

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

**APPENDIX -I
(See Paragraph – 6)
FORM-1**

(I) Basic Information

Sl. No.	Item	Details
1.	Name of the project	Proposed Construction of a Motel Building on Khasra Nos. 23/14/2, 23/17, 23/18, 23/19/2 and 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh
2.	S.No. in the Schedule	8 (a)
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/ number of wells to be drilled.	Total Plot Area: 13,658.03 m ² Built up Area (FAR + Non FAR): 34,140.91 m ²
4.	New/Expansion/Modernization	New
5.	Existing Capacity/Area etc.	Not Applicable
6.	Category of Project i.e. 'A' or 'B'	B
7.	Does it Attract the general condition? If yes, please specify.	No
8.	Does it attract the specific condition? If yes, please specify.	No
9.	Location Plot/Survey/Khasra No Village Tehsil District State	23/14/2, 23/17, 23/18, 23/19/2 and 23/13/2 Samalkha Vasant Vihar South West Delhi Delhi
10.	Nearest railway station/airport along with distance in kms.	Nearest railway station is Bijwasan Railway Station at an aerial distance of 5.19 km towards West. Nearest Airport is Indira Gandhi International Airport at an aerial distance of 2.99 km towards North West.
11.	Nearest Town, City, District Headquarters along with distance in kms.	District Headquarters- Office of Deputy Commissioner, South West Delhi.
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (Complete postal addresses with telephone nos. to be given)	South Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, Minto Road, New Delhi-100002
13.	Name of the applicant	Mr. Jatinder Pal Singh
14.	Registered Address	D-6/13, Vasant Vihar, New Delhi - 110057

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

15.	Address for correspondence: Name Designation(Owner/Partner/CEO) Address Pin Code E-Mail Telephone No. Fax No.	Mr. Jatinder Pal Singh Owner D-6/13, Vasant Vihar, New Delhi - 110057 110057 arvind.architect@yahoo.co.in 9810064388 ..
16.	Details of Alternative Sites Examined, if any, Location of these sites should be shown on a topo sheet.	No alternate site has been examined. This land has been partly purchased vide Sale Deed dated 12.09.1988 and partly obtained vide Gift Deed dated 04.03.1994. The copy of the land document is attached as Annexure-I .
17.	Interlinked Projects	Not Applicable
18.	Whether separate application of interlinked project has been submitted?	Not Applicable
19.	If yes, date of submission	Not Applicable
20.	If no, reason	Not Applicable
21.	Whether the proposal involves approval/clearance under: If yes, detail of the same and their status to be given (a) The Forests (Conservation) Act, 1980? (b) The Wild Life (Protection) Act, 1972? (c) The C.R.Z. Notification, 1990?	No Forest Land is involved and no tree cutting will be done during the construction and operational phase of the project. So, this point is not applicable.
22.	Whether there is any Government order/policy relevant/relating to the site?	No
23.	Forests Land Involved (Hectares)	Forest land is not involved.
24.	Whether there is any litigation pending against the project and/or land in which the project is proposed to be setup? (a) Name of the Court (b) Case NO. (c) Orders/ directions of the Court, if any and its relevance with the proposed project.	Presently, no litigation is pending against the project and/or land in which the project is proposed. Not Applicable.

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

(II) Activity

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	<p>The selected site has been partly purchased and partly obtained as gift for the motel construction and it will be developed as per the Delhi Building Byelaws 1983.</p> <p>The land cover of project site is a fallow land and depicts plain topography (relative relief is less than 5m) it is anticipated that the construction activities of the project will be as per as per the Delhi Building Byelaws.</p> <p>During the construction phase, land cover of the project site will be altered, which will be temporarily in nature.</p>
1.2	Clearance of existing land, vegetation and building?	No	Project site is vacant land, so no clearance is required.
1.3	Creation of new land uses?	No	The selected site has been purchased for the purpose of Motel construction and it will be developed as per the Delhi Building Byelaws. There will be no creation of new land uses.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	The Geotechnical study shall be carried out.
1.5	Construction Work?	Yes	The construction in the proposed project involves the development of motel project having the built up area of 34,140.91 m ² . Construction work and the development of the project will be done as per Delhi Building Bye Laws.
1.6	Demolition works?	No	Not Required
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	Site office will be provided for the Construction Management team during construction phase. Temporary labour sheds will be provided to construction labour

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

			during construction phase. All the construction activities including storage of raw materials will be confined to the project site only.
1.8	Above ground building, structures or earthwork including linear structures, cut and fill or excavations	Yes	Excavation will be carried out for foundation and basement of buildings. During the construction phase, excavated earth from foundation & basement 52580.353 m ³ of the project will be reused for backfilling and landscaping purposes. The excavated soil will be properly stacked within the site under tarpaulin cover.
1.9	Underground works including mining or tunnelling?	No	As this is the Motel project, no mining or tunnelling would be required.
1.10	Reclamation works?	No	No reclamation work required.
1.11	Dredging?	No	No dredging required.
1.12	Offshore structures?	No	No offshore structures required.
1.13	Production and manufacturing processes?	No	As this is the Motel project, no production or manufacturing process would be required.
1.14	Facilities for storage of goods or materials?	Yes	<p>During construction stage, the following raw material handling methods will be adopted:</p> <ul style="list-style-type: none"> • Cement will be separately stored under cover in bales • Sand & aggregates will be stacked neatly under tarpaulin cover • Bricks and steel will be laid in open • Finishing materials like tiles, sanitary fixtures, etc. shall be stored in closed rooms. <p>Material storage yard will be developed or constructed for storage of construction materials.</p>
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	<p>1.)Details regarding the Disposal and treatment of Solid waste:</p> <p>i) Solid Waste generated during construction phase: Details of Construction waste is given below:</p> <ol style="list-style-type: none"> 1. Soil, Sand and Gravel 2. Brick and Masonry 3. Concrete

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

		<p>4. Metal 5. Bitumen 6. Wood 7. Other (Glass, Plastic material, paper etc.)</p> <p>Reuse: The construction waste will be used in back filling, road making and pavement. Metals, tin cans, glass will be sold to local recyclers/kabadiwalas.</p> <p>ii) Solid Waste generated during operational phase: Total quantity of the municipal solid waste during the operational phase will be around 525 kg/day. Sludge generation will be 1 kg. The municipal solid waste will comprise of biodegradable fraction, non-biodegradable fraction and inert fraction.</p> <p>Disposal: The biodegradable waste will be collected in green coloured bins/containers and will be segregated in collection chamber and will be disposed to MSW site. Non bio degradable waste will be collected into blue bins/containers and will be segregated in collection chambers and sold to kabadiwala or govt. approved agency or recycling industry. Inert waste will be separately collected and stored in black containers and will be handed over to municipal authority. Sludge will be used for horticulture purposes. Segregation, Collection at site and disposal will be done as per Municipal Solid Wastes (Management and Handling) Rules, 2000.</p> <p>2.)Details regarding the Disposal and treatment of Liquid Effluent: i) During the construction phase, approx. 2.4 KLD sewage will be generated and it will be treated through Soak pit or septic tank and</p>
--	--	---

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

			<p>for the construction activity treated water will be used.</p> <p>ii) During the operational phase, wastewater generated will be 144 KLD and it will be treated in the STP installed of 173 KLD capacity of SAFF technology. The treated water will be recycled and reused for flushing, horticulture, DG cooling, HVAC makeup, thus, achieving zero discharge. During the monsoon period the remaining excess water (for horticulture) will be discharged in to the sewer line.</p>
1.16	Facilities for long term housing of operational workers?	No	There will be no facility for long term housing for operational workers.
1.17	New road, rail or sea traffic during construction or operation?	No	<p>Sectoral roads/existing roads (NH-8) will be used in construction stage at the site for construction work and transport of construction materials.</p> <p>During operational phase, traffic will increase to some extent. But there will be no rail or sea traffic.</p>
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	<p>Existing transportation routes will be used for transportation:</p> <p>Transportation sources exiting near the project site:-</p> <p>Nearest railway station is Bijwasan Railway Station at an aerial distance of 5.19 km towards West.</p> <p>Nearest Airport is Indira Gandhi International Airport at an aerial distance of 2.99 km towards North West.</p> <p>NH-8 is passing adjacent to the project site.</p>
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	The project shall not affect the existing traffic status during the construction and operational phase.
1.20	New or diverted transmission lines or pipelines?	No	No new or diversion of transmission lines or pipelines will be done.
1.21	Impoundment, damming, culverting, realignment or other	No	No impoundment, damming, culverting, realignment or other changes to the

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

	changes to the hydrology of watercourses or aquifers?		hydrology of surface watercourses is proposed.
1.22	Stream crossings?	No	No stream is crossing in the project site.
1.23	Abstraction or transfers of water from ground or surface waters?	No	No ground water will be abstracted for any purpose during the construction as well as operation phase. During the construction phase, water supply will be met through treated water from CSTP/private water tankers. During the operation phase, water supply will be met through Delhi Jal Board. If required, prior permission will be taken from CGWB for the abstraction of ground water during operation phase only.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	The Najafgarh Drain is located at the distance of 9.0 km towards North West. The sewage generated will be treated in the onsite STP and the treated water will be used for flushing, horticulture, DG cooling, HVAC makeup, road washing & other misc. purpose and the rest of the treated water will be discharged to sewer during the non-monsoon period and during the monsoon period the remaining excess water (for horticulture) will also be discharged in to the sewer line. Hence, it is expected that drainage or run off will not be affected and change in water body or the land surface will not occur.
1.25	Transport of Personnel or materials for construction, operation or decommissioning?	Yes	There will be transport of construction materials by trucks or trolleys etc. Precautions will be taken to reduce the impact of the vehicular movement by trying to avoid the vehicular trips during peak hours.
1.26	Long-term dismantling or decommissioning or restoration works?	No	Not Applicable
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not Applicable

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

1.28	Influx of people to an area in either temporarily or permanently?	Yes	Construction phase: Workers from nearby area will be hired in the construction phase. (Temporarily). Operation Phase: As it is a Motel Project, Staff will be on the temporary basis.
1.29	Introduction of alien species?	No	Native/Local species will be planted.
1.30	Loss of native species or genetic diversity?	No	No
1.31	Any other actions?	No	No

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

S.No.	Information/ Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible with source of information data)
2.1.	Land especially undeveloped/agricultural	No	The land will be developed as per the as per the Delhi Building Byelaws.
2.2.	Water (expected source & competing users) Unit: KLD	Yes	Total water requirement of the proposed project will be approximately: 275 KLD. Domestic Water Supply: 97 KLD Flushing: 66 KLD Horticulture: 25 KLD. Fire fighting Tank (One Time): 20 KLD Swimming Pool (One Time): 10 KLD HVAC: 52 KLD DG cooling: 5 KLD Source of fresh water would be Delhi Jal Board.
2.3.	Minerals (MT)	No	Not Applicable
2.4.	Construction material – stone, aggregates, sand/soil (expected source – MT)	Yes	List of building materials being used at site: 1. Coarse sand 2. Fine sand 3. Stone aggregate 4. Stone for masonry work 5. Cement 6. Fly Ash

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

			<p>7. Reinforcement steel</p> <p>8. Plywood & steel shuttering</p> <p>9. Pipe scaffolding (cup lock system)</p> <p>10. Bricks</p> <p>11. Marble</p> <p>12. P.V.C. conduit</p> <p>13. MCBs/DBs</p> <p>14. PVC overhead water tanks</p> <p>15. Pave tiles</p> <p>16. GI pipe</p> <p>17. Wastewater lines</p> <p>18. S.W. sewer line up to main sewer</p> <p>19. PVC rain water down take</p> <p>20. Stainless steel sink in kitchen</p> <p>21. Insulated glass on external facade with ACP</p> <p>22. Joinery hardware</p>
2.5.	Forests and timber (source – MT)	Yes	Minimum wood will be used in the project, mainly would be used for doors in the project. Aluminium frames will be used at most of the places.
2.6.	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	<p>1. Electricity Source: Power consumption during the operational phase will be 2085.06 KW and will be supplied by BSES Rajdhani Power Limited.</p> <p>2. Backup power source: 2 no. of DG Sets having capacity of 500 KVA each will be provided. One additional DG set of 500 KVA will be kept as standby. DG sets will be water cooled.</p> <p>DG sets will be installed with suitable stack height as per CPCB guidelines and will be enclosed by acoustic enclosure.</p> <p>Low sulphur diesel will be used as fuel for running DG sets and fuel consumption will be approximately 240 litres/hr during the operational hours.</p>
2.7.	Any other natural resources (use appropriate standard units)	No	Not Applicable

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S. No.	Information/Checklist Confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	No	There will be no use of the substances or material which are hazardous, as per Manufacture Storage and Import of Hazardous Chemicals Rules, 1989 and its amendments 2008.
3.2	Changes in occurrence of disease of disease or affect disease vectors (e.g. insect or water borne diseases)	No	The solid waste generated both during construction and operation shall be properly managed and disposed-off. The sewage generated from the project will be treated in an adequate capacity of STP. The cleanliness of the project shall be maintained. Hence, it is expected that there shall be reduction in vectors as well as vector borne diseases.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Due to the proposed project Socio-Economic condition of the area will improve. The project shall not have any adverse effect on the living condition of the people.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	The project shall not affect any vulnerable groups of people in the vicinity.
3.5	Any other causes	No	Not Applicable

4. Production of solid wastes during construction or operation or operation or decommissioning (MT/month)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (With approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	As this project is a Motel project, so no mine spoil and overburden waste will be generated.
4.2	Municipal wastes (domestic and or	Yes	Total municipal waste generated from the project will be 525 kg/day.

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

	commercial wastes)		
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	Used oil/spent oil from the DG Sets as per the Category 5.1, of Schedule-1 of the Hazardous Wastes, (Management, Handling & Transboundary Movement) Rules, 2008. Suitable management practice will be adopted for the same. It will be stored in HDPE drums and kept in covered rooms, under lock and key and will be sold to SPCB authorized vendor's only. Specialized care will be taken to prevent leaks and/or spills.
4.4	Other industrial process wastes	No	Not Applicable
4.5	Surplus product	No	Not Applicable
4.6	Sewage sludge or other sludge from effluent treatment	Yes	The sludge (on wet basis) generated from STP is 0.101 kg and it will be dried and used for horticulture purposes.
4.7	Construction or demolition wastes	Yes	Details of Construction waste is given below: 1. Soil, Sand and Gravel 2. Brick and Masonry 3. Concrete 4. Metal 5. Bitumen 6. Wood 7. Other (Glass, Plastic material, paper etc.) Construction waste shall be used for back filling, road making and pavements. No demolition activities will be required.
4.8	Redundant machinery or equipment	No	Not Applicable
4.9	Contaminated soils or other materials	No	Not Applicable
4.10	Agricultural wastes	No	Negligible waste will be generated from landscape, which will be the bio-degradable waste.
4.11	Other solid wastes	No	Not Applicable

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

5. Release of pollutant or any hazardous, toxic or noxious substances to air (kg/hr)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	The operation of proposed project does not envisage any major air pollutant generating sources except DG sets and vehicular movement. Proper mitigation measures will be adopted for the same. There will be provision of acoustic enclosures as well as adequate stack height and DG sets will be maintained as per CPCB norms.
5.2	Emissions from production processes	No	Not applicable as it is a Motel Project.
5.3	Emissions from materials handling including storage or transport	Yes	Fugitive emissions are envisaged only from material handling and transporting areas, loading/unloading the construction material, transportation and earthwork (levelling etc.) during the construction period. Regular sprinkling of water in the construction area will be proposed.
5.4	Emissions from construction activities including construction materials, sewage and waste	Yes	As most of the construction equipment will be mobile, the emissions are likely to be fugitive. The dust generated will also be fugitive in nature, which can be controlled by suitable mitigation measures like sprinkling of water. Sewage will be generated from labours shed and it will be disposed of by Soak pit or septic tank. The impacts will be localized in nature and the areas outside the project boundary are not likely to have any adverse impact with respect to ambient air quality.
5.5	Dust of odours from handling of materials including construction materials, sewage and waste	Yes	Dust is likely to be generated during construction, this will be water sprinkled and tarpaulin cover will be provided over stored raw material to reduce dust emission.
5.6	Emissions from incineration of waste	No	Not Applicable

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	Burning of waste will not be done and the waste generated shall be managed as per the Municipal Solid Waste (Management & Handling) Rules 2000. Construction debris will be used in internal road construction.
5.8	Emissions from any other sources	No	Not Applicable

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

S.No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	During construction the machinery used for construction will be of highest standard of reputed make and will adhere to international standard. These standards itself take care of noise pollution control/vibration control and air emission control. Hence insignificant impacts due to construction machinery are envisaged. Apart for this the construction activities will be restricted to day time only. Moderate noise will be generated from Construction Machineries such as Concrete mixer with hopper, JCB/Pockline, Road roller. To avoid this, ear muffs will be provided to the construction worker. Source of noise in the operational phase will be DG sets only. The DG sets will be operational during power failure only.
6.2	From industrial or similar processes	No	Not Applicable
6.3	From construction or demolition	Yes	Moderate noise during construction
6.4	From blasting or piling	No	No blasting or mechanized piling will be used in the construction phase.
6.5	From construction or operational traffic	Yes	Noise generated due to traffic movement will be further minimized by plantation on the sides of internal roads, on the open spaces inside and around the periphery. Proper maintenance of the internal roads will be carried out and Informatory signboards shall be provided to encourage

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

			vehicle owners to maintain their vehicle, not to blow horns.
6.6	From lighting or cooling systems	No	Not Applicable
6.7	From Any other sources	No	Not Applicable

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data.
7.1	From handling, storage, use or spillage of hazardous materials	No	The used oil from DG sets will be carefully stored in HDPE drums at isolated storage, and periodically sold to authorized recyclers. All precautions will be taken to avoid spillage from storage as per The Hazardous Wastes (Management, Handling & Trans-boundary Movement) Rules, 2008
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	Yes	Treated sewage from STP will be reused for flushing; landscaping, DG Sets Cooling, HVAC makeup, road washing & other misc. purpose and excess treated water will be discharged into sewer after complying with the standards prescribed by CPCB with permission from authority.
7.3	By deposition of pollutants emitted to air into the land or into water	No	Not Applicable
7.4	From any other sources	No	Not Applicable
7.5	Is there a risk of long term build-up of pollutants in the environment from these sources?	No	There is no such risk.

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	This is basically a construction project and does not involve major hazardous material for the construction activity. Hence, chances of explosions, spillages,

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

		<p>fires are minimal (As nature of raw materials are not flammable/explosive Except some diesel used for DG set and paint at the time of final activities) and some welding and gas cutting activities may be envisaged.</p> <p>For the above following precaution shall be taken care.</p> <ol style="list-style-type: none"> 1. Diesel shall be stored in an isolated storage area and quantity shall be minimum on day to day basis in sealed condition in HDPE Drum 2. Paint shall be stored in Isolated storage area 3. For welding and gas cutting All the necessary precaution shall be taken care namely provision of sound welding set, proper earthing system, before starting welding/gas cutting activities area to be cleared off from flammable material if any 4. Oxygen and acetylene cylinder including cutting torch shall be provided with flashback Arrestor and cradle with chain shall be used against inadvertent fall. 5. Tool box talk shall be imparted to all labourers by their supervisors at the beginning of the job. <p>During construction, all the labourers will be provided with suitable personal protective equipment (PPE) as required under the health and safety norms. Training and awareness about the safety norms will be provided to all supervisors and labourers involved in construction activity.</p> <p>An agreement will be signed with the contractor, which will clearly deal with the safety aspects during construction.</p> <p>No major hazardous waste shall be stored within the project site. No chemical industry or process activity is involved in</p>
--	--	--

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

			this project, hence no chemical hazard and accidents due to them envisaged. Safety measures for the potential sources of Fire hazards, like diesel storage for DG sets etc. will be taken into consideration from safety point.
8.2	From any other causes	No	Not Applicable.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	The project falls under seismic active Zone IV indicating High damage risk zone, according to the Indian Standard Seismic Zoning Map. The building will be designed as earthquake resistant and comply with the required IS specifications. There are no chances of floods and landslide.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • Housing development • Extractive industries • Supply industries • Other 	<p>Yes</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p>	<p>Appropriate infrastructure like roads, power supply, waste management and waste water treatment will be developed within the project site. Development of the area will be as per the as per the Delhi Building Byelaws. There will be a cumulative positive impact on the environment in terms of better infrastructure.</p> <p>Not Applicable</p> <p>Not Applicable</p> <p>Not Applicable</p> <p>Not Applicable</p>
9.2	Lead to after-use of the site, which could have an impact on the environment	No	Not Applicable
9.3	Set a precedent for later development	Yes	Infrastructure development of area. Socio Economic condition will improve.
9.4	Have cumulative effects due to	No	As it is a planned development by the

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

proximity to other existing or planned projects with similar effects	authorities and as per the master plan, hence no adverse impacts are envisaged.
--	---

(III) Environment Sensitivity

S. No.	Area	Name/ Identity	Aerial distance (within 15km) Proposed project location boundary
1.	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Central Ridge RF Rajokri PF Jahanpanah Forest	12.96 km towards North East 2.49 km towards South East 13.88 km towards East
2.	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Najafgarh Drain Ganda Nala Central Ridge RF Rajokri PF Jahanpanah PF	9.0 km towards North West 9.4 km towards North West 12.96 km towards North East 2.49 km towards South East 13.88 km towards East
3.	Area used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Central Ridge RF Rajokri PF Jahanpanah Forest	12.96 km towards North East 2.49 km towards South East 13.88 km towards East
4.	Inland, coastal, marine or underground waters	Najafgarh Drain Ganda Nala	9.0 km towards North West 9.4 km towards North West
5.	State, National boundaries	Delhi – Haryana Inter State Boundary	2.17 km towards SSE
6.	Routers or facilities used by the public for access to recreation or other tourist, pilgrim areas	NH-8 Abdul Gaffar Khan Marg UER II	Adjacent towards North West 2.82 km towards North East 757 m towards North West
7.	Defence installations	Delhi Cantonment	9.0 km towards North East
8.	Densely populated or built-up area	Rangpuri Samalkha Mahipalpur Village Rangpuri Pahari Rajokri Village Masudpur Village	488 m towards East 0.55 km towards North West 2.38 km towards North East 2.49 km towards North East 1.59 km towards South East 4.64 km towards East
9.	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	List of Schools/College: • TERI University • Delhi Public	4.51 km towards ENE 4.33 km towards North East

Proposed Construction of a Motel Building on Khasra No. 23/14/2, 23/17, 23/18, 23/19/2, 23/13/2 at Village Samalkha, Tehsil Vasant Vihar, New Delhi – 110037 for Shri Jatinder Pal Singh

		<p>School, Vasant Vihar</p> <ul style="list-style-type: none"> • Ryan International School, Vasant Vihar • Delhi University <p>List of Hospitals:</p> <ul style="list-style-type: none"> • AIIMS • Holy Angels Hospital <p>List of Places of Worship:</p> <ul style="list-style-type: none"> • Masudpur Masjid • St. Alphonsa Church • Sheetla Mata Mandir 	<p>3.44 km towards North East</p> <p>8.55 km towards North East</p> <p>11.11 km towards ENE</p> <p>6.66 km towards North East</p> <p>4.79 km towards ESE</p> <p>6.0 km towards South East</p> <p>8.83 km towards South West</p>
10.	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Najafgarh Drain Ganda Nala	9.0 km towards North West 9.4 km towards North West
11.	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	Anand Parbat Industrial Area, CEPI-79.54 (Ac_Wc_Lc) Naraina Industrial Area, CEPI-79.54 (Ac_Wc_Lc)	15.96 km towards NNE 11.95 km towards NNE
12.	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	Yes	Area is susceptible to Earthquake. Project area falls in Zone-IV as High Damage Risk Zone.

(IV) Proposed Terms of Reference for EIA studies - Not Applicable