

**FORM – I**

**(I) Basic information**

1.	Name of the Project	<b>“GOLDEN DAYS”</b> <i>Development of Residential Apartment, Villaments and clubhouse</i>
2.	Sl. No. in the schedule	<i>Serial No.8 (a)</i>
3.	Proposed capacity/area/length/tonnage to be handles/command area /lease /area / number of wells to be drilled	<i>Total site area: 32,475.75 Sqmt (8A- 1G)</i> <i>Total built up area of the project is 86,980.06 Sqmt encompassing 485 Nos of residential units (384 Nos. of residential apartments, 101 Nos. of Villaments) and clubhouse -2Nos.</i>
4.	New/ <del>Expansion/Modernization</del>	<i>New</i>
5.	Existing capacity/area etc	<i>NA</i>
6.	Category of project i.e., ‘A’ or ‘B’	<i>‘B’</i>
7.	Does it attract the general condition? If yes, please specify	<i>No</i>
8.	Does it attract the specific condition? If yes, please specify	<i>No</i>
9.	Location	<i>Khatha No. 1287/1228/29/6 of Sy Nos. 29/6, 30/2A &amp; 30/2B of Kasavanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru</i>
a.	<del>Plot/Survey/Khata No.</del>	<i>Sy Nos. 29/6, 30/2A &amp; 30/2B</i>
b.	Village	<i>Kasavanahalli Village</i>
c.	Thesil	<i>Bengaluru East Taluk,</i>
d.	District	<i>Bengaluru.</i>
e.	State	<i>Karnataka.</i>
10.	Nearest Railway station/ Airport along with distance in KM.	<i>Railway Station – Carmelaram Railway Station, which is around 6.5 km from the project site and Bengaluru city Railway station, is around 18 km from the project site.</i> <i>Airport – Kempegowda International Airport, which is around 53km from project site.</i>
11.	Nearest Town , City, District, Head quarters along with distance in KM	<i>Bengaluru</i>
12.	Village Panchayath, Zilla Parishad, Municipal Corporation, Local body (Complete local address with Telephone Nos. to be given)	<i>Municipal Corporation – Bruhath Bengaluru Mahanagara Palike (BBMP), Address: Joint Commissioner, Mahadevpura Zone, White field main road, Bengaluru – 560 048, Ph No : 28512301</i>
13.	Name of the Applicant	<i>M/s. Golden Gate Projects &amp; Ventures LLP</i>

14.	Registered Address	<i>M/s. Golden Gate Projects &amp; Ventures LLP # 821, Kushal Arcade, 80 Feet Road, 8<sup>th</sup> Block, Kormangala, Bengaluru-560095</i>
15.	Address for Correspondence:	<i>M/s. Golden Gate Projects &amp; Ventures LLP # 821, Kushal Arcade, 80 Feet Road, 8<sup>th</sup> Block, Kormangala, Bengaluru-560095</i>
	Name	<i>Mr. Chandra Kumar N. S.</i>
	Designation (Owner/Partner/ CEO)	<i>VP-Authorized signatory</i>
	Address	<i>M/s. Golden Gate Projects &amp; Ventures LLP # 821, Kushal Arcade, 80 Feet Road, 8<sup>th</sup> Block, Kormangala, Bengaluru-560095</i>
	Pin code	<i>560 095</i>
	E-mail	<i>Chandra@ggventures.in</i>
	Telephone No.	<i>9845129822 / 90365 07116</i>
	Fax No.	<i>--</i>
16.	Details of alternative sites examined, if any. Location of these sites would be shown on a topo sheet	<i>No alternative sites were examined.</i>
17.	Interlinked Projects	<i>No interlinked projects</i>
18.	Whether separate application of interlinked project has been submitted?	<i>No</i>
19.	If Yes, date of submission	<i>NA</i>
20.	If No, reason	<i>Proposed project is an individual project.</i>
21.	Whether the proposal involves approval / Clearance under : if yes, Details of the same and their status to be given The Forest (conservation) Act 1980? The wild life (protection) Act 1972? The C R Z Notification, 1991?	<i>This proposal does not require approval / clearance under Forest Act, Wild life Act, &amp; C R Z Notification.</i>
22.	Whether there is any Government order / Policy relevant / relating to the site?	<i>No</i>
23.	Forest land involved (Hectares)	<i>No forest land involved.</i>
24.	Whether there is any litigation pending against the project and / or 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.	<i>No</i>

**(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.)**

<b>Sl. No.</b>	<b>Information/checklist confirmation</b>	<b>Yes/ No</b>	<b>Details there of (with approximate quantities/rates, wherever possible) with sources of information data</b>
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	<i>As per the Revised Master Plan of BDA-2015, the proposed project site is designated for Industrial Hi-tech zone and also the land has been converted for residential purposes. CDP and land conversions are enclosed in <b>Annexure – 1(a) Page No.27</b></i>
1.2	Clearance of existing land, vegetation and buildings?	Yes	<i>The proposed project site is a vacant land. Photos are enclosed in <b>Annexure 1(b) Page No.31</b></i>
1.3	Creation of new land uses?	No	--
1.4	Pre-construction investigations e.g. bore holes, soil testing?	Yes	<i>A pre-construction investigation of soil has been carried out at the project site. <b>Soil report is enclosed in Annexure 1(c) Page No. 32</b></i>
1.5	Construction work?	No	--
1.6	Demolition work?	No	--
1.7	Temporary sites used for construction workers or housing of construction workers?	No	<i>Labor requirement for the proposed project is about 250 Nos/day. The construction laborers will be sourced from nearby villages; hence there is no provision of temporary housing for construction workers.</i>
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	<i>Residential building comprising of 485 Nos of residential units (384 Nos. of residential apartments, 101 Nos. of Villaments) in 7 Towers containing 18 Blocks and 2 nos of clubhouse. Tower A, B, C &amp; D are sprawled across B+G+12UF, Tower E, F &amp; G are sprawled across G+5UF. Club houses 1 &amp; 2 are sprawled across G+4UF and G+3UF respectively. Hence the project involves excavation, cut and fill for the construction of basement and above ground buildings and landscaping.</i>
1.9	Underground works including mining or tunneling?	No	--
1.10	Reclamation works?	No	--

1.11	Dredging?	No	--
1.12	Offshore structures?	No	--
1.13	Production and manufacturing processes?	No	--
1.14	Facilities for storage of goods or materials?	Yes	<p><i>The materials required for the purpose of construction during the construction phase are stored within the project site and the details of these materials are enclosed in <b>Annexure – 2(b) Page No. 43.</b></i></p> <p><i>During the operational phase, HSD lube oil &amp; waste oil from the DG sets will be stored in leak proof containers on impervious floor in a designated place within the site premises.</i></p>
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	<p><b><u>During construction phase:</u></b>  <i>During construction phase, the domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to BBMP and generated domestic wastewater is proposed to be collected in collection tank &amp; will be lifted to BWSSB treatment plant for further treatment.</i></p> <p><b><u>During operation phase:</u></b>  <i>During operation phase, the solid waste will be collected by door to door collection; segregation of organic &amp; recyclable wastes will be done. The segregated organic wastes will be further processed in organic waste converter and the recyclable wastes will be handed over to authorized waste recyclers. ; e-waste &amp; hazardous waste will be collected separately &amp; handed over to authorized e-waste/ hazardous waste recyclers for further processing.</i>  <i>The domestic liquid effluents will be treated in a Sewage treatment plant. Details of treatment facilities are as in <b>Annexure – 1(e) Page No. 34-37.</b></i></p>
1.16	Facilities for long term housing of operational workers?	No	<i>As local people will be hired for the routine maintenance, no permanent facilities are proposed.</i>
1.17	New road, rail or sea traffic during construction or operation?	No	--
1.18	New road, rail, air waterborne or other	No	--

	transport infrastructure including new or altered routes and stations, ports, airports etc?		
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	Yes	<i>Traffic pattern in the approach road; during construction and operation phase would change. Traffic Study report is enclosed as Annexure – 1(f) Page No. 38.</i>
1.20	New or diverted transmission lines or pipelines?	No	<i>Electric power will be supplied by BESCO from the existing transmission line. Water for operation phase shall be sourced from BWSSB.</i>
1.21	Impoundment, damming, culver ting, realignment or other changes to the hydrology or watercourses or aquifers?	No	--
1.22	Stream crossings?	No	--
1.23	Abstraction or transfers of water from ground or surface waters?	No	<i>There is no abstraction or transfers of water from ground or surface waters. The construction water requirement will be sourced from tertiary treated STP water from BWSSB; domestic water for labours will be met by external suppliers. And water during operation phase shall be sourced from BWSSB.</i>
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	<i>Project site doesn't receive / intercept storm water from the surroundings. Runoff from the project site will be utilized for ground water recharge through recharge pits within the site; excess runoff will be routed into the external storm water drain.</i>
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	<i>Raw materials for construction will be transported by trucks and the trips are scheduled only during wee hours.</i>
1.26	Long-term dismantling or decommissioning or restoration works?	No	--
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	--
1.28	Influx of people to an area either temporary or permanently?	Yes	<i>There will be a temporary influx of construction labourers, and this will be only for a short period until the completion of the construction work. The proposed project is a development of Residential Apartment, Villaments and</i>

			<i>club house. During operation phase, there will be a permanent influx of about 2,425 Nos of people to the proposed project.</i>
1.29	Introduction of alien species?	No	--
1.30	Loss of native species or genetic diversity?	No	--
1.31	Any other actions?	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):**

Sl. No.	Information/checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with sources of information data
2.1	Land especially underdeveloped or agricultural land (ha)	No	<i>As per the Revised Master Plan of BDA-2015, the proposed project site is designated for Industrial Hi-tech zone and also the land has been converted for residential purposes. CDP and land conversions are enclosed in <b>Annexure – 1(a) Page No.27-31</b></i>
2.2	Water (expected source & competing users) unit: KLD	Yes	<b><u>Construction Phase:</u></b> <i>Construction water requirement of 33KLD will be sourced from tertiary treated STP water from BWSSB and Domestic water amounting to 7.5 KLD will be met by external tanker water suppliers.</i> <b><u>Operational Phase:</u></b> <i>Total net fresh water demand of 222 KLD will be met by BWSSB. <b>Annexure – 2(a), Page No.34-37</b></i>
2.3	Minerals(MT)	No	--
2.4	Construction materials - stone, aggregates and soil (expected source-MT)	Yes	<i>Construction materials and its quantity are enumerated in <b>Annexure – 2(b) Page No. 43</b></i>
2.5	Forests and timber (source-MT)	No	--
2.6	Energy including electricity and fuels (source, competing users) unit: fuel(MT),energy(MW)	Yes	<b><u>Construction Phase:</u></b> <i>DG - 125 kVA Fuel for DG – 26.19 l/hr</i> <b><u>Operational Phase:</u></b> <i>Electricity – 2,523 kW. Transformers – 500kVA 6Nos, DG sets -250 kVA 2Nos &amp; 325kVA 4Nos. Fuel required for DG sets – 377.14 l/hr</i>
2.7	Any other natural resources (use appropriate standard units)	No	--

**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.**

Sl. No.	Information/checklist confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with sources of information data
3.1	Use of substances or materials which are hazardous (as per MSIHC rules) to human health or environment (flora, fauna, and water supplies)	Yes	<p><i>Diesel &amp; lube oil to be used for DG sets during power failure is stored in leak proof containers on impervious floors in the designated places within the site. The waste oil shall also be collected, stored and handed over to authorized waste oil recyclers.</i></p> <p><b><u>Construction Phase</u></b>  <i>Diesel Consumption: 26.19 l/running hr of DG.  Waste Oil Generation: 0.06 l/running Hr of DG.</i></p> <p><b><u>Operation Phase</u></b>  <i>Diesel Consumption: 377.14 l/ Running Hr of DG.  Waste Oil Generation: 0.875l/ Running Hr of DG.</i></p>
3.2	Changes in occurrence of disease or affected disease vector (e.g. insect or water borne diseases)	No	--
3.3	Affect the welfare of people e.g. by changing living conditions?	No	--
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	No	--
3.5	Any other causes	No	--

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

Sl. No.	Information/checklist confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with sources of information data
4.1	Spoil, overburden or mine wastes	No	--
4.2	Municipal waste (domestic and or commercial wastes)	Yes	<p><b><u>Construction Phase:</u></b>  <i>Project proponents are not providing any labour colony, so there would be less domestic solid waste generation during construction phase, which will be handed over to BBMP.</i></p>

			<b><u>Operation Phase:</u></b> <i>Total Solid waste generation during operation phase will be about 1268 kg/day out of which 761 kg/day (60%) is biodegradable wastes; which will be processed in organic waste converter and 507 kg/day (40%) is recyclable wastes will be handed over to waste recyclers for further processing.</i>
4.3	Hazardous wastes (as per hazardous waste management rules)	Yes	<i>Waste oil from DG sets to the amount of 0.875 l/running hr (during operation) of DG, which will be given to KSPCB, designated waste oil recyclers.</i>
4.4	Other industrial process wastes	No	--
4.5	Surplus product	No	--
4.6	Sewage sludge or other sludge from effluent treatment	Yes	<i>Sludge from STP amounts to 32 kg/day will be used as manure for the landscape.</i>
4.7	Construction or demolition wastes	Yes	<i>Construction debris amounting to 87 m<sup>3</sup> and same will be used for roads and pavement formation.</i>
4.8	Redundant machinery or equipment	No	--
4.9	Contaminated soil or other materials	No	--
4.10	Agricultural wastes	No	<i>The wastes from Garden Pruning and landscaping area such as dead leaves etc. shall be reused within the site for soil conditioning and manure.</i>
4.11	Other solid wastes	No	--

### 5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/Hr)

Sl. No.	Information/checklist confirmation	Yes /No	Details there of (with approximate quantities/rates, wherever possible) with sources of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources.	Yes	<i>There will be emissions from the combustion of HSD by the DG Sets during power failure. The estimated emissions from DG sets are in <b>Annexure – 5(a) Page No.43</b></i>
5.2	Emissions from production processes	No	--
5.3	Emissions from material handling including storage or transport.	Yes	<i>During construction, there will be fugitive dust emissions during material handling including storage &amp; transportation of construction materials. Suitable handling measures will be taken in order to avoid the emissions.</i>
5.4	Emissions from construction activities including plant and equipment.	Yes	<i>There will be fugitive dust emissions from transportation of raw materials during</i>



			<i>the construction process. Construction process may also comprise emissions from concrete mixers, dozers, diesel pumps etc during construction. These equipments will be maintained properly to have minimum impact. Quantities of emissions are enumerated <b>Annexure-5(b) Page No.44.</b></i>
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	Yes	<i>There will be dust emission during construction operation which is controlled by water sprinkling and by erecting barricades around the site. Sewage treatment plant will be well maintained to ensure aerobic conditions. Solid wastes are handled using closed containers to avoid odor nuisance.</i>
5.6	Emissions from incineration of waste	No	--
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	--
5.8	Emissions from any other sources	No	--

**6. Generation of noise and vibration and emissions of light and heat:**

<b>Sl. No.</b>	<b>Information/checklist confirmation</b>	<b>Yes /No</b>	<b>Details there of (with approximate quantities/rates, wherever possible) with sources of information data</b>
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	<i>DG sets are the only noisy machineries employed in the project, which will be located in the designated place and these will be housed inside the acoustic enclosures.</i>
6.2	From industrial or similar processes	No	--
6.3	From construction or demolition	Yes	<i>Construction works will be taken up only during day time to avoid the noise during night time. Barricades and compound wall will be provided around the site to partially curtail the noise.</i>
6.4	From blasting or piling	No	<i>No Blasting or piling operations are envisaged.</i>
6.5	From construction or operational traffic	Yes	<i>There will be noise generation due to both construction and operational traffic.</i>
6.6	From lighting or cooling systems	No	<i>No Cooling systems are proposed in the project.</i>
6.7	From any other sources	No	--

**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:**

<b>Sl. No.</b>	<b>Information/checklist confirmation</b>	<b>Yes/ No</b>	<b>Details there of (with approximate quantities/rates, wherever possible) with sources of information data</b>
7.1	From handling, storage, use or spillage of hazardous materials.	No	<i>The diesel, lube oil and spent oil are stored in leak proof containers on impervious floor to avoid any potential hazard.</i>
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	<i>Sewage generated within the residential units will be treated up to applicable standards before using it for secondary purposes like flushing, and for gardening.</i>
7.3	By deposition pollutants emitted to air into the land or into water	No	--
7.4	From any other sources	No	--
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	--

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

<b>Sl. No.</b>	<b>Information/checklist confirmation</b>	<b>Yes/ No</b>	<b>Details there of (with approximate quantities/rates, wherever possible) with sources of information data</b>
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances.	Yes	<i>Storage of HSD, fresh and used lube oil are prone to dangers. Care is taken that these are stored in closed tanks/containers on impervious floor kept in a designated place, which is away from any possible sources of ignition.</i>
8.2	From any other causes	No	--
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	<i>There had been no such incidents of flooding or cloudbursts in the region. The region is situated in Seismic Zone-II and hence there is a rare occurrence of earthquakes.</i>

**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**

<b>Sl. No.</b>	<b>Information/checklist confirmation</b>	<b>Yes /No</b>	<b>Details there of (with approximate quantities/rates, wherever possible) with sources of information data</b>
9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project	Yes	<i>The proposed residential project is coming up in a developing locality of Bengaluru which will enjoy all the</i>

	which could have impact on the environment e.g.: -Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) -Housing development -Extractive industries -Supply industries & -other		<i>necessary supporting facilities &amp; improves the Housing development in the locality. Hence the project would be considered as a positive impact on infrastructure which will lead to an increased employment.</i>
9.2	Lead to after-use of the site, which could have an impact on the environment.	No	--
9.3	Set a precedent for later developments.	Yes	<i>The surrounding area has already been in demand as a prime residential locality with many similar projects. Many more projects could come up.</i>
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	<i>This project, along with many such developments in the surrounding area is likely to exert more loads on the resources such as water and electricity.</i>

#### **Environmental sensitivity**

<b>Sl. No.</b>	<b>Areas</b>	<b>Name/identity</b>	<b>Aerial distance (within 15 Km) proposed project location boundary</b>
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	No	--
2.	Areas which are important or sensitive for ecological reasons- wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	No	--
3.	Areas used by protected, important or sensitive species of flora and fauna for breeding, nesting, foraging, resting, over wintering, migration	No	--
4.	Inland, coastal, marine or underground waters	No	--
5.	State, national boundaries	No	--
6.	Routes or facilities used by the public for access to recreation or other tourists, pilgrims areas	No	--
7.	Defense installations	No	--

8.	Densely populated or built up area	Yes	<i>Kasavanahalli, Kaikondrahalli, Halanayakanahalli and HSR Layout are densely populated areas</i>
9.	Areas occupied by sensitive man-made land uses ( <i>hospitals, schools, places of worship, community facilities</i> )	<i>BRS Global School</i>	<i>0.32 km from the project site</i>
		<i>Zee School</i>	<i>0.11 km from the project site</i>
		<i>Matha Amruthamai College</i>	<i>0.82 km from the project site</i>
		<i>Raksha Orthopaedic &amp; Multi speciality center</i>	<i>0.19 km from the project site</i>
		<i>State Bank of India</i>	<i>0.47 km from the project site</i>
		<i>Nuk Library &amp; Activity Centre</i>	<i>0.31 km from the project site</i>
		<i>St Norbert Church</i>	<i>0.84 km from the project site</i>
10.	Areas containing important, high quality or scarce resources ( <i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i> )	No	-
11.	Areas already subjected to pollution or environmental damage ( <i>those where existing legal environmental standards are exceeded</i> )	Yes	<i>Bengaluru city has been witnessing a drastic increase in air pollutant and groundwater contamination, which is in marginal levels.</i>
12.	Areas susceptible to natural hazard which could cause the project to present environmental problems ( <i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i> )	No	<i>The project site comes under seismic zone-II, which is classified as the low damage risk zone. Hence project site is less susceptible to natural hazards.</i>

**(IV). Proposed terms of reference for EIA studies.**

NA