ENCLOSURE 1. FORM-I & IA

APPENDIX I

(See paragraph – 8.9)

FORM 1

I. Basic Information

S.No.	Item	Details
1.	Name of the project/s	Expansion of "Action Cancer Hospital"
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: 10,000 m^2 (1.0 ha.) Total Built up area after expansion: 33021.717 m^2
4.	New/ Expansion/ Modernization	Expansion Since, the hospital complex was constructed before EIA Notification, 2006. Environmental Clearance was not applicable for the earlier part. Now to increase the capacity of handling of patients and increase in beds, two towers are proposed hence built up area is increased Hence, we are applying for Expansion of Hospital Complex.
5.	Existing Capacity/ Area etc.	Existing Built-up area: 9623.550 m^2
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	A-4, Paschim Vihar, Near Paschim Vihar East Metro Station
	Plot/ Survey/ Khasra No.	A-4
	Village	Jwalaheri
	Tehsil	New Delhi
	District	West Delhi
	State	Delhi
10.	Nearest railway station/ airport along with distance in kms.	**Railway Station:** Shakurbasti Railway Station - 0.95 Km NE **Airport:** Indira Gandhi International Airport 11.88 Km S
11.	Nearest Town, city, District Headquarters along with distance in kms.	Project is in Delhi Itself.

12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	South Delhi Municipal Corporation, South Zone, Sector 9, RK Puram, New Delhi, Delhi 110022. Contact Number: 011- 26522700, 26517191
13.	Name of the applicant	Manav Sevarth Trust
14.	Registered Address	Manav Sevarth Trust, Facility centre no. 34, Paschim Vihar, New Delhi
15.	Address for correspondence:	
	Name	Ram Chandra Chharia
	Designation (Owner/Partner/CEO)	Trustee, Manav Sevarth trust
	Address	Manav Sevarth Trust, Facility centre no. 34, Paschim Vihar, New Delhi
	Pin Code	110063
	E-mail	satyapal@actioncancerhospital.com
	Telephone No.	9811052607
	Fax no.	-
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a Topo sheet.	Since, it is an expansion of existing complex. Hence no alternative site has been examined. Expansion will be done within the same complex.
17.	Interlinked Projects	No
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, details of the same and their status to be given. (a) The Forest (Conservation) Act, 1980? (b) The Wildlife (Protection) Act, 1972? (c) The C.R.Z. Notification, 1991?	 Not Applicable Not Applicable Not Applicable
22.	Whether there is any Government Order/ Policy relevant/ relating to the site?	Not applicable
23.	Forest land involved (hectares)	No forest land is involved.
24.	Whether there is any litigation pending against the project and/ or	None

	land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/ directions of the Court, if any and its relevance with the proposed project.	 Not Applicable Not Applicable Not Applicable

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)	No	It is an expansion of existing hospital building. At present, Hospital is operational. For proposed expansion, new blocks, atrium and multilevel car parking block on existing land shall be constructed. Hence, land use shall not be changed.
1.2	Clearance of existing land, vegetation and buildings?	Yes	Small portion of hospital area (Block A and B&C) of about 158.691 m^2 area shall be demolished.
1.3	Creation of new land uses?	No	The hospital is an operational complex. Hence, no new land use is required.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Pre-construction Geo-technical investigation has been done.
1.5	Construction works?	Yes	Construction will be done as per Building bye laws
1.6	Demolition works?	Yes	Small portion of hospital area (Block A and B&C) of about 158.691 m^2 area shall be demolished.
1.7	Temporary sites used for construction works or housing of construction workers?	No	Workers during construction phase shall be hired from nearby areas and hence no housing

			provisions shall be provided. Only temporary shelters shall be provided.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	**Existing Building**- 3 towers with 2B+G+3 no. of floors already existing. **Proposed Building -** Maximum construction above ground level will up to 2B+G + 6 & Excavation for foundation and 2 levels of basements.
1.9	Underground works including mining or tunnelling?	No	Not applicable
1.10	Reclamation works?	No	Not applicable
1.11	Dredging?	No	Not applicable
1.12	Offshore structures?	No	Not applicable
1.13	Production and manufacturing processes?	No	No production or manufacturing will be done as the proposed is a construction project.
1.14	Facilities for storage of goods or materials?	Yes	**During Construction Phase:** ♦ Separate raw material yard will be made within the project site. ♦ Cement will be separately stored under cover in bales. ♦ Sand will be stacked nearby under tarpaulin cover. ♦ Bricks and steel will be laid in open. **During Operation Phase:** As the project is a Hospital Complex, hence, the material will be chemicals, medicines, other biomedical materials, radioactive material etc. which will be stored in respective labs or storage rooms.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	**During Construction phase:** Total 150 labours shall work during the construction phase and hence the solid waste generation shall be 8.395 tons/annum which shall be disposed off at municipal solid waste site.

			Construction and demolition debris like Concrete will be reused for backfilling & waterproofing for terrace, toilets etc. Tiles will be used in creating pathways in the landscape area, & rest will be sent to the construction & demolition facility. The 6 KLD waste water shall be generated which will be discharged to septic tank which shall be cleaned regularly. **During operation phase:** Approx. 44 tonnes/annum of MSW is being generated from existing part of hospital and after expansion this waste generation shall exceed to 72 out of which, 43 tons/annum of biodegradable waste. 14 tons/annum of non-biodegradable waste and 14 tons/annum of recyclable waste shall be generated from the complex. Recyclable waste is being given to approved recycler M/s General Waste Collector and the same shall be followed after expansion as well. Approx. 7.3 tonnes/annum of biomedical waste is being generated from the existing part of hospital which is being given to approved service provider M/s SMS Water Grace BMW Pvt Ltd. After expansion waste generation shall exceed to 16.4 tonnes/annum and shall be given to the same service provider. For the liquid effluent, waste water of 47 KLD is being generated from existing part which is being treated in combined STP of 600 KLD capacity and after expansion waste water generation shall exceed to 79 KLD and the same shall be treated in the same 600 KLD combined capacity STP for both complexes. At present, lab waste of 0.5 KLD is being generated which is disposed off directly into sewer and after expansion this waste generation will remain same and an ETP of capacity 2 KLD shall be installed for treatment of the same.

1.16	Facilities for long term housing of operational workers?	No	**During Construction phase:** The workers during construction phase will be hired from nearby areas and hence no need of housing. Only temporary shelters shall be provided. **During Operation Phase:** Staff will be from the nearby areas. Separate housing will not be provided.
1.17	New road, rail or sea traffic during construction or operation?	No	No new road, rail or sea traffic is proposed. Existing transportation facilities will be used during construction or operation phase.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	No new road, rail, or sea traffic is proposed. **Railway Station:** Shakurbasti Railway Station, 0.95 Km NE **Airport:** Indira Gandhi International Airport, 11.88 km (SSE) **Highway:** NH-10, 0.30 km (N)
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	No such closure or diversion of existing transport is required.
1.20	New or diverted transmission lines or pipelines?	No	No new or diversion of transmission lines or pipelines would be done.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	No impoundment, damming, culverting, realignment or other changes to the hydrology of surface watercourse is required.
1.22	Stream crossings?	No	No stream crosses the project site.
1.23	Abstraction or transfers of water from ground or surface waters?	No	No abstraction of ground water is required.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There will be no changes in water bodies or the land surface affecting drainage or run-off.

<table>
<tr><td>1.25</td><td>Transport of personnel or materials for construction, operation or decommissioning?</td><td>Yes</td><td>During Construction phase:
Materials during construction phase shall be transported by truck, trolley etc. Parking of trucks will be provided in case of emergency.

During Operation Phase:
Ambulances, Cars, two – wheeler etc. will be used during operation phase.</td></tr>
<tr><td>1.26</td><td>Long-term dismantling or decommissioning or restoration works?</td><td>No</td><td>Not Applicable</td></tr>
<tr><td>1.27</td><td>Ongoing activity during decommissioning which could have an impact on the environment?</td><td>No</td><td>Not Applicable</td></tr>
<tr><td>1.28</td><td>Influx of people to an area in either temporarily or permanently?</td><td>Yes</td><td>During Construction phase
Temporary influx of people in the form of labours will be there. Approx. 150 no. of local labours shall be employed for proposed expansion.
During operation phase
Influx of people will be as follows:
<table>
<tr><th>Type</th><th>Existing</th><th>Total after expansion</th></tr>
<tr><td>Total No. of patients (IPD, OPD and day care)</td><td>200</td><td>270</td></tr>
<tr><td>Staff and Employee</td><td>250</td><td>400</td></tr>
<tr><td>Nurses (hostel)</td><td>0</td><td>63</td></tr>
<tr><td>Visitors</td><td>150</td><td>250</td></tr>
<tr><td>Total Population</td><td>600</td><td>983</td></tr>
</table>
Hence after expansion there will be influx of 983 persons.</td></tr>
<tr><td>1.29</td><td>Introduction of alien species?</td><td>No</td><td>As on date, there is no history of alien species at the proposed site.</td></tr>
<tr><td>1.30</td><td>Loss of native species or genetic diversity?</td><td>No</td><td>There will be no loss in native species or genetic diversity at site.</td></tr>
</table>

1.31	Any other actions?	No	Not Applicable

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 or agricultural land (ha)	No	The project land is already developed into a hospital complex for which land was allotted to Manav Sevarth Trust by DDA. Now expansion is proposed within the same complex.
2.2	Water (expected source & competing users) unit: KLD	Yes	**Source & Quantity During Construction phase:** Total water requirement for construction purpose will be 7 KLD which shall be taken from treated water from the STP from tanker supply. For workers 5 KLD water will be required which will be met by Municipal supply within the complex. **Source & Quantity During Operation Phase:** The existing water requirement of the complex is 90 KLD which is being met by Delhi Jal Board and tanker supply & same shall be source of supply after expansion. Total water requirement of the project after expansion will be 123 KLD out of which 54 KLD will be fresh water requirement. Detailed water Management & water Balance are given in Environment Management Report.
2.3	Minerals (MT)	No	Not Applicable
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Building materials shall be sourced from indigenous supply. The major materials required for construction of the project are steel, tiles, glass, cement, Iron etc.

2.5	Forests and timber (source – MT)	Yes	Wood for Doors shutters/ furniture, windows shall be used as per the requirement.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	**Source of power supply** – BSES **Existing Power requirement:** 300 KW **Total power requirement after expansion**: 500 KW **Existing DG Sets**: 750 kVA Total DG sets after expansion: 2 X 750 kVA **Fuel:** Low sulphur diesel
2.7	Any other natural resources (use appropriate standard units)	No	Not Applicable

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)	Yes	As proposed project is a hospital, chemicals within threshold limits shall be used in the lab for which proper care shall be taken for its disposal.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Suitable drainage and waste management measures are being adopted in existing complex and the same shall be adopted after expansion as well.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	**During Construction phase:** This project shall provide employment to about 150 no. of local labors during construction phase which will lead to better quality of life & shall also set a standard for future developments in the area. **During Operation Phase:** In existing complex, working staff of 250 persons is employed which will increase to 400 after expansion. Also, dwelling units for hostel shall be provided to 63 nurses after proposed expansion. Hence

			employment opportunities will increase due to proposed expansion. Moreover, the hospital will have a positive impact as it will provide better medical facilities after expansion.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	No, vulnerable group of people are seen near the project site. However, it will provide better medical facilities to the population.
3.5	Any other causes	No	None

4. Production of solid wastes during construction 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	Not applicable
4.2	Municipal waste (domestic and or commercial wastes)	Yes	**During Construction phase:** Total 150 labours shall work during the construction phase and hence the solid waste generation shall be 8.395 tons/annum which shall be disposed off at municipal solid waste site. Construction and demolition debris like Concrete will be reused for backfilling & waterproofing for terrace, toilets etc. Tiles will be used in creating pathways in the landscape area, & rest will be sent to the construction & demolition facility. Approx. 44 tonnes/annum of MSW is being generated from existing part of hospital and after expansion this waste generation shall exceed to 72 out of which, 43 tons/annum of biodegradable waste. 14 tons/annum of non-biodegradable waste and 14 tons/annum of recyclable waste shall be generated from the complex. Recyclable waste is being given to approved recycler M/s General Waste Collector and the same shall be followed after expansion as well.

4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	**During Construction phase:** Used oil whenever generated from the DG sets will be kept in leak proof containers in an isolated area and then sent to approved recycler. **During Operation Phase:** Used oil from D.G. Set of existing complex is being carefully stored in HDPE drums in isolated covered facility & sent to vendors authorized by CPCB for the treatment of the same and the same shall be followed after expansion also. Suitable care will be taken so that spills/ leaks of used oil from storage could be avoided.
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	About 2.09 tons/annum dried sludge will be generated after expansion from existing STP of capacity 600 KLD (Combined capacity used for both complexes) within complex and this sludge will be passed through filter press where it will be dewatered/ dried & form a cake and then will be used as manure in green areas and excess will be given to farmers/ nurseries.
4.7	Construction or demolition wastes	Yes	Construction and demolition debris like Concrete will be re used in backfilling & waterproofing for terrace, toilets etc. Tiles will be used in creating pathways in the landscape area etc. & rest will be sent to the construction & demolition facility. Excavated soil generated during basement development will be used for levelling and back filling. Top soil shall be reused for landscaping to the maximum extent possible. Recyclable waste like steel, aluminium, cement bags etc. will be sold to Recycler.
4.8	Redundant machinery or equipment	No	Not applicable
4.9	Contaminated soils or other materials	No	Not applicable
4.10	Agricultural wastes	No	Not applicable

4.11	Other solid wastes	Yes	Approx. 7 tonnes/annum of biomedical waste is being generated from the existing part of hospital which is being given to approved service provider M/s SMS Water Grace BMW Pvt Ltd. After expansion waste generation shall exceed to 16.4 tonnes/annum and shall be given to the same service provider.

5. Release of pollutants 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	**During Construction phase:** DG set of 1x62.5 kVA shall be installed for construction purposes for which adequate stack height shall be provided. **During Operation Phase:** The only source of emission form combustion of fossil fuels will be from DG sets. One DG of 750 kVA has already been installed with stack height of 6 m above roof level. After expansion there will be two DG sets of 750 kVA.
5.2	Emissions from production processes	No	Not Applicable
5.3	Emissions from materials handling including storage or transport	Yes	Dust would be generated during construction and from the movement of transport vehicles. The effect will be restricted to construction phase only. Water sprinklers shall be used for dust suppression. Construction Material shall be stored under tarpaulin cover.
5.4	Emissions from construction activities including plant and equipment	Yes	RMC shall be used. Dust & emissions shall be generated during construction activities which shall be reduced by sprinkling of water in a specific time interval & timely maintenance schedule for machinery. Also,

			the machines shall be kept shut down during idle period.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	**During Construction phase:** During loading & unloading of construction material, dust will be generated for which water shall be sprinkled and tarpaulin cover will be provided over stored raw material to reduce dust emission. **During Operation Phase:** In-house STP of 600 KLD capacity has been provided to treat wastewater (common for Sri Balaji Action Hospital and Action Cancer Hospital). Proper ventilation has been provided in STP room to avoid odour.
5.6	Emissions from incineration of waste.	No	Not applicable
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris).	No	Not applicable
5.8	Emissions from any other sources.	No	Open burning of biomass/other material will be prohibited.

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 with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers.	Yes	**During Construction phase:** During construction, the equipment such as mixer machines, bulldozers, cranes, compactors will be used of highest standard and adhered to international standards. These standards itself will take care of noise pollution control/ vibration control and air emission control. Hence an insignificant impact due to construction machinery will be envisaged. Apart from this, the construction activities shall be restricted to daytime only.

			During Operation phase: Source of noise in the operational phase will be DG sets of capacities 2 x 750 kVA (Existing: 1x750 kVA). The existing DG set has been kept in acoustically enclosed room and the same shall be followed after expansion also.
6.2	From industrial or similar processes	No	Not applicable
6.3	From construction or demolition	Yes	Due to the various activities, there will be short-term noise impacts in the immediate vicinity of the project site. It will be restricted to day time only. It has been estimated that during the construction period the average noise level will be 70-75 dB (A) during peak construction hours. However, embankment shall be done to further prevent the noise pollution.
6.4	From blasting or piling	No	Not Applicable
6.5	From construction or operational traffic	Yes	Some amount of noise (70 – 75 dB (A)) will be generated from vehicular movement in construction and operational phase. Plantation around the boundary wall has been done to reduce noise from traffic.
6.6	From lighting or cooling systems	No	Not Applicable
6.7	From any other sources	No	None

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	Yes	As the proposed project is a hospital, chemicals shall be used which may be hazardous in nature. In the existing part of the hospital, the chemicals within the threshold limit are being stored properly After expansion, same shall be followed.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	Yes	In existing complex waste water of 47 KLD is being treated in STP of 600 KLD capacity and treated water is being re-used for gardening and HVAC cooling and the same shall be followed after expansion also. Lab waste is being disposed directly into sewer line but after expansion the same shall be treated in proposed ETP of 2 KLD capacity for treatment of the same. Hence there will be no risk of contamination of land or water from discharge of waste water/effluents.
7.3	By deposition of pollutants emitted to air into the land or into water	Yes	The only source of air emission will be DG sets and vehicular emissions. The DG sets adhering to CPCB standards will be installed with adequate stack height. The emission from DG sets will be dispersed in air & will not create any contamination to land or water. The source of pollutants emitted to land and water shall be waste water discharge of 74 KLD and solid waste of 62.7 tons/annum. Combined STP for both complexes of 600 KLD (based on MBBR Technology) has already been installed. After expansion, waste water of 74 KLD will be treated in STP of 600 KLD capacity. Treated water of 67 KLD from STP will be reused in flushing, gardening and DG & HVAC Cooling purposes. Waste water of 13 KLD from laboratory shall be treated in 15 KLD ETP and rest 12 KLD treated water from STP will be discharged to sewer line.
7.4	From any other sources	Yes	Risk of occurrence of disease from biomedical waste can be envisaged. Biomedical waste generation from hospital will be 16.4 tons/annum which shall be

			disposed as per Bio medical waste (management & handling) rules, 2016. Radioactive waste will be generated from the Oncology department which shall be disposed off in accordance with the Atomic Energy (Safe disposal of radioactive waste) rules of 1987 promulgated by the Indian Central Government Atomic Energy Act 1962.
7.5	Is there a risk of long-term build-up of pollutants in the environment from these sources?	No	None

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	Yes	The possible sources of accidents like explosions, spillages, fires etc. from storage, handling could be construction material, diesel, chemicals from laboratory, pharmaceutical wastes etc. All appropriate measures shall be taken care of during construction phase. Proper disaster management and fire-fighting system is installed in existing complex and the same shall be followed after expansion also.
8.2	From any other causes	Yes	**During Construction Phase** The possible sources of accidents can be electrical shocks, mechanical damages etc. To avoid accidental damage, all the labours shall be provided with suitable personal protective equipment (PPE) as required under the health & safety norms. Training and awareness about the safety norms shall be provided to all supervisors and labours involved in construction activity. **During Operation Phase**

			The possible sources of accidents in the hospital can be radiation leaks (from oncology department), mechanical accidents, chemical/biomedical hazards etc. In the already operational part of the complex, all the radioactive activity is being done in a sealed area and entry to the area is being strictly restricted. Radioactive Materials, Radiation Areas, shipping containers and vehicles have been properly marked. The same shall be followed after expansion as well.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	Yes	The area under study falls in Zone-IV, according to the Indian Standard Seismic Zoning Map. Suitable seismic coefficients in horizontal and vertical directions respectively have been adopted while designing the structure. The area is not prone to flood and landslide etc.

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 there of (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.: • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)	No	Not Applicable
	• Housing development	No	None
	• Extractive industries	No	None
	• Supply industries	No	None
	• Other	No	None
9.2	Lead to after-use of the site, which could have an impact on the environment	No	None

9.3	Set a precedent for later developments	Yes	Proper and Planned and eco-friendly development.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	No impact

III. Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Ancient Mosque (Babur's Period) Delhi fort Salimgarh Fort Wazir Pur-ki-Gumbad, Munirka 312 Baoli, Munirka Lahori Gate Tin Burji Wala Gumbad, Mommad Pur Village Munda Gumbad, Munirka	9.48 km SW 12.79 km SEE 12.96 km E 13.70 km SE 13.75 km SE 13.08 km E 14.03 km SEE 14.03 km SE
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	**Water sources or other water bodies** Yamuna River Najafgarh Drain Bhagwati Lake Western Yamuna Canal Nangloi Drain Sardar Patel Lake Bhalswa Lake **Forests** Pusa Hill Forest Central Ridge Reserve Forest Kamla Nehru Ridge	 11.80 Km E 1.27 Km SSE 1.00 Km SE 5.18 Km NE 3.32 Km W 5.71 Km NW 8.93 Km NE 7.25 Km SE 8.28 Km SE 9.53 Km E

3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Yamuna Biodiversity Park	11.81 km NE
4	Inland, coastal, marine or underground waters	Nil	Nil
5	State, National boundaries	Delhi- Uttar Pradesh State Boundary	15.25 Km NE
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	**Roads** Outer Ring Road NH-1 NH-10 **Railway Station** Shakurbasti Railway Station Patel Nagar Railway Station Sarai Rohilla Railway Station **Airport** IGI Airport	 1.66 Km W 7.40 km NE 0.30 km N 0.95 Km NE 4.62 Km SE 7.38 Km SEE 11.88 Km S
7	Defense installations	None	None
8	Densely populated or built-up area	Paschim Vihar	Area is situated in Paschim Vihar
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	**Hospital** B.K Memorial Hospital Sri Balaji Action Medical Institute **Schools** K.R. Mangalam School Eden Castel School Doon Public School **Places of worship** Shri Ganesh Mandir Shiv Temple Gauri Shankar Temple **Community Facilities** Bharti Post Office Post Office, Madipur BG-6 Post Office	 0.23 km SE 0.08 km SW 1.22 Km NW 1.04 Km SW 0.83 km SW 0.42 km NW 0.39 Km NE 0.20 km SSW 0.96 Km SW 0.95 Km SE 1.14 Km SSW

10	Areas containing important, high quality or scarce resources (Ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Ancient Mosque (Babur's Period) Delhi fort Salimgarh Fort Wazir Pur-ki-Gumbad, Munirka 312 Baoli, Munirka Lahori Gate Tin Burji Wala Gumbad, Mommad Pur Village Munda Gumbad, Munirka	9.48 km SW 12.79 km SEE 12.96 km E 13.70 km SE 13.75 km SE 13.08 km E 14.03 km SEE 14.03 km SE
11	Areas already subjected to pollution or environmental damage. (Those where existing legal environmental standards are exceeded)	Anand Parbat Industrial Area Wazirpur Industrial Area Naraina Industrial Area	5.76 Km SEE 5.27 Km NE 4.07 Km SE
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)	Zone IV	Area falls in seismic zone IV according to seismic zone map of India. No flooding in the area according to previous record

UNDERTAKING

"I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost".

For **Manav Sevarth Trust**

(Authorized Signatory)

Date: 10/01/2019

Place: New Delhi