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STATE LEVEL EXPERT APPRAISAL COMMITTEE – DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-6
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F.No. DPCC/MS/SEAC/10/ 1049

Dated: 13/05/2014

Sub: Minutes of Meeting Dated 30.04. 2014

Please find enclosed herewith the minutes of the 65th meeting of the State Level Expert Appraisal Committee (SEAC) held on 30.04.2014 at 10:00 A.M. in the Conference Room of DPCC, at 5th Floor, ISBT Building, Kashmere Gate, Delhi-06 for information and necessary action if any.



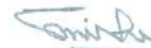
(Sandeep Mishra)
Member Secretary, SEAC

To:

1. Dr. C.R. Babu, (Chairman, SEAC), Professor Emeritus, Center for Environmental Management of Degraded Ecosystems, School of Environment Studies, University of Delhi-110007.
2. Dr. R.K. Khandal, (Member, SEAC), Vice Chancellor, Institute of Engineering & Technology (IET) Campus, Sitapur Road, Lucknow (U.P) -226021.
3. Sh. Amarjeet Singh, (Member, SEAC), House No. 98 A, Pocket- AP, Pitampura, Delhi-110034.
4. Dr. (Mrs.) P. Malarvizhi, (Member, SEAC), G-17, IInd Floor, Saket, New Delhi-110017.
5. Dr. Mihir Deb, (Member, SEAC), C- 1/1157, Vasant Kunj, New Delhi- 110070.
6. Dr. Arvind K. Nema, (Member, SEAC), Department of Civil Engineering, IIT, Hauz Khas, New Delhi-110016.
7. Ms. Paromita Roy (Co-opted Member, SEAC), Deputy Director (Architect), UTTIPEC, DDA, 2nd Floor, Vikas Minar, ITO, I.P. Estate, Delhi-110002.

Copy to:

1. Sh. Kaushal Kumar Mathur, Chairman (SEIAA), 4, Defence Enclave, Vikas Marg, Delhi – 110092, by e-mail.
2. PS to Chairman (DPCC) cum Secretary (Environment), for kind information.
3. SEE (IT) - (DPCC) for necessary action regarding uploading the minutes on the website.



(Sandeep Mishra)
Member Secretary, SEAC

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Ms. Paromita Roy

Minutes of the 65th meeting of State Level Expert Appraisal Committee (SEAC) held on 30.04.2014 from 10:00 am to 6:00 pm in the Conference Room of DPCC at 5th Floor, ISBT, Kashmere Gate, Delhi-06

The 65th meeting of State Level Expert Appraisal Committee (SEAC) was held on 30/04/2014 in the Conference Room of DPCC under the Chairmanship of Prof. C.R. Babu. The members of SEAC present in the meeting were:

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|-----------------------------|---|------------------|
| 1. Dr. C.R. Babu | - | Chairman |
| 2. Dr. Mihir Deb | - | Member |
| 3. Dr. (Mrs.) P. Malarvizhi | - | Member |
| 4. Ms. Paromita Roy | - | Co-opted Member |
| 5. Shri Sandeep Mishra | - | Member Secretary |

Dr. R.K. Khandal and Prof. A.K. Nema could not attend the meeting due to their preoccupation with other commitments. Shri Amarjeet Singh was on a foreign trip. Dr. M.P. George (Scientist, DPCC) also attended the meeting. Shri P.S Pankaj (Environment Engineer, DPCC) and Shri Surender Singh (Environment Engineer, (DPCC) assisted the Committee.

Case No. 204

Project Name : Additions/ Alteration of Central Hospital, Northern Railway, Chelmsford Road, New Delhi.

Project Proponent : Deputy Chief, Engineer/ Construction/ Northern Railway, State Entry Road, New Delhi.

E-mail : dycecsrd@gmail.com

Telephone : 011-23744653, 011-23366670

Fax No. : 011-23744653

Project Consultant : M/s Ind Tech House Consult

The project is expansion of Central Hospital, Northern railway, Chelmsford Road at New Delhi. It is a government hospital for the employees of Indian Railways. The proposed project involves construction of a new Hospital block, one Residential block and two single level basements for parking.



Since the existing Hospital was constructed as early as 1956, the MoEF's amended notification dated 14.9.2006 is not applicable and hence the exemption for the submission of certified copy of compliance report for appraisal of the project.

The proposal is for the grant of Environmental Clearance for "Addition & Alteration of Central Hospital, Northern Railway, located at Chelmsford Road, New Delhi." The total plot area is 33,107 sq.mt. The total built-up area is 26,320.33 sq.mt. Total area to be demolished is 5,059.525 sq.mt. Total proposed number of beds is 150. Permissible ground coverage is 9,932 sq.mt. The proposed ground coverage is 2,279.21 sq.mt. The permissible FAR area is 66,215 sq.mt. The total proposed FAR is 16,338.2 sq.mt. Stilt area is 698.219 sq.mt. Two single level basements are provided (one for parking & other for services of cardiac-oncology block). The total basement area is 9138.92 sq.mt. The non FAR area is 1,964.18 sq.mt. The total required green area is 4,966 sq.mt. The total proposed green area is 8,491.1 sq.mt. The new hospital block will have G + Service + 7 + one level basement and the residential block will have maximum of S + 8 floors. The number of blocks will be 2 + basement parking. The maximum height of the building is 34.5 m. Total parking required is 712 ECS and the proposed parking is also for 712 ECS (Surface parking: 496 ECS, Stilt parking: 16 ECS, Basement parking: 200 ECS). The number of persons using the proposed facility is 1366 (Hospital block: 980 persons and Residential block: 386 persons). The number of people in the area, after the project is completed, is 6000 (Existing: 4634 persons and Proposed: 1366 persons). The total water requirement is 245 KLD. The total fresh water requirement is 134 KLD. The source of water supply is Delhi Jal Board/ railway ranney well. The total wastewater generation is 131 KLD. The wastewater generation of 71 KLD will be treated in STP with capacity of 85 KLD based on SBR technology. Wastewater generated from hospital and laundry is 60 KLD and will be treated in ETP with capacity of 75 KLD. The total treated wastewater generation will be 108.5 KLD. The treated waste water will be used for Flushing (45.3 KLD), Horticulture (24.8 KLD), DG cooling (13.5 KLD) and HVAC (34.5 KLD). The total solid waste generation will be 526 kg/day which includes Hospital waste of 225 kg/day (BMW: 45 kg/day + General waste: 180 kg/day) and waste from Residential block of 301 kg/day (Biodegradable waste: 180.6 kg/day + Non-biodegradable waste: 120.4 kg/day). The total number of RWH pits is 4. The total power requirement will be 2700 kW. The source of power supply will be NDMC. DG sets of total capacity 2500 kVA (1 x 1000 kVA + 1 x 750 kVA + 1 x 500 + 1 x 250 kVA) are proposed for power backup. The total cost of the project is 34 Crores.

Based on the information furnished, presentation made and discussions held, the Committee sought the following information from the Project Proponent for its further consideration:

- (i) Revised area statement in the form of a comparative table.
- (ii) Examine the feasibility for a change in the location of Cancer and Cardiac block from the proposed location to the site close to the existing Hospital block.
- (iii) Revised water balance diagram for the entire hospital complex including the existing and proposed blocks.
- (iv) A note explaining the present status of sewerage from the existing hospital and residential complex and planning of integrated sewerage system for the entire complex.
- (v) Examine the feasibility of discharging rain water that will be harvested into a surface water body.
- (vi) Revised surface parking plan.
- (vii) Revised power load and details of essential load.
- (viii) Revised EMP budget.
- (ix) Revised landscape plan.
- (x) Reexamine the noise data.
- (xi) Examine the feasibility of onsite recycling of demolished solid waste.
- (xii) An ETP should be installed for treatment of effluent from Hospital and Laundry.
- (xiii) Examine the feasibility of setting up a biogas plant.

The following conditions should be laid down at the time of issuing EC.

- (i) Essential load should not be more than 50% of the total load.
- (ii) Ground water should be extracted only after the permission from DJB.
- (iii) Energy efficiency building norms should be followed.

Case No. 205

Project Name : Expansion of Laxmipat Singhania Medical Foundation's "Pushpawati Singhania Research Institute" at Press Enclave Marg, Sheikh Sarai, Phase-II, New Delhi

Project Proponent : Mr. U.K. Gupta, Owner, M/s Laxmipat Singhania Medical Foundation Link House (4th Floor), 3, Bahadur Shah Zafar Marg, New Delhi-110002.

E-mail : skdham44@gmail.com

Telephone : 011-33001112



Fax No. : 011-23716607

Project Consultant : M/s Grass Roots Research & Creation India (P) Ltd.

Pushpawati Singhanian Research Institute (PSRI) is the South East Asia's first and India's foremost institutes that offer advanced and comprehensive medical and surgical treatments for digestion related diseases with core specialization in the treatment of ailments related to liver, kidney, gall bladder, pancreas and gastro intestinal tract systems. Promoted by the JK Group - one of the leading business houses in India - PSRI was established in 1996 with a view to provide curative and preventive medical care through a caring environment.

The total built up area for phase I & II of the existing complex did not exceed 20,000 sq.mt. and hence exempted from EC. Therefore, the requirement of the submission of certified copy of compliance report is not applicable to the project.

The proposal is for the grant of Environmental Clearance for the "Expansion of Laxmi Pat Singhanian Medical Foundation's "Pushpawati Singhanian Research Institute" at Press Enclave Marg, Sheikh Sarai, Phase-II, New Delhi - 110002. The total plot area is 8,000 sq.mt. The total built-up area is 24,302.12 sq.mt. (Existing: 9,048.92 sq.mt.; Proposed Expansion: 15,057.55 sq.mt.). The permissible ground coverage is 3,200 sq.mt. (40 %). The proposed ground coverage for existing complex is 1,557.19 sq.mt. The proposed ground coverage for expansion is 1,414.61 sq.mt. The total proposed ground coverage is 2,971.8 sq.mt. (37.14 %). The permissible FAR area is 20,000 sq.mt. The proposed FAR for existing complex is 8,443.07 sq.mt. The proposed FAR for expansion is 8,373.41 sq.mt. The total proposed FAR is 16,816.48 sq.mt. The total basement area is 5,921.66 sq.mt. (1st basement area: 2,367.22 sq.mt. + 2nd basement: 1,777.22 sq.mt. + 3rd basement: 1,777.22 sq.mt.). The total green area is 2,731.73 sq.mt. The maximum height of the building is 32.8 m. The total proposed parking is for 342 ECS. The total number of people using the facility is 1,381 (Existing: 776 + Expansion: 605). The total water requirement is 224 KLD. The total fresh water requirement is 120 KLD. The source of water supply is Delhi Jal Board. The total wastewater generation is 26 KLD. The wastewater generation of 26 KLD will be treated in STP with capacity of 70 KLD based on SAFF technology. The total treated wastewater generation will be 21 KLD. The treated waste water will be used for Flushing (9 KLD) and Landscaping (12 KLD) in non-rainy season and it will be used for Flushing (9 KLD) & DG cooling (12 KLD) during rainy season. The effluent generated from hospital will be 85 KLD. It will be treated in ETP capacity of 100 KLD based on MBBR technology. Treated effluent will be discharged into municipal sewer. The total municipal solid waste generation is 406 kg/day. The



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total bio-medical waste generation is 124 kg/day. The total number of RWH pit is 1. The total power requirement will be 2,073 kVA (Existing: 1,123 kVA, Expansion: 950 kVA). The source of power supply will be BSES Rajdhani Power Limited Delhi. 2 DG sets of total capacity 1,390 kVA (1 x 380 kVA + 1 x 1010 kVA) are proposed for power backup for existing block and 1 DG set of 1,250 kVA for the proposed blocks.

While presenting the proposal by the project proponent, it was found that the terms and conditions mentioned in the land allotment and perpetual lease are different from the present use of the land by the project proponent – the land was allotted to the project proponent for the establishment of a Hospital only but the project proponent established Pushpawati Singhanian Research Institute of M/s Laxmipat Singhanian Medical Foundation. The Committee, therefore, decided to defer the project till a clarification is obtained from DDA regarding the land use. It was also decided that the Member Secretary should get the clarification from the Land Department of DDA on the original land use and the present land use by the project proponent, and a three member committee (Prof. Mihir Deb, Dr. P. Malarvizhi and Shri. Sandeep Mishra) make a site visit to assess the status of the Institute. Shri Surender Singh (EE, DPCC) will coordinate the site visit.

Case No. 136

Project Name : EWS Housing for Slum Relocation at Bawana-III, Poothkhurd, Delhi.

Project Proponent : Sr. Project Director, Delhi State Industrial & Infrastructure Development Corporation Ltd. (DSIIDC), Technical Centre Building Wazirpur, Delhi-110052

E-mail : hcpuri54@gmail.com

Telephone : 011-27374117, 9891088342

Fax No. : Nil

Project Consultant : M/s EQMS India Pvt. Ltd.

The proposal is for the grant of Environmental Clearance for "Construction of EWS Housing for Slum Relocation at village Poothkhurd, Bawana-III, Delhi. The total plot area, as per allotment letter, is 4,26,340.0 sq.mt. (105.35 acres). The total plot area, as per land available, is 416630.0

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sq.mt. (102.95 acres). Total area for housing under Phase I is 150470.0 sq.mt. The total area for housing under Phase III is 2,61,516.1 sq.mt. The permissible Ground Coverage is 1,16,304 sq.mt. Proposed Ground Coverage for phase I is 33,286.25 sq.mt and for phase III it is 54,855.74 sq.mt. The proposed area under amenities is 17699 sq.mt. The permissible FAR is 5,81,520 sq.mt. Proposed FAR for phase I is 1,66,431.25 sq.mt. and for phase III it is 274278.7 sq.mt. The project includes construction of 250 residential blocks during Phase-I, and 412 residential blocks during Phase-III, and each block has G+4 floors. The maximum height of the proposed buildings will be 14.95 m. The number of dwelling units will be 13240 (Phase I: 5000 + Phase III: 8240). The maximum permanent residents will be 59,580 persons. The total proposed parking provision is 2205 ECS. The total green area proposed for phase I is 20,495.56 sq.mt. and for phase III it is 31,102.82 sq.mt. The total water requirement will be 8840.56 KLD, out of which fresh water requirement will be 5789.77 KLD. The source of water supply will be DJB. The wastewater generation of 7069.62 KLD will be treated in STP of capacity 8.5 MLD based on SBR/ SAFF technology. The treated wastewater of 6362.66 KLD will be used in Flushing and Horticulture. The total solid waste generation will be 26.81 ton/day. The power requirement will be 30,000 KW and will be met from Tata Power Delhi Distribution Limited (TPDDL). DG sets with 6 x 25 kVA, 6 x 12.5 kVA and 1 x 625 kVA capacities will be provided for power backup. 16 Number of Rainwater Harvesting Pits are proposed. Total cost of the project is Rs. 68,830 Lakhs.

The Committee was informed by the Member Secretary that most of the construction work has already been completed.

Based on the information furnished, presentation made and discussions held, the Committee sought the following information from the Project Proponent for its further consideration:

- (i) *Revised noise data.*
- (ii) *A detailed note w.r.t. to sewerage system, access to the area and connectivity to the places of work.*
- (iii) *Revised layout plan with respect to forest patches to be preserved as suggested by the Committee.*
- (iv) *A note explaining the reasons for starting the construction work without EC.*

The following conditions should be laid down at the time of issuing EC:

- (i) *All the conditions mentioned in the EC should be complied by DSIIDC.*

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- (ii) *Fixed pipelines should be provided for distribution of excess treated waste water for horticultural use within the complex.*

Table Agenda:

Case No. 98

Project Name : Proposed Additional Building Complex for the Supreme Court of India adjoining Pragati Maidan, New Delhi.

Project Proponent : The Executive Engineer, Construction Division -14 CPWD, East block-4, Level -2, R.K Puram, New Delhi 110066

Project Consultant : M/s Min Mec Consultancy Pvt. Ltd.

The Committee was informed that CPWD submitted a letter on 17.04.2014 requesting for change in the EC condition – replacement of gas generators by diesel generators. Keeping in view of the usage of power backup for about 100 hours in a year, the high cost of gas generators coupled with uncertainty of gas supply and the need for uninterrupted power supply for smooth functioning of the Supreme Court, the Committee recommends to SEIAA for the following change in the condition stipulated in EC already issued. "Replacement of gas generators by diesel generators".

The Committee decided that the 66th Meeting of SEAC will be held on May 22, 2014

There being no other business, the meeting ended with vote of thanks to the Chair.

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