

**H7 9APPENDIX I**  
**(See Paragraph-6)**  
**FORM 1**

**(I) Basic Information**

Sl. No.	Item	Details
1.	Name of the Project/s	Bichhakhandi Black Stone Quarry No-8(Cluster Serial No.-4E/15)
2.	S. No in the schedule	
3.	Proposed capacity / area /length/tonnage to be handled /command area /lease area/number of wells to be drilled	The Proposed capacity of Road Metal to be extracted is 12646 Cum Per annum.
4.	New /Expansion /Modernization	New
5.	Existing Capacity / Area etc. *	N/A
6.	Category of project i.e. 'A' or 'B'	B
7.	Does it attract the general condition? If yes, please specify.	No
8.	Does it attract the specific condition? If yes, please specify.	No
9.	Location	
	Plot/Survey/Khasra No.	Khata No.-389, Plot No.-1815(P)
	Village	Bichhakhandi
	Tehasil	Dharmasala
	District	Jajpur
	State	Odisha
10	Nearest railway station/airport along with distance in kms.	Jenapur Railway Stn. Is 7.63 km, & Bhubaneswar Air port is about 68.02 kms. from the Project Site.(Aerial Distance)
11	Nearest Town, city, District, Headquarters along with distance in kms.	The nearest town is Jajpur 35.49 kms.away from Project Site.
12	Village Panchayats, Zilla Parisad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Village Panchayat- Bichhakhandi
13	Name of the applicant	<b>Primior Rock Products Pvt. Ltd.</b> Ram Niwas Yadav.
14	Registered address	At- H. No.- 1024, Sector-4, Gurugaon. At(Present)- Dankari, Po- Mahisara Dist- Jajpur, Odisha.
15	Address for correspondence :	
	Name	<b>Tahasildar, Dharmasala.</b> (On Behalf Of Successful Bidder)
	Designation (Owner/Partner/CEO)	Owner
	Address	Office of the Tahasildar, Dharmasala, Jajpur.
	Pin code	
	E-mail	

	Telephone No.	
	Fax No.	
16.	Details of Alternative sites examined, if any, Location of these sites should be shown on a topo sheet.	No. There is no Alternative site examined. The lease site is shown in the Topo Sheet No: F45U1.
17.	Interlinked Projects	No
18.	Whether separate application of interlinked project has been submitted?	No
19.	If yes, date of submission	---
20.	If no, reason	There is no interlinked project submitted yet.
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.
22.	Whether there is any Government Order/Policy relevant/relating to the site?	Yes. Period Of Plan: 2021-22 to 2025-26 The Deputy Director Geology (Authorized Officer) O/o-Directorate of Geology, Bhubaneswar, Odisha, vide memo No.- .2941 DG, Dt.: 09/05/2022.
23.	Forest land involved (hectares)	No forest land involved.
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, there is neither any litigation pending against the project and/or land in which the project is propose to be set up.

**Expected Project Cost: 26lakhs**

**(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. N o.	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	There will be change in Topography of the land as this is a stone Quarry.
1.2	Clearance of existing land. Vegetation and buildings?	No	No clearance of existing land required as there is no vegetation and buildings in the lease area.
1.3	Creation of new land uses?	No	There is no new land uses being created.
1.4	Pre-construction investigations e.g. bore	No	No need of pre-construction investigations.



	houses, soil testing?		
1.5	Construction works?	Yes	Temporary sheds will be constructed as rest shelter for labour and for office use.
1.6	Demolition works?	No	No Demolition works needed.
1.7	Temporary sites used for construction works or housing of construction workers?	No	No temporary sites used for construction of housing for workers as the local people from nearby villages will be employed. Temporary rest shelters will be provided.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	No above ground buildings, structures or earthworks including linear structures, cut and fill or excavations required. Only temporary rest shelter will be constructed.
1.9	Underground works including mining or tunneling?	No	The Mining activity is opencast manual method so no underground works including mining or tunneling is required.
1.10	Reclamation works?	No	There is no reclamation works needed.
1.11	Dredging?	No	There is no Dredging needed.
1.12	Offshore structures?	No	There is no need of Offshore structures.
1.13	Production and manufacturing processes?	Yes	Opencast Semi-mechanized method of mining proposed to extract mineral i.e. Stone.
1.14	Facilities for storage of goods and materials?	Yes	There will be storage of mined out materials in the proposed area for Mineral Stackyard inside the lease area. .
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	There will be less generation of solid waste. There will be nil generation of liquid effluent from lease site.
1.16	Facilities for long term housing of operational workers?	No	Temporary rest shelters to workers will be provided. No long-term housing required as people from nearby villages will be employed.
1.17	New road, rail or sea traffic during construction or operation?	No	Temporary Internal mine roads shall be constructed as per requirements. Lease links roads are already there.
1.18	New road, rail, air water borne or other transport infrastructure including new or altered routes and stations, ports, airports etc.?	No	Connecting roads are sufficient for the mining activities. No new rail lines required. Sea traffic is not applicable.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	There will be no closure or diversion of existing transport routes or infrastructure that would leads to changes in traffic movements.
1.20	New or diverted transmission lines or pipelines?	No	There is no transmission lines or pipelines within the lease area.
1.21	Impoundment, damming, Culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	There is no Change to the hydrology or watercourses or aquifers within the lease area.
1.22	Stream crossings?	Yes	There is no stream crossings within the Lease Hold area.
1.23	Abstraction or transfers of water from ground or surface water?	No	Required water shall be drawn from local village through tankers.
1.24	Changes in water bodies or the land	No	There will be no major changes in the land



	surface affecting drainage or run-off?		surface that would affect drainage or run-off.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Local Transport arrangements of personnel or materials for construction, operation or decommissioning shall be done.
1.26	Long-term dismantling or decommissioning or restoration works?	No	There will be no long-term dismantling or decommissioning or restoration works to be carried out.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	There will be no major decommissioning activity which could impact on the environment.
1.28	Influx of people to an area in either temporarily or permanently?	Yes	Temporarily employment of 10 nos People shall be require in mining areas. Local villagers shall be preferentially employed.
1.29	Introduction of alien species?	No	No alien species will be introduced to the environment.
1.30	Loss of native species or genetic diversity?	No	Ecologically the area of the mine is very small and no specific habitat existing for important species. There is no major requirement of cutting vegetation and no major loss to biomass.
1.31	Any other actions?	No	There will be no other action except Stone mining activity.

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

Sl. No	Information/checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
2.1	Land specially undeveloped or agricultural land (ha)	No	The mining lease area is a rock hillock located near Sahanidiha village in Dharmasala Tahasil.
2.2	Water (expected source & competing users) unit: KLD	Yes	Water tanker, 3.5KLD of water.
2.3	Minerals (MT)	Yes	Road Metal to be extracted is 7669 Cum Per annum.
2.4	Construction material- stone, aggregates, and /soil (expected source –MT)	Yes	Stone (Road Metal)
2.5	Forests and timber (source –MT)	No	There is no forest in the lease area.
2.6	Energy including electricity and fuels (source, competing users) Unit : fuel (MT), energy (MW)	Yes	Diesel will be used in Hyva/tippers for transportation purpose. Power required for the office and mining operations shall be drawn from nearby village, supply from grid during operation of mine.
2.7	Any other natural resources (use appropriate standard units)	No	There Shall be no other natural resources require except HSD.

**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.	Information/Checklist confirmation	Yes/	Details thereof (with approximate
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No.		No	quantities /rates, wherever possible) with source of information data.
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules ) to human health or the environment (flora, fauna, and water supplies)	No	There is no usage of Hazardous substances or materials to human health or the environment.
3.2	Changes in occurrence of disease of affect disease vectors (e.g. insect or water borne diseases)	No	There may be no effect in occurrence of disease of affect disease vectors.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	The proposed project shall enhance the prospects of direct employment of unskilled and semiskilled workers from the nearby villages. Some shops and hotels shall expected for the people who will be directly or indirectly engage in the project which will enhance living condition of people.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	No	The proposed mining area is well distanced from village, hospital so there will be no person affected from this project.
3.5	Any other causes.	No	There will be no other causes that would impact adversely.

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

Sl. 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	There will be generation of Overburden and Inter burden waste from the lease site. There is proposal of 30% use of mine wastes for internal road construction within the Lease Hold area.
4.2	Municipal waste (domestic and or commercial wastes)	No	There will be no municipal waste (domestic and or commercial wastes) generate from lease area.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	There will be no hazardous wastes generate from lease area.
4.4	Other industrial process wastes	No	There shall be no other industrial process wastes.
4.5	Surplus product	No	Surplus product shall be stacked in Individual Lease hold area within a short time and shall be transported.
4.6	Sewage sludge or other sludge from effluent treatment.	No	There will be no generation of sewage sludge or other sludge from effluent treatment.
4.7	Construction or demolition wastes	No	There will be no generation of construction or demolition wastes.
4.8	Redundant machinery or equipment	No	There shall be no redundant machinery or equipment.
4.9	Contaminated soils or other materials	No	There will be no contamination of soils or other materials.
4.10	Agricultural wastes	No	There will be no agricultural wastes produced.



4.11	Other solid wastes	No	There will be no other solid wastes produced.
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**5. Release or pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)**

Sl. 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	Diesel will be used in tippers/dumper and other Mining Equipment.
5.2	Emission from production processes	Yes	There will be dust emission from production processes from mining which shall be suppressed by spraying water in blasted mining face.
5.3	Emissions from materials handling including storage or transport	Yes	Dust may rise during transport of stone. Dust suppression by spraying water will be carried out frequently.
5.4	Emissions from construction activities including plant and equipment	No	There will be no construction activities.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	No	There will be no dust or odors from sewage, waste or construction.
5.6	Emissions from incineration of waste	No	There will be no incineration of waste.
5.7	Emission from burning of waste in open air (e.g./materials, construction debris)	No	There will be no burning of waste in open air.
5.8	Emission from any other sources	No	There will be no emission from any other sources except the mentioned activities.

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

Sl. 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	There will be generation of noise from operation of equipment's. Ear Plug/Ear Muff's shall be provided to workers.
6.2	From industrial or similar processes	No	Not Applicable as the lease area will be used for mining purpose only.
6.3	From construction or demolition	No	There will be no construction or demolition.
6.4	From blasting or piling	Yes	There will be low charge delay blasting within the lease hold area which will not affect nearby.
6.5	From construction or operational traffic	No	There will be no generation of noise and vibration from construction or operational traffic.
6.6	From lighting or cooling systems	No	There will be no generation of noise and vibration from lighting or cooling systems.
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 in to the ground or in to sewers, surface waters groundwater, coastal waters or the sea:**

Sl.	Information/Checklist confirmation	Yes	Details thereof (with approximate
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No.		/No	quantities /rates, wherever possible) with source of information data.
7.1	From handling, storage, use or spillage of hazardous materials	No	There will be no use of hazardous materials in the lease area.
7.2	From discharge sewage or other effluents to water or the land (expected mode and place of discharge)	No	There will be no discharge of sewage or other effluents to water or the land.
7.3	By deposition of pollutants emitted to air in to the land or in to water	No	There will be no deposition of pollutants emitted to air in to the land or in to water.
7.4	From any other sources	No	There will be no release of pollutant from any other source related to mining activity in the lease area.
7.5	Is there a risk of long-term buildup of pollutants in the environment from these sources?	No	There will be no pollutant produced so there is no risk of long term buildup of pollutants in the environment.

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

Sl. 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	There will be no use of hazardous substances.
8.2	From any other causes	No	There will be no other cause which could affect human health or the environment.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc.)?	No	There may or may not be any effect of natural disasters on the project causing environmental damage.

**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.**

Sl. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> <li>Supporting infrastructure (roads. Power Supply, waste or waste water treatment, etc.)</li> <li>Housing development</li> <li>Extractive industries</li> <li>Supply industries</li> <li>Other</li> </ul>	Yes	The stone will be transported to third party for different developmental activities through local roads which may indirectly lead to ancillary development in vicinity area.



9.2	Lead to after-use of the site, which could have an impact on the environment	No	There will be no impact on the environment by after-use of the site.
9.3	Set a precedent for latter developments	No	There will be no need of reclamation of the site. If quarry will be deeper than the Ground level it will be a pond and if it will be above ground level, it will be a plane stony area.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	There will be no cumulative effects due to proximity to other existing or planned projects with similar effects.

### (III) Environmental Sensitivity

SI 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	N/A	There is no protected area under international conventions national or local legislation for their ecological, landscape, cultural or other related value present within 15 km.
2	Areas which are important or sensitive for ecological reasons- Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.	N/A	There is no area which are important or sensitive for ecological reasons- Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests present within 15 km from proposed project location.
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	N/A	There is no areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration present within 15 km from proposed project location.
4	Inland, coastal, marine or underground waters	N/A	There is no Inland, costal, marine or underground waters present within 15 km from proposed project location.
5	State, national boundaries	Jharkhand	Nearest state boundary of jharkhand located at an aerial distance of 125.95 kms from the mining lease area.
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Langudi hill	The Langudi Hill is the nearest tourist place located about 25.03 kms(Aerial Distance) from Project Site.
7	Defense installations	Charbatia	Airport strip is the nearest defense site from the mining lease area located at an aerial Distance of 32.22 kms.
8	Densely populated or built-up area	Bichhakhandi village	Bichhakhandi village is the nearest densely populated area located at an aerial distance of 2.43 kms
9	Areas occupied by sensitive man-made land uses (Hospitals, schools, places worship, community facilities)	School, Temple, Hospital	Areas occupied by sensitive man-made land uses are Balisahi Hospital, -5.33 km, Educational institutions is Baghuabena school- 2.43km, Places of worship is Sri Ram Temple, -1.26km.



10	Areas containing important, high quality or scarce resources (Groundwater resource, forestry, agriculture, fisheries, tourism, minerals)	Bichhakhandi village	The Sahanidiha Village is at a distance of 2.34 Kms from the mining lease. Village itself is self-sufficient with drinking water through Bore wells. Ground water being recharged by the River nearby to the village.
11	Areas already subjected to pollution or environmental damage.(those where existing legal environmental standards are exceeded)	N/A	There is no known areas within 15km of lease which is already subjected to pollution or environmental damage.
12	Areas susceptible to natural hazard which could cause project to present environmental problems (earthquakes, subsidence, land slides, erosion, flooding or extreme or adverse climatic conditions )	N/A	There is no areas susceptible to natural hazard which could cause project to present environmental problems (Earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions) within 15km from lease area.

#### (IV). Proposed Terms of Reference for EIA studies

"I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and believe 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 rejected and clearance given, if any to the project will be revoked at our risk and cost.

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Signature of the applicant  
With Name and Full Address  
(Project Proponent/Authorized Signatory)

**Tahasildar, Dharmasala.**  
(On Behalf Of Successful Bidder)  
Office of the Tahasildar,  
Dharmasala, Jajpur.