SEAC for considering the proposal for environmental clearance within 3 years as per the MOEF&CC O.M. No.J-11013/41/2006-IA-II(I)(p) dated 08.10.2014.
13. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide notification of the MOEF dated 19.07.2013.
14. The Prescribed ToR would be valid for a period of three years for submission of the EIA/EMP Reports



Amol B. Bhat

AGENDA ITEM NO.5:**Case No. C-333**

Name of the Project	ToR for Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority Pocket 4, Sector – A1A4, Narela
Project Proponent	Executive Engineer, Delhi Development Authority, South East Division-5, Delhi Development Authority, VasantKunj, New Delhi
Proposal No.	SIA/DL/NCP/17564/2016
File No.	DPCC/SEIAA-III/C-333/DL/2016

Details of the proposed project is as under:

1. The Proposal is for grant of ToR for Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority Pocket 4, Sector – A1A4, Narela.
2. The project is located at 28° 34' 45" N latitude and 77° 07' 30" E. longitude.
3. **Area detail:** The total area of the project is 47600 Sqm. The total built-up area will be 183378.87 sq.m. (FAR+Non FAR). The permissible FAR is 95178 sq.mt and total proposed FAR will be 94703 sq.mt. The Maximum permissible ground coverage is 15862.96 sq.m. and proposed ground coverage will be 8333.037sq.mt. The number of floors is S +18. The total proposed basements are 2 & its area will be 67207.2 sq. m. Maximum height of the proposed building is 60m.
4. **Water details:** During construction phase, total water requirement is 10-15 KLD and during operational phase water requirement is 1213 KLD. During construction phase, water will be sourced primarily through arranged tankers by the contractors and partly through bore wells only if DJB permits for the same and during operation phase water will be supplied by DJB and partly ground water only if DJB permits for the same. During operational phase waste water generation of 950.4 KLD will be treated in STP of 1000 KLD capacity through FAB & MBBR/SAFF technology. Total 291.4 KLD of treated wastewater will be reused for flushing & gardening. Rest of the treated effluent will be used for sector road side green areas and plantation, sector greens in other projects. Number of RWH pits proposed are 9.
5. **Solid waste:** About 3552 kg/day of municipal solid waste will be generated.
6. **Power:** The total power requirement is 13500 KW and will be met from Tata Power Delhi Distribution Limited (TPDDL). For Emergency purposes backup is proposed by using DG Sets of Total cap of 2222.5 KVA within which, water supply pumps backup is proposed by using DG Sets (1x160 KVA).
7. **Parking facility:** The total parking facility of 1971 ECS is proposed to be provided against the requirement of 1970 ECS.
8. **Eco-Sensitive areas:** Distance from Asola Bird Sanctuary and Okhla Wildlife Sanctuary is more than 10 kms from the project site.
9. **Plantation:** Total green Area Proposed is 19758 sqm. Min.No. of trees required 595. No. Of trees Proposed 595
10. **Cost of the project:** The cost of the project is Rs4104600 (in lacs)

The Environmental Consultants i.e., M/s Shri Environmental Technology Institute presently engaged by the Project Proponent is not listed in the list of accredited consultants at the site of MOEF&CC, GOI. However, the consultant vide letter dated 14.12.2016 submitted a copy of

order dated 03.05.2016 in a pending matter before Hon'ble High Court Delhi in W.P. (C) 3665/2016 titled Mrs Rani Gupta & ANR Vs. Ministry of Environment Forest & Climate Change & ANR stating that the petitioners are allowed to prepare and present Environment Impact Assessment Report to the Central & State Government Expert Appraisal Committee. In this regard the SEAC recommended that the Project Proponent should get the EIA report prepared after clarifying the status of accreditation of the EIA consultant with NABET/QCI from MoEF& CC, GOI in view of the above said Hon'ble High Court Order.

After due deliberations, the SEAC in its 86th meeting held on 07.01.2017 decided to issue ToR as follows for conducting Environment Impact Assessment study and information to be included in EIA/EMP report :

1. Examine details of land use as per Master plan and land use around 10km radius of the project site. Analysis should be made base on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of Environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of Water with requisite prior permission required to be obtained, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain Water Harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water, Examine details.
12. Examine soil characteristics and depth of ground water table for rain water harvesting.
13. Examine details of solid waste generation treatment and its disposal
14. Examine and submit details of use of solar energy and alternative source of Energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets likely to be used during construction and operational phase of the Project. Emissions from DG sets must be taken into considered while estimation the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analyzed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
17. A detail traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.

19. Examine separately the details for construction and operation phases both for Environmental Management plan and Environment Monitoring Plan with cost and parameters
20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.
22. The Cost of the project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
23. In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly.
24. The information should be provided about the details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation.
25. Explore the possibilities of utilizing the debris/waste materials available in and around the project area.
26. Submit Environmental Management and Monitoring Plan for all phases of the project viz. construction and operation.
27. Explore the possibilities of utilizing the surplus treated water generated from the STP , so the same may be reutilized at full extent.
28. Specific report regarding green area be given which 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.
29. 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).
30. Project Proponent should specify future expansion plan at same site as these will have civic needs in the later stages.
31. Topographical and Google map should be examined with a view to ascertaining the nearby existing features.
32. Any Further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model TOR available on Ministry website <http://moef.nic.in/Manual/Townships>.

GENERAL GUIDELINES

1. The EIA document shall be printed on both sides, as far as possible.
2. All documents should be properly indexed, page numbered.
3. Period/date of data collection should be clearly indicated.
4. Authenticated English translation of al material provided in Regional languages.
5. The letter/application for EC should quote the MOEF & CC file no. and also attach a copy of the letter prescribing the TOR.
6. The copy of the letter received from the SEAC on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
7. The final EIA-EMP report submitted must incorporate the issues in TOR. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP report where the specific issue raised have been incorporated.
8. Grant of TOR does not mean grant of EC.

9. The status of accreditation of the EIA consultants with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
10. On the front page of EIA/EMP reports, the name of the consultant/ consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF) have been complied with and the data submitted is factually correct (Refer MOEF office memorandum dated 4th August, 2009).
11. While submitting the EIA/EMP reports, the name of the experts associated with/involvement in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MOEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.
12. The project proponent is required to submit the detailed final EIA/EMP prepared as per TORs SEAC for considering the proposal for environmental clearance within 3 years as per the MOEF&CC O.M. No.J-11013/41/2006-IA-II(I)(p) dated 08.10.2014.
13. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide notification of the MOEF dated 19.07.2013.
14. The Prescribed ToR would be valid for a period of three years for submission of the EIA/EMP Reports



Amir Kung

AGENDA ITEM NO.6:**Case No. C-334**

Name of the Project	ToR for Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority Pocket 9, Sector – A1A4, Narela, Delhi
Project Proponent	Executive Engineer, South Eastern Division-2, Delhi Development Authority, Pocket-1, Dilshad Garden, Delhi
Proposal No.	SIA/DL/NCP/17563/2016
File No.	DPCC/SEIAA-III/C-334/DL/2016

Details of the proposed project is as under:

1. The Proposal is for grant of ToR for Prefab 3BHK ,2BHK&EWS Housing For Delhi Development Authority Pocket 9, Sector – A1A4, Narela, Delhi.
2. The project is located at 28° 34' 45" N latitude and 77° 07' 30" E. longitude.
3. **Area detail:** The total area of the project is 47000 Sqm. The total built-up area will be 176133.747 sq.m. (FAR+Non- FAR). The permissible FAR is 91094.00sq.mt and total proposed FAR will be 90600.66 sq.mt. The Maximum permissible ground coverage is 15167.15sq.m and proposed ground coverage will be 8076.067sq.mt. The total proposed basements are 2 & its area will be 64387.1 sq. m. The number of floors is S +18. Maximum height of the proposed building is 60m.
4. **Water details:** During construction phase, total water requirement is 10-15 KLD and during operational phase water requirement is 1192.8 KLD . During construction phase, water will be sourced primarily through arranged tankers be the contractors and partly through bore wells only if DJB permits for the same and during operation phase water will be supplied by DJB and partly ground water only if DJB permits for the same. During operational phase waste water generation of 936 KLD will be treated in STP 950 KLD capacity through FAB & MBBR/SAFF technology. Total 285.6 KLD of treated wastewater will be reused for flushing & gardening. Rest of the treated effluent will be used for sector road side green areas and plantation, sector greens in other projects. Number of RWH pits proposed are 9.
5. **Solid waste:** About 3504 kg/day of municipal solid waste will be generated.
6. **Power:** The total power requirement is 11700 KW and will be met from Tata Power Delhi Distribution Limited (TPDDL). For Emergency purposes backup is proposed by using DG Sets of Total cap of 1727.5 KvA within which, water supply pumps backup is proposed by using DG Sets (1x125 KVA).
7. **Parking facility:** The total parking facility of 1889 ECS is proposed to be provided against the requirement of 1888 ECS.
8. **Eco-Sensitive areas:** Distance from Asola Bird Sanctuary and Okhla Wildlife Sanctuary is more than 10 kms from the project site.
9. **Plantation:** Total green Area Proposed is 18029 sqm (39.58%).Min. No. of trees required 588 & No. Of trees Proposed 588.
10. **Cost of the project:** The cost of the project is Rs3947400 (in lacs)

The Environmental Consultants i.e., M/s Shri Environmental Technology Institute presently engaged by the Project Proponent is not listed in the list of accredited consultants at the site of MOEF&CC, GOI. However, the consultant vide letter dated 14.12.2016 submitted a copy of order dated 03.05.2016 in a pending matter before Hon'ble High Court Delhi in W.P. (C) 3665/2016 titled Mrs. Rani Gupta & ANR Vs. Ministry of Environment Forest & Climate

Change & ANR stating that the petitioners are allowed to prepare and present Environment Impact Assessment Report to the Central & State Government Expert Appraisal Committee. In this regard the SEAC recommended that the Project Proponent should get the EIA report prepared after clarifying the status of accreditation of the EIA consultant with NABET/QCI from MoEF& CC, GOI in view of the above said Hon'ble High Court Order.

After due deliberations, the SEAC in its 86th meeting held on 07.01.2017 decided to issue ToR as follows for conducting Environment Impact Assessment study and information to be included in EIA/EMP report :

1. Examine details of land use as per Master plan and land use around 10km radius of the project site. Analysis should be made base on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of Environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of Water with requisite prior permission required to be obtained, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain Water Harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water, Examine details.
12. Examine soil characteristics and depth of ground water table for rain water harvesting.
13. Examine details of solid waste generation treatment and its disposal
14. Examine and submit details of use of solar energy and alternative source of Energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets likely to be used during construction and operational phase of the Project. Emissions from DG sets must be taken into considered while estimation the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analyzed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
17. A detail traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.
19. Examine separately the details for construction and operation phases both for Environmental Management plan and Environment Monitoring Plan with cost and parameters

20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.
22. The Cost of the project (Capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
23. In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly.
24. The information should be provided about the details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation.
25. Explore the possibilities of utilizing the debris/waste materials available in and around the project area.
26. Submit Environmental Management and Monitoring Plan for all phases of the project viz. construction and operation.
27. Explore the possibilities of utilizing the surplus treated water generated from the STP , so the same may be reutilized at full extent.
28. Specific report regarding green area be given which 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.
29. 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).
30. Project Proponent should specify future expansion plan at same site as these will have civic needs in the later stages.
31. Topographical and Google map should be examined with a view to ascertaining the nearby existing features.
32. The Project Proponent shall incorporate a cumulative impact of the development activities in all other five pockets (i.e., Pocket No. 3,4,9,13&14) on overall environment.
33. Any Further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model TOR available on Ministry website <http://moef.nic.in/Manual/Townships>.

GENERAL GUIDELINES

1. The EIA document shall be printed on both sides, as far as possible.
2. All documents should be properly indexed, page numbered.
3. Period/date of data collection should be clearly indicated.
4. Authenticated English translation of al material provided in Regional languages.
5. The letter/application for EC should quote the MOEF & CC file no. and also attach a copy of the letter prescribing the TOR.
6. The copy of the letter received from the SEAC on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
7. The final EIA-EMP report submitted must incorporate the issues in TOR. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP report where the specific issue raised have been incorporated.
8. Grant of TOR does not mean grant of EC.

9. The status of accreditation of the EIA consultants with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
10. On the front page of EIA/EMP reports, the name of the consultant/ consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs(TOR proposed by the project proponent and additional TOR given by the MOEF) have been complied with and the data submitted is factually correct(Refer MOEF office memorandum dated 4th august,2009).
11. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MOEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.
12. The project proponent is required to submit the detailed final EIA/EMP prepared as per TORs SEAC for considering the proposal for environmental clearance within 3 years as per the MOEF&CC O.M. No.J-11013/41/2006-IA-II(I)(p) dated 08.10.2014.
13. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide notification of the MOEF dated 19.07.2013.
14. The Prescribed ToR would be valid for a period of three years for submission of the EIA/EMP Reports



Meeting ended with vote of thanks to Chair.
