

FORM 1**(I) Basic Information**

S. No.	Item	Details
1.	Name of the project/s	Proposed Group Housing for Sarv Kalyan CGHS on Plot No.6, Vishwas Nagar, New Delhi
2.	S. No. in the Schedule	S. No. 8 (a): Building and Construction
3.	Proposed capacity/ area/ length/ tonnage to be handled/ command area/ lease area/ number of wells to be drilled:	
	Type of project	Group Housing Project
	Plot area	Gross Plot Area: 7666.66 m ²
	Built-up area	28427.66 m ²
	Number of floors	2B+S+24
	Project Cost	Total Cost of Expansion: 56 Cr
4.	New/ Expansion/ Modernization	New
5.	Existing capacity/ area etc.	Nil
6.	Category of project i.e. 'A' or 'B'	Category '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 No.6, Vishwas Nagar, New Delhi
	Plot/ survey/ khasra no.	Land papers
	Village	-
	Tehsil	-
	District	East Delhi
	State	Delhi
10.	Nearest railway station/ airport along with distance in kms	New Delhi railway station: 7.50 km South West Anand Vihar railway station: 2.20 km South East Welcome Metro station: 2.05 km North West Krishna Nagar metro station: 0.47 km South West Karkardom Metro Station: 1.66 km South East Airport: IGI Airport, Delhi at 19.42 km South West
11.	Nearest town, city, district headquarters along with distance in kms	The project is located within Delhi
12.	Village panchayats, zilla parisad, municipal corporation, local body (complete postal addresses with telephone nos. to be given)	East Delhi Municipal Corporation (EDMC)
13.	Name of the applicant	Sarva Kalyan C G H S Ltd
14.	Registered address	224, Triveni Apartment Jhilmil Industrial Area Delhi 110095
15.	Address for correspondence:	224, Triveni Apartment Jhilmil Industrial Area Delhi 110095
	Name	Mr Atul Kumar Agarwal
	Designation (Owner/ partner/ CEO)	President
	Address	224, Triveni Apartment Jhilmil Industrial Area Delhi 110095
	Pin Code	110095

S. No.	Item	Details
	E-mail	sklayanco.ghsltd@gmail.com
	Telephone no.	011-43592522
	Fax no.	-
16.	Details of alternative sites examined, if any. Location of these sites should be shown on a topo sheet.	Not Applicable
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?	No No No
22.	Whether there is any government order/policy relevant/ relating to the site?	No
23.	Forest land involved (hectares)	Nil
24.	Whether there is any litigation pending against the project and/ or land in which the project is propose to be set up?	No
	(a) Name of the Court	Not Applicable
	(b) Case No.	Not Applicable
	(c) Orders/directions of the court, if any and its relevance with the proposed project.	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 landuse, land cover or topography including increase in intensity of land use (with respect to local landuse plan)	No	The proposed project is a group Housing Building on vacant land. The Land Use of the project is Residential.
1.2	Clearance of existing land, vegetation and buildings?	Yes	Project site is devoid of any vegetation. Therefore, clearance of vegetation is required.
1.3	Creation of new land uses?	No	The project site is earmarked for Residential development as per the local development plan and will be developed as per the local building bye laws. Hence, no new land use has been created.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Soil testing has been conducted during detailed engineering study.

S. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.5	Construction works?	Yes	All construction activities will be confined within the project premises; there will be no physical changes outside the project boundary.
1.6	Demolition works?	No	Site is vacant, so there is no need of demolition work required.
1.7	Temporary sites used for construction works or housing of construction workers?	No	The construction activities including storing of raw materials will be confined within the project site only. Temporary labour camps will be constructed for 224 Nos. construction labours.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Excavation for Construction of basement and foundation. Part of the excavated soil is being used in backfilling and development of building premises.
1.9	Underground works including mining or tunneling?	No	No underground works including mining/ tunneling was required except excavation of earth for the construction of foundation and basement
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	Since, it is a construction of residential building, no production / manufacturing process is involved.
1.14	Facilities for storage of goods or materials?	Yes	Construction materials will be stored at project site. Cement will be stored in covered space. Sand will be stacked under tarpaulin cover.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	<u>Solid Waste:</u> During operation phase, the solid waste generated from project will be 0.66 TPD which will be domestic in nature. Solid wastes generated will be segregated into biodegradable and non-biodegradable components and collected in separate bins. The biodegradable wastes will be composted in an on-site composting unit and the manure will be used for landscaping. The non-biodegradable/ recyclable wastes will be disposed at designated site through authorized vendors. <u>Liquid Effluent:</u> In operation phase, the sewage (80 kld) will be treated up to tertiary level in an on-site STP of 100 kld capacity and the treated sewage will be used for cooling, toilet flushing and horticulture and surplus 46 KLD treated water will be discharged in to public sewer with prior permission.
1.16	Facilities for long term housing of operational workers?	No	There is no facilities for long-term housing of operational workers.
1.17	New road, rail or sea traffic during construction or operation?	No	In construction stage some vehicles are being operated at the site for construction work and transport of construction materials. During operation traffic will increase to some extent. But there will be no new rail or sea route will be laid.

S. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.18	New road, rail, air water born or other transport infrastructure including new or altered routes and stations, ports, airports etc.?	No	There will be no new or altered routes are proposed in this project.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	There is no closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements.
1.20	New or diverted transmission lines or pipelines?	No	There is no transmission line or pipeline passing through the project site.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	There is no Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers involved.
1.22	Stream crossings?	No	There is no stream crossing from the project site.
1.23	Abstraction or transfers of water from ground or surface waters?	No	In operation stage, total water requirement will be 96 kld, out of which 70 kld will be fresh water met from the Delhi Jal Board (DJB), and the balance 26 kld will be met from recycle of treated wastewater from the on-site STP. No groundwater will be used.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	Surface drainage will not be affected.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Transport of personnel/ material during construction and operation phase are envisaged. Adequate parking space (326 ECS) will be provided for operational phase.
1.26	Long-term dismantling or decommissioning or restoration works?	No	There will be no long-term dismantling or decommissioning or restoration works.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	There will be no decommissioning.
1.28	Influx of people to an area in either temporarily or permanently?	Yes	During construction total 224 Nos. labours will be engaged. No Labour camp is proposed at the project site. During operational phase, 1060 Nos. will be residential + 127 floating.
1.29	Introduction of alien species?	No	There will be no introduction of alien species.
1.30	Loss of native species or genetic diversity?	No	There will be no loss of native species or genetic diversity.
1.31	Any other actions?	No	Not anticipated.

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	Project site was vacant land, earmarked for Residential development by the local development authority.
2.2	Water (expected source & competing users) unit: kld	Yes	In operation stage, total water requirement will be 96 kld, out of which 70 kld will be fresh water met from the municipal Supply, and the balance 26 kld will be met from recycle of treated wastewater from the on-site STP. No groundwater will be used.
2.3	Minerals (MT)	No	Since it is a building construction project, there will be no direct use of minerals.
2.4	Construction material-stone, aggregates, sand/ soil (expected source-MT)	Yes	Construction materials required: Source: Steel and cement will be procured by the contractor from authorized vendors. Sand & aggregate will be procured by the contractor from local material suppliers.
2.5	Forests and timber (source - MT)	No	No wood will be used.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Power requirement is 1025 kW that will be met from Grid supply of BSES Rajdhani Power Ltd. DG sets of total capacity 380 kVA will be provided as backup power supply during power failure. Ultra low sulphur diesel (ULSD) will be used as fuel for DG sets.
2.7	Any other natural resources (use appropriate standard units)	No	None

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 thereof (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	The proposed project is construction of residential building and hence, no storage of hazardous chemicals (as per MSIHC rules) will be done, except HSD required to run backup DG sets, for which the quantity stored will be below the threshold limit specified in the MSIHC rules. Necessary permission will be obtained from the Explosives Dept.
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 will be adopted in both construction and operational phase, which will restrict stagnation of water or accumulation of waste. This will effectively restrict the reproduction and growth of disease vectors.
3.3	Affect the welfare of people e.g. by changing living conditions?	No	Since it is a building project, no use, storage, transport, handling or production of any harmful materials is envisaged from the proposed project. Thus, no major adverse impacts on the human health/ environment are envisaged. Rather, the project will provide employment to people

S. No.	Information/ Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
			in the construction and operation phase. Thus, the project will have beneficial impacts.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Since it a building project, there will be people inside, and there will be no significant pollution. Therefore, there will be no effect on vulnerable people around e.g. patients, children, elderly etc.,
3.5	Any other causes	No	Not anticipated.

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	Yes	Excavation will be carried out foundation and construction. Part of the excavated soil will be used in backfilling and development of building premises and the excess earth will be disposed by the contractor to the site designated by local authority as per C&D Waste Rules, 2016.						
4.2	Municipal waste (domestic and or commercial wastes)	Yes	<div>Solid wastes to be generated in project will be of domestic municipal in nature. Composition & quantity of solid wastes during operation phase will be:</div> <table><tr><td>Biodegradable</td><td>0.40 TPD (Waste vegetables and foods etc.)</td></tr><tr><td>Non-biodegradable</td><td>0.26 TPD (Papers, cartons, thermocol, plastics etc.)</td></tr><tr><td>Total:</td><td>0.66 TPD</td></tr></table>	Biodegradable	0.40 TPD (Waste vegetables and foods etc.)	Non-biodegradable	0.26 TPD (Papers, cartons, thermocol, plastics etc.)	Total:	0.66 TPD
Biodegradable	0.40 TPD (Waste vegetables and foods etc.)								
Non-biodegradable	0.26 TPD (Papers, cartons, thermocol, plastics etc.)								
Total:	0.66 TPD								
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	<div>The only hazardous wastes in the project will be used /spent oil from backup DG sets, which is classified as Hazardous Waste Category 5.1.</div> <div>Used or spent lube oil (0.31 LPD) from backup DG sets will be carefully stored in HDPE drums in isolated covered facility. This waste oil will be disposed through authorized recyclers as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Suitable care will be taken so that spills/ leaks of waste oil from storage could be avoided.</div>						
4.4	Other industrial process wastes	No	In building project there will be no industrial waste.						
4.5	Surplus product	No	In building project there will be no product.						
4.6	Sewage sludge or other sludge from effluent treatment	Yes	Sludge generated from the STP (17 kg/day) will be dewatered and the dried sludge will be used as manure in horticulture.						
4.7	Construction or demolition wastes	Yes	C&D wastes comprising of building materials, debris and rubble resulting from construction, remodeling, repair and demolition of building will be segregated, stored separately within the premises and finally recycled and disposed to authorized dumping site or processing facilities through authorized vendors as per the C&D Waste Rules, 2016.						
4.8	Redundant machinery or equipment	No	Not anticipated.						
4.9	Contaminated soils or other materials	No	There will be no contamination to soils or other						

S. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
			materials.
4.10	Agricultural wastes	Yes	Horticultural and garden waste will be stored separately within the premises and disposed of as per the directions of the local body as per the Solid Waste Management Rules 2016.
4.11	Other solid wastes	Yes	E-waste (i.e. discarded electrical and electronic equipment including their components, consumables, spares etc.) will be stored in a separate room within the premises and finally disposed through authorized recycler or designated take back service provider as per the E-Waste (Management) Rules, 2016.

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	The proposed project does not envisage any major air pollution sources except operation of back-up DG sets during power failure and vehicular traffic.
5.2	Emissions from production processes	No	Not applicable for building construction project.
5.3	Emissions from materials handling including storage or transport	Yes	Dust may arise due to the materials handling during the construction phase which will be restricted to the construction phase and construction site only.
5.4	Emissions from construction activities including plant and equipment	Yes	This will be restricted to the construction phase and to the construction site only.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	Yes	Dust, which will be generated during construction, will be water sprinkled. Tarpaulin cover will be provided on stored raw material to reduce the dust emission.
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	Open burning of biomass/ other material will be avoided.
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	Source of noise in the operational phase will be from backup DG sets (which will be in operation only during power failure) and pumps & motors. All the machinery during construction and operation will be of reputed make and comply with standards w.r.t. air, noise and vibration. DGs will be installed in acoustically treated DG room.
6.2	From industrial or similar processes	No	Not applicable for building project.
6.3	From construction or demolition	Yes	Due to various construction activities, there will be short-term noise impacts in the immediate vicinity of

S. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
			the project site. The construction activities will include the following noise generating activities: • Concreting, mixing & operation of DG sets • Movement of heavy machines & vehicles
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	Some noise will be generated from vehicular movement in the construction and operational phase.
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	Yes	The only hazardous wastes in the project will be used / spent oil from backup DG sets (about 0.31 LPD). The spent oil will be carefully stored in HDPE drums under isolated storage, and periodically sold to authorized recyclers. All precautions will be taken to avoid spillage from storage.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	There will be no discharge of untreated sewage on water or land, as entire wastewater after treatment will be reused for toilet flushing and horticulture. Hence no adverse effect is envisaged.
7.3	By deposition of pollutants emitted to air into the land or into water	No	There will be no deposition of pollutants in to land and water because there will be no continuous emission source.
7.4	From any other sources	No	There is no other source of pollution.
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Emission from DG sets will be only during power failure. Therefore, there will be no long term built up of pollutants.

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 a construction project and does not involve major hazardous construction activity. No industrial or process activity is involved in this project. Hence, chances of explosions, spillages, fires are minimal. During construction, all construction workers will be provided with personal protective equipment (PPE) by the contractors as required under the health & safety norms. Training and awareness about the safety norms will be provided to all involved in construction activities. Suitable fire-fighting measures

			will be provided.
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)?	Yes	The study area falls in Zone-IV, as per the Indian Standard Seismic Zoning Map. Suitable seismic consideration will be adopted while designing the structures to mitigate the seismic impacts as per NBC/ IS Code. There is no chance 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 stimulated by the project which could have impact on the environment e.g.:	Yes	The proposed project will lead to development of the area by providing employment of the local people during construction and operation phase.
	• Supporting infrastructure (roads, power supply, waste or waste water treatment etc.)		The project will have positive impact on the ancillary infrastructure like roads, markets, public health, amenities, and communication facilities in the area.
	• Housing development	Yes	Project will provide good living condition.
	• Extractive industries	No	Not applicable
	• Supply industries	No	Not applicable
	• Other	No	Not applicable
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 developments	No	Not applicable
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	Not applicable

(III) Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km) from proposed project location boundary
1.	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Yes	Okhla Bird Sanctuary: 9.16 km S Central Ridge Forest: 10.82 km SW Hauz Khas Forest: 13.44 km SW Yamuna Biodiversity Park: 11.65 km NW Kamla Nehru Ridge: 7.80 km NW Restricted Forest: 6.39 km NW Restricted Forest: 5.14 km SW Garhi Medhu PF: 7.2 km NW
2	Areas which are important or sensitive for ecological reasons- Wetlands, water courses or other water bodies, coastal zone, biospheres, mountains, forests.	Yes	Ghazipur Drain : 0.48 km W Yamuna river: 3.19 km W Hindon river: 9.48 km E Najafgarh Drain: 9.2 km NW Canal: 5.7 km SE
3	Areas used by protected, important	Yes	Okhla Bird Sanctuary: 9.16 km S

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km) from proposed project location boundary
	or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration		Central Ridge Forest: 10.82 km SW Hauz Khas Forest: 13.44 km SW Yamuna Biodiversity Park: 11.65 km NW Kamla Nehru Ridge: 7.80 km NW Restricted Forest: 6.39 km NW Restricted Forest: 5.14 km SW Garhi Medhu PF: 7.2 km NW
4	Inland, coastal, marine or underground waters	No	Not located within 15 km of the proposed project location.
5	State, National boundaries	Yes	Delhi UP Border: 2.01 km E
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Yes	NH- 9: 4.41 km N NH-34: 11.97 km NE NH-44: 5.04 km SW NH-709B: 4.56 km N SH- 57: 1.69 km N
7	Defence installations	Yes	Army HQ: 10.43 km SW Hindon Airforce Station: 7.79 km NE
8	Densely populated or built-up area	Yes	The project site is located amid vacant and agricultural lands in outskirts of Faridabad city which is a developing area. The site is surrounded by thinly populated area.
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Yes	There are number of major hospitals, schools and places of worship and community facilities within 15 km.
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Yes	Ground water resources in New Delhi are depleting at very fast rate and are declared as scarce resource.
11	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	Yes	Nearest critically polluted areas are Noida industrial area and Okhla industrial area
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	The area under study falls in Zone-IV, according to the Indian Standard Seismic Zoning Map. Suitable seismic coefficients will be adopted as per NBC/ IS Code while designing the structures to mitigate the seismic impacts.

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 THE SARVA KALYAN C.G.H.S. LTD.

Date

Signature:

Place:

Atul Kumar Agarwal President

Signature of the Applicant with Name and Full Address
(Project Proponent/Authorized Signatory)

D-19/91, Patlaa Gang, Arya Nagar Apartment.
J.P. Extension, Delhi 110092