

## FORM - I

## I. Basic Information

S.No	Item	Details
1.	Name of the project/s	M/s. Swarath Stone Crusher, Rough Stone&Road Metal Mining Project
2.	S.No. in the schedule	Item -1(a)
3.	Proposed Capacity/area/length/ tonnage to be handled/command area /number of wells to be drilled	41,580m <sup>3</sup> Maximum/annum Mine Lease area: 1.42 Hectares Cluster Area:17.13 Hectares Project Cost: 20 Lakhs
4.	New/Expansion/Modernization	New
5.	Existing Capacity/Area etc.	-
6.	Category of Project i.e. 'A' or 'B'	Category B2 as mine area is < 25 ha.
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.	<u>Location</u> <u>Plot/Survey/Khasra No.</u> <u>Village</u> <u>Tehsil</u> <u>District</u> <u>State</u>	Survey No: 117, Nemergomula (V), Bibinagar (M), Yadadri Bhongir (D), Telangana State - 508126
10.	Nearest railway station/airport along with distance in kms.	Bibinagar Railway Station – 5.6 km [ESE]
11.	Nearest Town, city, district Headquarters with distance in km.	BibinagarMandal – 5.7 km [ESE] YadadriBhongir District Headquarters- 14.32 km [E]
12.	Village Panchayats, ZillaParishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Nemergomula (V), Bibinagar (M), Yadadri Bhongir (D), Telangana State - 508126
13.	Name of the applicant	Mr.M. Mohan Reddy
14.	Registered Address	H.No. 1-63/1, Nemergomula, Bagdayara, Jameelpet, Yadadri Bhuvanagiri District, T.S.
15.	Address for correspondence:	
	Name	Mr.M. Mohan Reddy
	Designation (Owner/Partner /CEO)	Managing Partner,
	Address	H.No. 1-63/1, Nemergomula, Bagdayara, Jameelpet, Yadadri Bhuvanagiri District, T.S.
	Pin code	508126
	E-mail	swarathstone@gmail.com
	Telephone No.	+91 9948092745

	Fax No	-
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet.	As it is a site specific project no alternative sites are proposed.
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. i. The Forest (Conservation) Act, 1980? ii. The Wildlife (Protection) Act, 1972? iii. The C.R.Z. Notification, 1991?	Not Applicable
22.	Whether there is any Government Order/Policy relevant /relating to the site?	Director of mines and Geology Hyderabad: NoticeNo.228/QL/YDR/ 2018 ,23.03.2018 ADMG Letter No.09/QL/YDD/2017, Dt:05-07-2018
23.	Forest land involved (hectares)	No Forest Land is 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 litigation or court case is pending against the proposed 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	Mine lease area is 1.42 hectares Change in land use limited to quarry lease area only.
1.2	Clearance of existing land,	No	There are no buildings or vegetation

	vegetation and buildings?		in lease area.
1.3	Creation of new land uses?	No	Present land use will be changed with commencement of mining activities. After completion of mining activities, the land has to be filled with waste material.
1.4	Pre-construction investigations e.g. bore holes, soil testing?	No	Not Applicable as a quarrying activity not required significant construction activity.
1.5	Construction works?	No	Site office, first aid room, water hut and rest shelter would be made
1.6	Demolition works?	No	Not Applicable
1.7	Temporary sites used for construction works or housing of construction workers?	No	Not Applicable
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Site office, first aid room, water hut and rest shelter would be made temporarily.
1.9	Underground works including mining or tunneling?	No	No underground workings are proposed
1.10	Reclamation works?	Yes	Phase-wise reclamation of mined out blocks proposed after completion of mining up to the proposed depth.
1.11	Dredging?	No	Not applicable
1.12	Offshore structures?	No	Not applicable
1.13	Production and manufacturing processes?	Yes	About 41580m <sup>3</sup> Maximum /annum of rough stone will be mineable. However, no beneficiation including processing is done in the lease area.
1.14	Facilities for storage of goods or materials?	Yes	Temporarily store will be made.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	The entire stone and metal mined shall be sold to the customers. No wastegeneration is anticipated in this five years plan period.
1.16	Facilities for long term housing of operational workers?	No	Workers from nearby village will be employed hence, housing facilities for operational workers is not warranted.
1.17	New road, rail or sea traffic during construction or operation?	No	Not Applicable
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc.?	No	Existing approach roads will be utilized. No other major road, rail, air waterborne

1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	Not Applicable
1.20	New or diverted transmission lines or pipelines?	No	Not Applicable
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	Not Applicable
1.22	Stream crossings?	No	Not Applicable
1.23	Abstraction or transfers of water from ground or surface waters?	No	Not Applicable
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There will not be any changes in the water bodies or the land surface affecting drainage or run-off.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	The mined out Rough stone& Road Metal will be transported to consumers by trucks.
1.26	Long-term dismantling or decommissioning or restoration works?	No	Not envisaged.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not Applicable
1.28	Influx of people to an area in either temporarily or permanently?	No	Employment will be given to people of nearby areas, no influx is envisaged.
1.29	Introduction of alien species?	No	Not Applicable
1.30	Loss of native species or genetic diversity?	No	Not Any
1.31	Any other actions?	No	Not Applicable

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

S.No	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	Yes	Patta Land. Mining will be done in an area of 1.42 ha.
2.2	Water (expected source & competing users) unit: KLD	Yes	Total water requirement of the mining operations is about 2.0 KLD. Source: water is sourced through Water tankers.
2.3	Minerals (MT)	No	Not applicable

2.4	Construction material–stone, aggregates, sand/soil (expected source – MT)	No	Not applicable
2.5	Forests and timber (source – MT)	No	Not applicable
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)		-
2.7	Any other natural resources (use appropriate standard units)	--	

**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	Not Applicable
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Not Applicable
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Welfare of people will get positive change due to the project, where a number of welfare activities will be undertaken and by increasing the earning of local people.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	No	None
3.5	Any other causes	No	None

**4. Production of solid wastes during construction or operation or decommissioning (MT/Month):**

S.No	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	The entire stone and metal mined shall be sold to the customers. No waste generation is anticipated in this five years plan period.

4.2	Municipal waste (domestic and or commercial wastes)	No	Not envisaged.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	Not envisaged.
4.4	Other industrial process wastes	No	Not envisaged.
4.5	Surplus product	No	Not envisaged.
4.6	Sewage sludge or other sludge from effluent treatment	No	Not envisaged.
4.7	Construction or demolition wastes	No	Not envisaged.
4.8	Redundant machinery or equipment	No	Not envisaged.
4.9	Contaminated soils or other materials	No	Not envisaged.
4.10	Agricultural wastes	No	Not envisaged.
4.11	Other solid wastes	No	Not envisaged

**5. Release of pollutants or any hazardous, toxic or noxious substances to air (kg/hr):**

<b>S.No</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	Emissions due to mining operations [Machines] and non-point source are due to fuel [Diesel] utilization. Emissions from mine equipment will be minimum.
5.2	Emissions from production processes	Yes	Mining will generate dust and part of it will get released in air and will be controlled by adopting wet drilling water sprinkling.
5.3	Emissions from materials handling including storage or transport	Yes	Fugitive dust will be generated from material handling including transport activities. Dust suppression by water sprinklers will be provided to prevent the fugitive dust emissions.
5.4	Emissions from construction activities including plant and equipment	No	Not envisaged.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	No	Dust emissions from handling of minerals will be there, which are controlled by water sprinkling and good plantation and other mitigating measures. However,

			there is no possibility of any odor generation.
5.6	Emissions from incineration of waste	No	Not envisaged
5.7	Emissions from burning of waste in open air(e.g. slash materials, construction debris)	No	Not envisaged
5.8	Emissions from any other sources	No	Not envisaged

#### 6. Generation of Noise and Vibration and Emissions of Light and Heat:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	Noise will be generated from transport vehicles, machinery and drilling operations, DG set and blasting operations.
6.2	From industrial or similar processes	No	None
6.3	From construction or demolition	No	Construction proposed is very limited and will have no adverse impact
6.4	From blasting or piling	Yes	Noise will be generated during mining operations, but that will be kept within permissible limit by adopting prescribed parameters for blasting and practicing wet drilling. Smooth blasting techniques and special explosives will be used.
6.5	From construction or operational traffic	No	Not Applicable
6.6	From lighting or cooling systems	No	Not Applicable
6.7	From any other sources	No	None

#### 7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	None

7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	None
7.3	By deposition of pollutants emitted to air into the land or into water	No	None
7.4	From any other sources	No	None
7.5	Is there a risk of long term buildup of pollutants in the environment from these sources?	No	None

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

S.No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances	No	Mining will be carried out in safe and scientific manner. No Hazardous material will be stored
8.2	From any other causes	No	There is no other cause of risk and hazard.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc.)?	No	The Lease area falls in zone II of earthquake zone hence chance of earthquake are moderate.

**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.: <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> </ul>	Yes	Transport facility will be improved due to mine vehicles Project proponent will organize regular medical checkups and recreational activities Employment to local people will be generated. Overall living standard of nearby people will have positive impact.

	<ul style="list-style-type: none"> <li>supply industries</li> <li>other</li> </ul>		
9.2	Lead to after-use of the site, which could have an impact on the environment	Yes	The mining activities will have positive impact if environment management measures are effectively implemented. Afforestation will be carried out that will have positive impact on surrounding environment.
9.3	Set a precedent for later developments	No	Economic development due to investment in the area will lead to overall socio economic growth.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	Dust accumulation, haulage on the roads and blasting operations.

**(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 ecological, Landscape, cultural or other related value area in 15 Km radius.
2.	Areas which are important or sensitive for ecological reasons - wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Water Bodies Reserve Forest	<ul style="list-style-type: none"> <li>Bibinagar Cheruvu -5.3 km [E]</li> <li>Shamirpet Vagu -7.3 km [E]</li> <li>Musi River – 9.3 km [S]</li> <li>Kondamadugu RF – 2.6 km N,</li> <li>Parvatapuram Forest Block – 3.3 km N,</li> <li>Naginenipalli RF – 3.9 km NNE,</li> <li>Kisaragutta RF – 4.8 km NW,</li> <li>Edulabad RF -6.1 km S</li> <li>Bibinagar RF -6.6 km ESE</li> </ul>
3.	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, overwintering, migration	No	No Significant Species
4.	Inland, coastal, marine or underground waters	No	
5.	State, National boundaries	No	None within 15 km
6.	Routes or facilities used by the	No	

	public for access to recreation or other tourist, pilgrim areas		
7.	Defense installation	No	
8.	Densely populated area	Yes	<ul style="list-style-type: none"> <li>• Bibinagar Mandal – 5.7km [ESE]</li> <li>• Yadadri Bhongir District - 14.32 km [E]</li> </ul>
9.	Areas occupied by sensitive man-made land uses ( <i>hospitals, schools, places of worship, community facilities</i> )	No	
10.	Areas containing important, high quality or scarce resources ( <i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i> )	No	There is no high quality or scarce resources.
11.	Areas already subjected to pollution or environmental damage. ( <i>those where existing legal environmental standards are exceeded</i> )	No	Not applicable
12.	Areas susceptible to natural hazard which could cause the project to present environmental problems ( <i>earthquakes, subsidence, landslides, erosion, flooding for extreme or adverse climatic conditions</i> )	No	The area under study falls in Zone-II (least active), according to the Indian Standard Seismic Zoning Map.

(IV) Proposed Terms of Reference :NA.

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 give, if any to the project will be revoked at our risk and cost.

Date : 30-07-2018,  
Place: Hyderabad

M/s. Swarath Stone Crusher,

Sri M. Mohan Reddy,  
H.No. 1-63/1, Nemergomula,  
Bagdayara, Jameelpet,  
Yadadri Bhuvanagiri District, T.S