



STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, PUNJAB
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE, GOVERNMENT OF INDIA

O/O Punjab Pollution Control Board,
Vatavaran Bhawan, Nabha Road,
Patiala - 147 001
Telefax:- 0175-2215802

No. SEIAA/2016/ 1214
To

Dated: 27.1.2016

M/s Shri Om Parkash Bansal Educational & Social Welfare Trust,
Village Talwara/Harbanspura,
Mandi Gobindgarh,
District Fatehgarh Sahib.

Subject: Environmental Clearance under EIA notification dated 14.09.2006 for carrying out expansion of an educational institute namely "RIMT Group of Colleges" already existing in the revenue estate of Village Talwara/Harbanspura, Mandi Gobindgarh, District Fatehgarh Sahib.

This has reference to your application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for carrying out expansion of an educational institute namely "RIMT Group of Colleges" already existing in the revenue estate of Village Talwara/Harbanspura, Mandi Gobindgarh, District Fatehgarh Sahib and subsequent presentation given before the State Level Expert Appraisal Committee (SEAC) for seeking prior environmental clearance for subject cited project as required under the EIA Notification, 2006. The proposal has been appraised as per procedure prescribed under the provisions of EIA Notification dated 14.09.2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, 1-A, conceptual plan and the additional clarifications furnished in response to the observations of the SEAC.

It is inter-alia noted that the proposal involves expansion of an educational institute namely "RIMT Group of Colleges" already existing in the revenue estate of Village Talwara/Harbanspura, Mandi Gobindgarh, District Fatehgarh Sahib. The total plot area of project is same i.e. 58.34 acres (2,36,179 sqm) and total built up area after expansion will increase from 1,39,138 sqm to 1,89,138 sqm. The total existing no. of students being catered by the educational institution are 11,945 and there will be decrease in number of students to 11,745 as the institute has discontinued some courses.

The total water requirement will be 757 KLD, out of which 35 KLD will be met through reuse of treated wastewater for flushing purposes and remaining 722 KLD will be abstracted from groundwater. The total wastewater generation will be 603 KLD, which will be treated in a STP and final discharge from STP will be 573 KLD out of which 35 KLD will be reused for flushing purpose and remaining will be used for various purposes such as gardening, construction & sprinkling, fire fighting purposes as per demand during various seasons and remaining if any will be utilized onto land irrigation as per Karnal Technology in an area measuring 8.5 acres, which has been reserved exclusively for the said purpose. CGWA has issued NOC vide letter no. 4966 dated 12.12.2012 for abstraction of groundwater to the tune of 438 KLD. Presently the project

proponent has already installed two STPs of capacity 150 KLD and 450 KLD and the same are adequate to meet with the wastewater generation.

About 500 Kg/day of solid waste is being generated which is collected and segregated at source. The non-biodegradable component is sold out to recyclers and the biodegradable component of the solid waste is picked up by M.C. Mandi Gobindgarh. The sludge from STPs is used as manure in green area inside the campus.

The existing power requirement is 5627 KW, which is being supplied by PSPCL. After expansion the total power requirement will be 6127 KW. Also, 5 no. D.G. set of capacity 125 KVA each, 2 no. DG set of capacity 160 KVA each, 1 DG set of 160 KVA capacity and 1 no. DG set of 65 KVA (Total 1260 KVA) have already been installed as standby arrangement of power supply. After expansion an additional DG set of 125/500 KVA will be provided. The e-waste will be handled and managed as per the E-waste (Management & Handling) Rules, 2011. The used oil from the D.G. sets will be stored in an isolated place and would be sold out to the approved recyclers as per the provisions of the Hazardous Waste (Management, Handling & Transboundary Movement), Rules, 2008. Parking will be provided for 1524 ECS.

Rs.33 lacs will be incurred for implementation of EMP and Rs.9.50 lacs / annum will be incurred on account of recurring charges. The details of the Corporate Social Responsibility activities are as under:

Activity	Year 2015-2016 (Rs. In Lacs)	Year 2016-2017 (Rs. In Lacs)
Medical facilities at Village Harbanspura, Mandi Gobindgarh and at RIMT Campus.	5.00	5.00
Development/cleaning of pond at Village Harbanspura Mandi Gobindgarh	8.00	8.00
Free uniform to students of Govt. Secondary & Elementary School Harbanspura, Mandi Gobindgarh	5.00	5.00
Free concession to students poor/weaker section of society excepts SC/ST students	100.00	100.00
Amount reserved for expenses at discretion of Village Sarpanch	20.00	20.00
Total	138.00	138.00

The case was considered by the SEAC in its 73rd meeting held on 12.07.2013, 93rd meeting held on 03.02.2014, wherein, the Committee awarded '**Silver Grading**' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance to the project proponent subject to certain conditions in addition to the proposed measures.

Thereafter, the case was considered by the SEIAA in its 66th meeting held on 11.07.2014, wherein, the Authority noted that the case stands recommended by SEAC and the Committee awarded 'Silver Grading' to the project proposal.

In the meanwhile, the Ministry of Environment & Forests, New Delhi issued an amendment in the EIA notification No. S.O. 1533 (E) dated 14.09.2006 vide No. S.O. 562 (E) dated 26.02.2014. Therefore, the case was reconsidered by the SEIAA in its 67th meeting held on 23.07.2014. The Authority deliberated upon the amendment

in the notification dated 26.02.2014 of Ministry of Environment & Forests, New Delhi and decided to remand the case to SEAC for re-examining the same in light of the said notification.

Accordingly, the case was considered by the SEAC in its 98th meeting held on 08.08.2014 and the ToRs were issued to the project proponent vide letter No. 2510 dated 14.08.2014. The project proponent vide letter dated 10.06.2015 has submitted the EIA report. Thereafter, the case was considered by the SEAC in its 121st meeting held on 26.06.2015, 125th meeting held on 11.08.2015, 126th meeting held on 21.08.2015 and lastly in its 134th meeting held on 23.10.2015, wherein, the Committee awarded '**Silver Grading**' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance to the project proponent subject to certain conditions in addition to the proposed measures.

Thereafter, the case was considered by the SEIAA in its 98th meeting held on 28.11.2015 and lastly in its 100th meeting held on 28.12.2015, wherein, the Authority noted that the case stands recommended by SEAC and the Committee awarded '**Silver Grading**' to the project proposal. Therefore, the Authority decided to grant environmental clearance to the project proponent for the expansion of already existing educational institution namely "RIMT Group of Colleges" in an area of 58.34 acres (2,36,179 sqm) having total built up area after expansion as 1,89,138 sqm in the revenue estate of Village Talwara/Harbanspura, Mandi Gobindgarh, District Fatehgarh Sahib, subject to the conditions as proposed by the SEAC in addition to the proposed measures. Accordingly, SEIAA, Punjab hereby accords necessary environmental clearance for the above project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments, subject to strict compliance of terms and conditions as follows:

PART A – Specific Conditions:

I. Pre-Construction Phase

- (i) "Consent to establish" shall be obtained from Punjab Pollution Control Board 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 the start of any construction work at site.
- (ii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- (iii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iv) The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightning.
- (v) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, disposal of waste water & solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (vi) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- (vii) The Project Proponent shall carry out the monitoring of shallow ground water within one month and thereafter, submit the report of the same.

II. Construction Phase:

- (i) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (ii) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority.
- (iii) Construction spoils, including bituminous material and other hazardous material, 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 groundwater.
- (iv) Construction/provision of the STP, tubewell, DG Sets, Utilities etc, earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on
- (v) Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should conform to applicable air and noise emission standards.
- (vi) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
- (vii) Fly ash should be used as construction material in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009 (This condition is applicable only if the project is within 100 Km of Thermal Power Station).
- (viii) Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices. Ready mixed concrete should be used in building construction as far as possible.
- (ix) Only treated wastewater shall be used for construction purposes and use of fresh water/groundwater abstraction for construction activity is not allowed.
- (x) The project proponent shall adopt dual plumbing system for reuse of treated wastewater for flushing system & HVAC etc
- (xi) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- (xii) Adequate steps shall be taken to conserve energy by limiting the use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.
- (xiii) The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightning.
- (xiv) The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to the provisions of Environment (Protection) Act, 1986 prescribed for air and noise emission standards.
- (xv) The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing/ HVAC purposes etc. and colour coding of different pipe lines carrying water/wastewater/ treated wastewater as follows:
 - a. Fresh water: : Blue
 - b. Untreated wastewater: : Black
 - c. Treated wastewater : Green
(for reuse)
 - d. Treated wastewater : Yellow
(for discharge)
 - e. Storm water : Orange
- (xvi) The installation of sewage treatment plant (STP) and adequacy of disposal system should be certified by Punjab Pollution Control Board and a report in this regard should be submitted to the Ministry of Environment & Forests/State Level Environment Impact Assessment Authority before the project is commissioned for operation.
- (xvii) The solid waste generated should be properly collected and proper onsite storage facility (covered) should be provided at site.

III. Operation Phase and Entire Life

- i) "Consent to operate" shall be obtained from Punjab Pollution Control Board 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 at the time of start of operation.
- ii) The total water requirement will be 757 KLD, out of which 35 KLD will be met through reuse of treated wastewater for flushing purposes and remaining 722 KLD will be abstracted from groundwater.
- iii) The total wastewater generation will be 603 KLD, which will be treated in a STP and final discharge from STP will be 573 KLD, out of which 35 KLD will be reused for flushing purpose and remaining will be used for various purposes such as gardening, construction & sprinkling, fire fighting purposes as per demand during various seasons and remaining if any will be utilized onto land irrigation as per Karnal Technology in an area measuring 8.5 acres, which has been reserved exclusively for the said purpose.
- iv) The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc. and shall maintain a record of readings of each such meter on daily basis.
- v) The position / location of the STP, tubewell, DG Sets, Utilities etc, installed by the project proponent as per the provisions made in the layout plan, should not be changed later-on under any circumstances.
- vi) Rainwater harvesting for rooftop run-off only should be implemented. Before recharging the rooftop run-off, pretreatment must be done to remove suspended matter, oil and grease.
- vii) The collected solid waste should be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors. The remaining solid wastes such as bio-degradable and inert waste shall be sent to the concerned collection centre of integrated municipal solid waste management facility of the area.
- viii) Adequate & appropriate pollution control measures should be provided to control fugitive emissions to be emitted within the complex.
- ix) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
- x) Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored.
- xi) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- xii) The project proponent shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.
- xiii) Adequate treatment facility for drinking water shall be provided, if required.
- xiv) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety.
- xv) The project proponent should take adequate and appropriate measures to contain the ambient air quality within the prescribed standards. The proposal regarding mitigation measures to be taken at site should be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority within three months.
- xvi) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating.
- xvii) A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA in three months time.

- xviii) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.
- xix) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
- xx) Separation of drinking water supply and treated sewage supply should be done by the use of different colors.
- xxi) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.

PART B – General Conditions :

I. Pre-Construction Phase

- i) This environmental clearance will be valid for a period of five years from the date of its issue or till the completion of the project, whichever is earlier.
- ii) The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.
- iii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable. The project proponent shall also obtain permission from the NBWL, if applicable.
- iv) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab.
- v) These stipulations would be enforced among others under the provisions of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environmental (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- vi) The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of borewell(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell(s) exist at site.
- vii) The project proponent shall obtain CLU from the competent authority, if any authority insists.
- viii) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- ix) The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.

II. Construction Phase

- i) The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.
- ii) The entire cost of the environmental management plan (i.e. capital cost as well as recurring cost) will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the

occupier/residents society under proper MOU after obtaining prior permission of the Punjab Pollution Control Board.

- iii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by mail) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab.
- iv) Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh / State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee / Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the CCF, Regional Office of Ministry of Environment & Forests, Chandigarh and State Level Environment Impact Assessment Authority, Punjab.
- v) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- vi) Separate distribution pipelines be laid down for use of treated effluent / raw water for horticultural/gardening purposes with different colour coding.
- vii) The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility and shall spend the minimum amount of Rs.138 Lacs annually for the years 2015-16, 2016-17 as proposed in addition to the amount required to be spent under the provisions of the Companies Act, 1956.
- viii) The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.
- ix) Separation of drinking water supply and treated sewage supply should be done by the use of dual plumbing line.

III. Operation Phase and Entire Life

- i) Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project and decisions of any Competent Court, to the extent applicable.
- ii) The entire cost of the environmental management plan (i.e. capital cost as well as recurring cost) will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/residents society under proper MOU after obtaining prior permission of the Punjab Pollution Control Board.
- iii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by mail) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab.
- iv) Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh / State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee / Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the CCF, Regional Office of Ministry of Environment & Forests, Chandigarh and State Level Environment Impact Assessment Authority, Punjab.
- v) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM_{2.5}, PM₁₀, SO₂, NO_x, CO, Pb, Ozone (ambient air as well as stack

emissions) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

- vi) The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility and shall spend the minimum amount of Rs. 40 Lacs as proposed in addition to the amount required to be spent under the provisions of the Companies Act 1956.
- vii) The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.

Shruti
Member Secretary (SEIAA)

Endst. No. _____

Dated _____

A copy of the above is forwarded to the following for information & further necessary action please.

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab State Power Corporation Ltd, the Mall, Patiala.
4. The Deputy Commissioner, Fatehgarh Sahib.
5. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
6. The Director (Environment), Ministry of Environment and Forest, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
 - a) Name of the applicant : Sh. Hukam Chand Bansal
 - b) Contact no. : 01765-242684
 - c) Email-Id : ramanch2003al@gmail.com
7. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali
8. Monitoring Cell, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
9. The Environmental Engineer (Computers), Punjab Pollution Control Board, Head Office, Patiala for displaying this document on the web site of the State Level Environment Impact Assessment Authority.

Sd/-
Member Secretary (SEIAA)