

FORM 1

I. Basic information

Sl.	Item	Details
1.	Name of the project/s	Proposed “Ordinary Soil Excavation Project” at Mauza- Janjira Ismailpur, Block- Hajipur, District- Vaishali, Bihar (Lease Area: 1.47 Ha.)
2.	S.No. In the schedule	1(a)
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled	37447 tonne or 24475 cum meter for 1.47 Ha.
4.	New/Expansion/Modernization	New
5.	Existing Capacity/Area etc.	1.47 Ha.
6.	Category of Project i.e. ‘A’ or ‘B’	B2 (Ordinary clay mining)
7.	Does it attract the general condition? If yes, please specify.	Not Applicable
8.	Does it attract the specific condition? If yes, please specify.	No
9.	Location	Latitude : 25°46'16.50"N to 25°46'14.46"N Longitude : 85°11'11.04"E to 85°11'11.02"E
	Plot/Survey/Khasra No.	Mauza- Janjira Ismailpur, Block- Hajipur, District- Vaishali, Bihar Thana No.- . Thana No.- 32. Khata No.- 60 & 275 Khasra No- 20 & 21
	Tehsil	Hazipur
	District	Vaishali
	State	Bihar
10.	Nearest railway station/airport along with distance in kms.	Nearest Railway Station: Haraili Fatehpur- Approx. 3.0 km in West Nearest Airport: Patna Airport -22.0 Km SW.
11.	Nearest town, city, district headquarters along with distance in kms.	Nearest Town: Hazipur – 9.0 Km in South
12.	Village Panchayats, Zilla Parishad, Municipal corporation, Local body (complete postal addresses with telephone nos. to be given)	Block- Hajipur
13.	Name of the applicant	M/s D. Kumar Construction Prop- Mr. Dhananjay Kumar

Sl.	Item	Details
14.	Registered address	M/s D. Kumar Construction Prop- Mr. Dhananjay Kumar S/o Sukho Singh At- Kasaha, P.O.- Simaria Ghat, Block-Barauni, Begusarai, Bihar-851126
15.	Address for correspondence	
	Name	M/s D. Kumar Construction Prop- Mr. Dhananjay Kumar
	Designation (Owner/Partner/CEO)	Owner
	Address	M/s D. Kumar Construction Prop- Mr. Dhananjay Kumar
	Pin Code	851126
	E-mail	-
	Telephone No.	9905240436
	Fax no.	-
16.	Details of Alternative sites examined, if any. Location of these sites should be shown on a topo sheet.	None
17.	Interlinked projects	None
18.	Whether separate application of interlinked project has been submitted?	NA
19.	If yes, date of submission	NA
20.	If no, reason	NA
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, The proposed mining area does not attract any approval/clearances as specified.
22.	Whether there is any Government order/Policy relevant/relating to the site?	No
23.	Forest land involved (hectares)	There is no forest land (Revenue / Reserve / Protected Forest) in the mining applied area.

Sl.	Item	Details
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.	No litigation pending against the project.

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	Land will be used for mining of soil to be used as leveling and filling material commercially. Mining will be carried out scientifically; it does not involve any permanent change in land use, land cover or. Topography including increase in intensity of land use (with respect to local land use plan) of the lease hold area. Only temporary changes will be foreseen due to mining operations.
1.2	Clearance of existing land, vegetation and buildings.	No	There are no trees or existing structures on the proposed mining site. Hence no clearance is required.
1.3	Creation of new land uses?	No	The land will be use for agriculture purpose after leveling by excavation work.
1.4	Preconstruction investigations e.g. bore holes, soil testing?	No	No pre-construction investigations are required for the proposed soil mining project since existence of soil has been assessed on the basis of soil outcrop and presence of soil in surrounding areas.
1.5	Construction works?	No	It is a mining site and hence no construction work will be taken up within the lease area. However, a temporary rest shelter will be constructed outside lease area.
1.6	Demolition works?	No	No demolition activities are proposed.

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.7	Temporary sites used for construction works or housing of construction workers?	No	Mining will be confined in Non- monsoon season at day time only, and temporary laborers from local area will be hired, thus no housing of construction workers is required.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	No civil work is required in the proposed mine area.
1.9	Underground tunneling? works including mining or	No	Proposed mining activity will be done in open cast mining method. No underground works are proposed.
1.10	Reclamation works?	Yes	Land will be reclaimed at the end of mining period with proper mine closure plan .
1.11	Dredging?	No	No dredging will be involved.
1.12	Offshore structures?	No	No offshore structure will be involved.
1.13	Production and manufacturing processes?	No	The collection of minor mineral shall be done Semi mechanized with the help of hand tools & machinery only.
1.14	Facilities for storage of goods or materials?	No	No Facilities for storage of goods is required. The excavated mineral will be stacked near the mine site and transported by Trucks/dumpers to the end users.
1.15	Facilities for treatment of disposal of solid waste or liquid effluents?	No	There would be no construction for laborers inhabitation at site thus very less generation of solid waste is anticipated. However, provision of dustbin will be done at site for domestic waste collection.
1.16	Facilities for long term housing of operational Workers?	No	Mining activities are confined to day time only, thus do not involve long term housing of operational workers.
1.17	New road, rail or sea traffic during construction or operation?	No	No new road or rail required externally. Existing network will be used.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Existing facilities are sufficient. No new road/rail will be required.
1.19 *	Closure or diversion of existing transport routes or	No	There is no closure or diversion of existing routes or infrastructure for the proposed

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
	infrastructure leading to changes in traffic movements?		project.
1.20	New or diverted transmission lines or pipelines?	No	There are no transmission lines or pipeline passing through the project area.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	Not envisaged (No river or big nalla lies in the applied area).The mining activities will be confined to above the aquifer level.
1.22	Stream crossings?	No	There is no stream crossing in the mine applied area.
1.23	Abstraction or transfers of water from ground or surface waters?	No	The water requirement of 3.5 KLD for the operational workers, dust suppression and for green belt development, will be made available at site by private water tankers. It has been proposed that not more than 13 local labors will be hired from local villages.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	No changes in water bodies and land surface are anticipated since there is no surface drainage existing within mine applied area.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Staffs are local and mined minerals will be transported by tractor to the filling and levelling site.
1.26	Long-term dismantling or decommissioning or restoration works?	No	No dismantling or decommissioning work is proposed.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Decommissioning of the mine will be done as per approved mine closure plan. Reclamation of pit will be a concurrent activity
1.28	Influx of people to an area in either temporarily or permanently?	Yes	It has been proposed that not more than 13 labours will be employed locally from nearby villages. The influx of the people will be temporary and positive (in terms of employment).
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	The land is barren land having patches of grass and shrub cover. However, as a part of green belt development plan species that are suitable to that condition shall be planted.

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.31	Any other actions?	No	No other actions would be involved for the excavation of the soil.

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	Agricultural Land Land Ownership: Private Land
2.2	Water (expected source & competing users) unit:	Yes	The water requirement of 3.5 KLD for the operational workers, dust suppression and for green belt development, will be made available at site by private water tankers.
2.3	Minerals (MT)	No	No need of minerals for construction or operation of the project.
2.4	Construction material – stone aggregates, and / soil (expected source – MT)	No	Due to the mining or non-construction project, so there is no need to require any type of construction materials.
2.5	Forests and timber (source MT)	No	No forest and timber products involved in the proposed project.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	No	Since mining activity will be carried out in day time only, and no housing facility for laborers is proposed. Thus no electricity or any fuel for energy is required.
2.7	Any other natural resources (use appropriate standard units)	No	No other natural resources will be used.

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	This project operation will not involve use of any materials, hazardous to human health or environment.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne	No	No effect envisaged.

	diseases)		
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	The proposed project will generate employment opportunities to the nearby local people, thus will have short term and positive impact on Socio – Economic development.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	The project site is located away from the habitated where vulnerable groups of people may be located. This project will not affect the vulnerable groups of people.
3.5	Any other causes	No	There will be no effect due to other causes.

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	The fertile top soil (Quantity-2205 cum., source-Approved Mine Plan) will be preserved temporarily by dumping and then it will be spread concurrently over the excavated part of the land back filling and grass cultivation will be done on it top soil area.
4.2	Municipal Waste (domestic and or commercial wastes)	No	Mining activities will be confined to day time only and do not involve long term housing of the operational workers at site; hence no Municipal Waste is expected to be generated.
4.3*	Hazardous wastes (as per Hazardous Waste Management Rules)	No	It will be ensured that the vehicle used for transportation is in good condition and have pollution under control certificate so that no oil leaks will take place during transportation. No Hazardous waste (as per Hazardous Waste Management Rules) will be generated.
4.4	Other industrial process wastes	No	No industrial process is involved.
4.5	Surplus product	No	The entire mined out product will be sold to the consumer.
4.6	Sewage sludge or other sludge from effluent treatment	No	No effluent generation or treatment.

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.7	Construction or demolition wastes	No	No construction or demolition work involved.
4.8	Redundant machinery or equipment	No	Use of mining machineries not in this stage.
4.9	Contaminated soils or other materials	No	No contamination of soil or other material will be involved.
4.10	Agricultural wastes	No	There is no agricultural waste involved.
4.11	Other solid wastes	No	No other solid waste is generated.

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	It is a simple opencast mining of ordinary earth mining which will be used for filling and levelling purpose which will be transported by trucks and tractor trolleys to the filling site.
5.2	Emissions from production processes	Yes	Dust will be generated during digging and loading. Dust suppression will be done by water sprinkling and plantation to control dust pollution.
5.3	Emissions from materials handling including storage or transport	Yes	There may be few emissions i.e. dust during excavation and vehicular emissions during transportation of cast soil.
5.4	Emissions from construction activities including plant and equipment	No	Temporary construction works like rest shelters will be done dust generated from this will be negligible. Dust suppression will be done.
5.5	Dust or odours from handling of materials, including construction materials sewage and waste	Yes	Dust will be generated during digging and loading. Dust suppression will be done by sprinkling of water.
5.6	Emissions from incineration of waste	No	No such waste will be generated, which needs to be incinerated.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	No waste of any kind will be burnt in the open air.
5.8	Emissions from any other sources	No	There will be no emissions from any other sources.

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 ventilation plant, crushers e.g. engines,	Yes	Noise will be generated due to the use of machinery and from the transport vehicles. Proper protective equipment will be provided to the workers. Minimum use of horns will be done. Proper maintenance of machinery/equipment will be done.
6.2	From industrial or similar processes	No	There will not be any industrial process involved.
6.3	From construction or demolition	No	No construction or demolition work is proposed.
6.4	From blasting or piling	No	No blasting and piling is proposed.
6.5	From construction or operational traffic	No	No construction or operational traffic would be generated.
6.6	From lighting or cooling systems	No	Mining will be carried during day time and in open area. Thus no lighting and cooling systems will be required.
6.7	From any other sources	No	There will be no generation of noise and vibration from any other sources.

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, hazardous materials use or Spillage of hazardous materials	No	There will be no handling, storage, use or spillage of hazardous materials.
7.2	From discharge of sewage or other effluents water or the land (expected mode and place of discharge) to	No	No effluent and sewage will be generated from the proposed project operations.
7.3	By deposition of pollutants emitted to air into the land or into water	No	Adequate measures to suppress dust will be taken. Dust will not be allowed to become airborne. Water shall be sprinkled on haul road to suppress fugitive dust emissions.

7.4	From any other sources	No	There is no other source from which risk of contamination is anticipated.
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	No major pollutant released during operations. Proper mitigative measures taken.

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	Spillage of fuel, used in Trucks may occur, this will be avoided taking due precaution at the time of mining.
8.2	From any other causes	No	There is no other cause of risk of accidents during construction or operation of the project.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	No significant impact is envisaged during natural disaster as the area is open and easily approachable by roads. Also it is an open cast mining limited to a small depth of 2m. The project area located in earthquake zone IV. There is no danger of flooding or earthquake.

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.:		
i	Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)	Yes	The material mined from the project will support construction project including infrastructure project.
ii	Housing development	Yes	As above.

iii	Extractive industries	No	No extractive industries will be created within the applied area.
iv	Supply industries	No	No supply industries will be created within the applied area.
v	Other	No	NA
9.2	Lead to after-use of the site, which could have an impact on the environment	Yes	During mine closure, it is proposed that grass cultivation will be done on top soil backfilled area. The site will not be used for any other purpose which will have any adverse impact on the environment.
9.3	Set a precedent for later developments	Yes	A better after use scenario, which is likely to increase aesthetic beauty of the area by grass cultivation.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	During mine closure, it is proposed that grass cultivation will be done on top soil backfilled area.

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	No	No Protected Areas as notified under wildlife (Protection) Act, 1972 is located in whole or in part within the 15km boundary of project site.
2.	Areas which are important or sensitive for ecological reasons -Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Gandak river	Approx. 1.0 km in west.
3.	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	No protected, important or sensitive species of flora and fauna were found.
4.	Inland, coastal, marine or underground waters	None	No such lands found.
5.	State, National boundaries	None	No Interstate or National

S.No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
			boundaries lie within the area.
6.	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	NH 139W Haraili Fatehpur Patna Airport .	Approx. 350 m in East Approx. 3.0 km in West Approx. 22.0 Km in SW
7.	Defense installations	None	No defense installations were found.
8.	Densely populated or built-up area	Harauli Fatehpur	Approx. 600 m in East.
9.	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Hospital Hazipur Primary Health Centre, Minapur School Aawasiya Saraswati Shishu Mandir Worship Place Jagdamba Mandir Harauli Fatehpur	Approx. 10.0 km in South Approx. 500 m in NE. Approx. 500 m in SE.
10.	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Gandak River	Approx. 1.0 km in West
11.	Areas already subjected to pollution or environmental damage. (Those where existing legal environmental standards are exceeded).	None	No such areas identified.
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)	As the site comes under seismic As the site comes under seismic zone IV according to Indian Standard Seismic Zone. Neither any adverse impact of natural hazards have been noted so far at the	None

S.No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
		site nor it is anticipated	

“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 art of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

Place:

Date:

(Authorized Signatory)
M/s D. Kumar Construction
Prop- Mr. Dhananjay Kumar
S/o Sukho Singh
At- Kasaha, P.O.- Simaria Ghat,
Block-Barauni, Begusarai, Bihar-851126

Note:

1. The projects involving clearance under coastal Regulation Zone Notification, 1991 shall submit with the application a C.R Z map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z Notification, 1991 for the activities to be located in the CRZ.

2. The projects to be located within 10 km or the National parks, Sanctuaries, Biosphere Reserves, Migratory corridors of wild Animals, the project proponent shall submit the map duly authenticated by chief wildlife warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden' thereon (at the Stage of EC)."

3. All correspondence with the Ministry of Environment & Forests including submission of application for TOR/Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent shall be made by

the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project."