



सत्यमेव जयते

File No.: OL/REAPP\_EC/MIN/JANJGIR\_CHAMPA/4328

Government of India

Ministry of Environment, Forest and Climate Change

(Issued by the State Environment Impact Assessment Authority(SEIAA),  
CHHATTISGARH)

\*\*\*



Dated 27/01/2026



To,

Mrs. Shashi Madhukar  
M/s Hadha Brick Earthclay (Fix Chimney) Quarry  
Village - Hadha, Tehsil - Pamgarh, District – Janjgir - Champa, Chhattisgarh  
ec.shashi23@gmail.com

**Subject:** Grant of prior Environmental Clearance (EC) for mining of Earth Clay (Minor Minerals) capacity-4,600 Cum/Year (with Brick Kiln) in khasra no. 467- 474, 475/1, 475/2, 479/1, 479/2, 479/3, 479/4, 479/5, 480, 481, 482, 483, 484/1, 484/2, 488/1, Area - 3.695 Hectare at Village - Hadha, Tehsil - Pamgarh, District – Janjgir - Champa, Chhattisgarh under the provision provision of the EIA Notification 2006-regarding

**Sir/Madam,**

This is in reference to your application submitted to SEIAA vide proposal number SIA/CG/MIN/510887/2024 dated 01/12/2024 for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C0108CG5787538N
(ii) File No.	OL/REAPP_EC/MIN/JANJGIR_CHAMPA/4328
(iii) Clearance Type	Mining EC Under 5 Ha
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vi) Name of Project	M/s Hadha Brick Earthclay (Fix Chimney) Quarry, Proprietor – Mrs. Shashi Madhukar
(viii) Location of Project (District, State)	JANJGIR-CHAMPA, CHHATTISGARH
(ix) Issuing Authority	SEIAA
(x) Applicability of General Conditions	No

It is noted that original application is for mining of Earth Clay (Minor Minerals) capacity- 4,600 Cum/Year (with Brick Kiln). After deliberation, SEIAA unanimously accepted the recommendation of SEAC-2 and decided to grant Environmental Clearance for mining of Earth Clay (Minor Minerals) capacity- 4,600 Cum/Year (with Brick Kiln) in

khasra no. 467- 474, 475/1, 475/2, 479/1, 479/2, 479/3, 479/4, 479/5, 480, 481, 482, 483, 484/1, 484/2, 488/1, Area - 3.695 Hectare at Village - Hadha, Tehsil - Pamgarh, District – Janjgir - Champa under the EIA Notification, 2006 (as amended) listed in Schedule 1(a) Mining of minerals under Category “B2” subject to submission of the details of sourcing of fly ash used in brick manufacturing by way of purchase receipt, way bill etc. from Power Plant / Sponge Iron Plant / Other units generating fly ash.

With respect to the above, PP has submitted the details of sourcing of fly ash used in brick manufacturing by way of purchase receipt, way bill etc. from Power Plant / Sponge Iron Plant / Other units generating fly ash.

3. This Environment Clearance is for mining of Earth Clay (Minor Minerals) capacity- 4,600 Cum/Year (with Brick Kiln) in khasra no. 467- 474, 475/1, 475/2, 479/1, 479/2, 479/3, 479/4, 479/5, 480, 481, 482, 483, 484/1, 484/2, 488/1, Area - 3.695 Hectare at Village - Hadha, Tehsil - Pamgarh, District – Janjgir - Champa, Chhattisgarh.
4. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2 were submitted to the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.
5. The above-mentioned proposal has been considered by State Environment Impact Assessment Authority (SEIAA) in the meeting held on 16/09/2025. The minutes of the meeting and all the Application and documents submitted are available on PARIVESH portal which can be accessed by scanning the QR Code above.
6. The brief about configuration of plant/equipment, products and byproducts and salient features of the project along with environment settings, as submitted by the Project proponent in Form-2 presented are annexed to this EC as Annexure (1).
7. The SEAC, in its meeting held on 15/05/2025, based on information & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of Specific and Standard EC conditions as detailed in the point below.
8. The SEIAA has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the SEAC and hereby decided to grant Environment Clearance for the instant proposal under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (2).
9. The Ministry reserves the right to stipulate additional conditions, if found necessary.
10. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
11. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
12. General Instructions:
  1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
  3. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.

4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
  5. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  6. The Regional Office of this SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
  7. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
13. This issue with an approval of the Competent Authority.

**Copy To**

**S.No. Address**

- 1 Director, Ministry of Environment, Forest and Climate Change, Prithvi Wing, 2nd Floor, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 100003
- 2 Integrated Regional Office RAIPUR, MoEF&CC , Govt. of India , Ground Floor, Aranya Bhawan, North Block, Sector- 19,Naya Raipur, Atal Nagar, Chhattisgarh – 492002
- 3 Director, Directorate of Geology and Mining, Chhattisgarh, Indravati Bhavan, Block-4, Second Floor, Nawa Raipur Atal Nagar, Chhattisgarh India
- 4 Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhawan, Sector-19, Nava Raipur Atal Nagar, District-Raipur (Chhattisgarh)
- 5 Member Secretary, Central Ground Water Board, West Block-2, Wing-3, Ground Floor, Sector-1, R.K.Puram, New Delhi - 110066
- 6 Collector, Office of the Collector, Janjgir - Champa, District- Janjgir - Champa (C.G.) for information and necessary action.
- 7 Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Bilaspur for information and necessary action.

**Annexure 1**

**Specific EC Conditions for (Mining Of Minerals)**

**1. Special Conditions**

S. No	EC Conditions
1.1	<ol style="list-style-type: none"> <li>1. <b>Project Proponent shall get the revised mining plan incorporating the mined out area of the 1 meter safety area and the restoration plan. The PP shall complete the restoration of the excavated 1 meter wide safety area of the mine as per the revised mining plan.</b></li> <li>2. <b>Project Proponent shall plant 453 plants in the restored area as per the condition of the previous EC.</b></li> </ol>

S. No	EC Conditions
	<p>3. <b>Compliance of the completion of the above conditions is mandatory. If these conditions are not complied within 3 months, the concerned RO, CECB shall take necessary steps to stop the mining operations and resumption of the mining operations will be subject to the fulfilling of above conditions.</b></p> <p>4. Project proponent shall submit the details of the sourcing of fly ash used in brick manufacturing by way of purchase receipt, way bill etc. from Power Plant / Sponge Iron Plant / Other units generating fly ash in six-monthly compliance report.</p> <p>5. Project Proponent shall follow the SOP issued by CECB for transportation.</p> <p>6. Garland drain should be properly constructed so that mine water will not be discharged outside the premises under any circumstances. Mine water will be provided to the local villagers for agriculture purpose after proper treatment mine water.</p>

**Standard EC Conditions for (Mining of minerals)**

**1.**

S. No	EC Conditions
<p><b>1.1</b></p>	<p>Additional conditions -</p> <ol style="list-style-type: none"> <li>1. Project Proponent shall follow the terms and conditions mentioned in MoEF&amp;CC notification G.S.R. (E) dated 22.02.2022.</li> <li>2. Chhattisgarh Environment Conservation Board shall give consent only after the brick kiln shall be converted to zig-zag technology or vertical shaft. FCBTK (Fixed Chimney Bull's Trench Kiln) shall not be allowed under any circumstances.</li> <li>3. Project proponent shall ensure that height of the chimney shall not be less than 33 meter.</li> <li>4. Dense proposed plantation of trees (453 no's) around the 1 meter mine lease area (area restricted for excavation) and ensuring a 90 percent survival rate of the planted plants.</li> <li>5. The project proponent shall complete proposed plantation in 1 meter wide safety zone in the first monsoon season from issue date of environment clearance.</li> <li>6. Regular water sprinkling arrangements in the mine lease area and also in haul road to control the fugitive dust emissions.</li> <li>7. Employment provided to the local people under the Chhattisgarh Model Rehabilitation Policy.</li> <li>8. Project proponent shall ensure that any kind of contaminated water (if generated) shall not flow into the natural water source, pond, river, drain under any circumstances.</li> <li>9. Fly ash and Coal shall be stored in covered shed. Good housekeeping shall be maintained.</li> <li>10. Fly ash generated from the kiln shall be reused in the manufacturing of bricks. Broken bricks shall be used for kiln maintenance, road maintenance etc.</li> <li>11. There should be regular monitoring of the mining activities in the State to ensure effective</li> </ol>

S. No	EC Conditions
	<p>compliance of stipulated EC conditions and of the provisions under the Minor Mineral Concessions Rules framed by the State Government.</p> <p>12. Project proponent shall ensure that mining operation shall be carried out only after sunrise and before sunset.</p> <p>13. The pollution load due to transportation on the environment shall be effectively controlled and water sprinkling shall also be done regularly.</p> <p>14. Project proponent shall ensure the construction of boundary pillars all around lease area as per Mineral Concession Rules,1960 (as amended).</p> <p>15. Brick, coal transportation and Fly ash transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.</p> <p>16. Project proponent shall ensure at the time of closure of mine the whole pit will be reclaimed by overburden/ topsoil etc. and do native tree species plantation.</p> <p>17. Project proponent shall submit Completion certificate of proposed work under CER activities, CEMP, 1 meter wide safety barrier plantation along with Geotag photographs in six monthly compliance report.</p> <p>18. Project proponent shall ensure that no excavation is carried out in the non-mining area.</p> <p>19. Project proponent shall not do any mining or related activities outside the lease area.</p> <p>20. Project proponent shall not cut any Green Trees of lease area without the permission of District Collector.</p> <p><b>Standard Conditions</b></p> <ol style="list-style-type: none"> <li>1. Statutory compliance <ol style="list-style-type: none"> <li>1. The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project.</li> <li>2. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.</li> <li>3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.</li> <li>4. The project proponent shall prepare a Site-Specific Conservation Plan &amp; Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).</li> <li>5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention &amp; Control of Pollution) Act, 1981 and the Water (Prevention &amp; Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.</li> <li>6. The project proponent shall obtain the necessary permission from the Central Ground Water Authority.</li> </ol> </li> </ol>

S. No	EC Conditions
	<p>7. Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.</p> <p>8. The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.</p> <p>9. Validity of EC is as per life of the mine mentioned in EC letter or 30 years from lease execution date (i.e. 31/07/2041) as per EIA Notification, 2006 and its amendments therein.</p> <p><b>Air quality monitoring and mitigation measure</b></p> <ol style="list-style-type: none"> <li>1. Ambient air quality monitoring shall be conducted once in a year in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO<sub>2</sub> and NO<sub>x</sub>. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors. The report shall be submitted to the SEIAA, C.G./ SEAC, C.G.</li> <li>2. The Ambient Air Quality monitoring in the core zone shall be carried out. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.</li> <li>3. Transportation of clay/ bricks, to the extent if permitted by road, shall be carried out by covered trucks. Effective control measures such as regular water sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the transport roads, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.</li> <li>4. Major approach roads shall be properly maintained.</li> <li>5. Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.</li> <li>6. Adequate number of water sprinklers shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.</li> </ol> <p><b>Water quality monitoring and mitigation measures</b></p> <ol style="list-style-type: none"> <li>1. Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.</li> <li>2. If any river, ponds and lakes close to the mine lease area, monitoring of water quality upstream and downstream of river including ponds, lakes shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.</li> <li>3. Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.</li> </ol>

S. No	EC Conditions
	<p>4. The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.</p> <p>5. Garland drains (of suitable size, gradient and length) around the critical areas i.e. mine shaft and low lying areas, shall be designed keeping at least 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. The sump capacity shall also provide adequate retention period to allow proper settling of silt material of the surface runoff.</p> <p>6. The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.</p> <p>7. Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.</p> <p>8. The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/ EIA-EMP submitted to this Ministry and the same should be done with due approval of the concerned State/GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.</p> <p>9. Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction by installing a RO plant.</p> <p><b>Mining Plan</b></p> <p>1. Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.</p> <p>2. No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.</p> <p>3. Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.</p> <p><b>Land Reclamation</b></p> <p>1. Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFCC) from time to time shall be submitted to MOEFCC/Regional Office (RO).</p> <p>2. Regular monitoring of subsidence movement on the surface over and around the</p>

S. No	EC Conditions
	<p>working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.</p> <ol style="list-style-type: none"> <li>3. A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring &amp; implementation of mitigation measures be carried out.</li> <li>4. Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.</li> <li>5. Native tree species shall be selected and planted over areas affected by subsidence.</li> <li>6. The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any.</li> </ol> <p><b>Public hearing and Human health issues</b></p> <ol style="list-style-type: none"> <li>1. Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.</li> <li>2. The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.</li> <li>3. Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.</li> <li>4. Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.</li> <li>5. PP to conduct need based assessment survey of the area to for in order to decide the activities to be carried under the CSR and to provide detail of the activity carried out with adequate budgetary provision and time bound action plan.</li> <li>6. Project proponent shall conduct health checkup facilities twice in a year for the villagers.</li> <li>7. PP to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius.</li> </ol> <p><b>Corporate Environment Responsibility</b></p> <ol style="list-style-type: none"> <li>1. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions.</li> </ol>

S. No	EC Conditions								
	<p>2. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.</p> <p>3. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.</p> <p>4. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.</p> <p>5. CER Details (Corporate Environment Responsibility):</p> <table border="1" data-bbox="399 761 1436 1411"> <thead> <tr> <th data-bbox="399 828 574 985">Capital Investment (in Lakh Rupees)</th> <th data-bbox="574 828 829 985">Percentage of Capital Investment to be Spent</th> <th data-bbox="829 828 1021 985">Amount Required for CER Activities (in Lakh Rupees)</th> <th data-bbox="1021 828 1436 1030">Amount Proposed &amp; Details for CER Activities (in Lakh Rupees) Particulars CER Fund Allocation (in Lakh Rupees)</th> </tr> </thead> <tbody> <tr> <td data-bbox="399 1187 574 1220">59</td> <td data-bbox="574 1187 829 1220">2%</td> <td data-bbox="829 1187 1021 1220">1.18</td> <td data-bbox="1021 1030 1436 1411">           Following activities Nearby, at Govt. Purva Madhyamik Shala, Village – Singhaldweep            Installation of Rain water harvesting system 1.20            Plantation around school (30 nos) 0.34            Total 1.54         </td> </tr> </tbody> </table> <p>6. Project proponent shall form a tripartite committee (Mine owner, Representative of District administration/CECB and Member of Gram panchayat) which will monitor the compliance of Green Belt within the premises, Corporate Environmental Responsibility activities .</p> <p>Miscellaneous</p> <p>1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent’s website permanently.</p> <p>2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.</p> <p>3. The project proponent shall upload the status of compliance of the stipulated</p>	Capital Investment (in Lakh Rupees)	Percentage of Capital Investment to be Spent	Amount Required for CER Activities (in Lakh Rupees)	Amount Proposed & Details for CER Activities (in Lakh Rupees) Particulars CER Fund Allocation (in Lakh Rupees)	59	2%	1.18	Following activities Nearby, at Govt. Purva Madhyamik Shala, Village – Singhaldweep Installation of Rain water harvesting system 1.20 Plantation around school (30 nos) 0.34 Total 1.54
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S. No	EC Conditions
	<p>environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.</p> <ol style="list-style-type: none"> <li>4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.</li> <li>5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.</li> <li>6. The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.</li> <li>7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.</li> <li>8. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&amp;CC).</li> <li>9. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.</li> <li>10. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.</li> <li>11. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.</li> <li>12. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.</li> <li>13. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention &amp; Control of Pollution) Act, 1974, the Air (Prevention &amp; Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.</li> <li>14. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.</li> </ol>

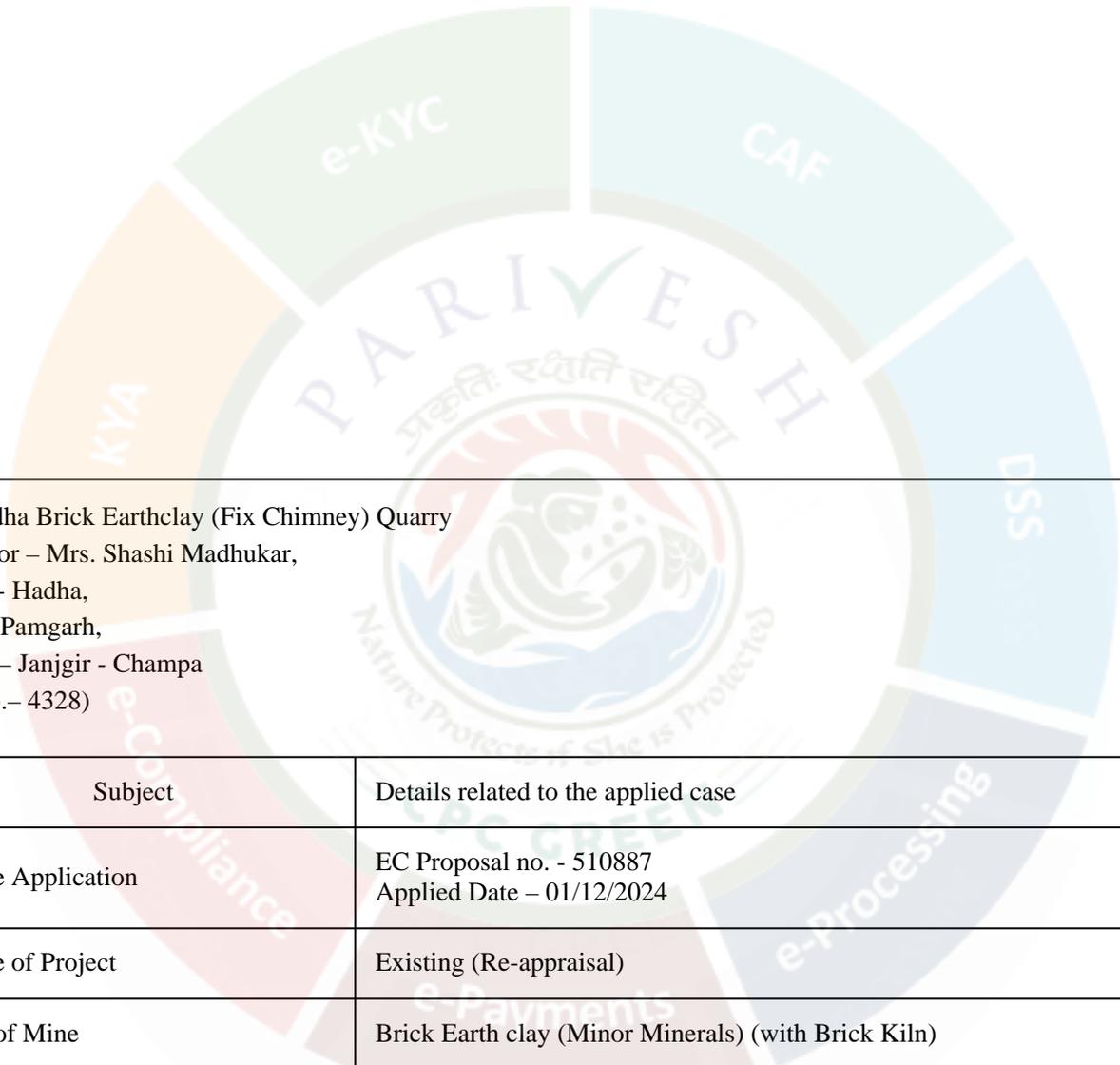
**Annexure 2**

**Details of the Project**

S. No.	Particulars	Details	
a.	Details of the Project	M/s Hadha Brick Earthclay (Fix Chimney) Quarry, Proprietor – Mrs. Shashi Madhukar	
b.	Latitude and Longitude of the project site	21.7405543860727,82.51638801852083 21.74273008521958,82.51873201962358	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	3.695
		Forest Land (B)	0
		Total Land (A+B)	3.695
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	59	
g.	EMP Cost (in lacs)	23.91	
h.	Employment Details		

**Details of Minerals Products & By-products**

Name of the Mineral to be mined	Classification of mineral [Major/Minor]	Production capacity in MTPA	Remarks
Name of Mineral Classification Production Capacity Remarks Earth Clay	Minor	4600.0	The 'Above production capacity is given in cubic meter per year i.e. 4600 cum meter per year and 3220000 no. of bricks per year. Please consider Cubic meter per year unit and no of bricks capacity for issuing EC so that controversy of royalty calculation can be avoided in future.



M/s Hadha Brick Earthclay (Fix Chimney) Quarry  
 Proprietor – Mrs. Shashi Madhukar,  
 Village - Hadha,  
 Tehsil - Pamgarh,  
 District – Janjgir - Champa  
 (File No.– 4328)

Subject	Details related to the applied case
Online Application	EC Proposal no. - 510887 Applied Date – 01/12/2024
Nature of Project	Existing (Re-appraisal)
Type of Mine	Brick Earth clay (Minor Minerals) (with Brick Kiln)
Applied Area & Capacity	3.695 Ha. & 4,600 Cum/Year
Khasra no.	467- 474, 475/1, 475/2, 479/1, 479/2, 479/3, 479/4, 479/5, 480, 481, 482, 483, 484/1, 484/2, 488/1
Land	Private Land
Land Owner’s Name (If Private) & Consent	Khasra no. 482 is in the name of Mr. Sandeep, Mr. Shivendra, Miss. Sarika, Miss Nikki. & Mis Durgeshnandani And other 22 khasra is in the name of Mr. Nand Kumar Madhukar. Consent letter of the all land owner's - Submitted
SIA/CGMIN/510887/2024	Intimation Email for Presentation Date : 08/05/2025 628th Meeting of SEAC-2, Dated 15/05/2025

Representatives present for presentation	Authorized Representatives - Mr. Nand kumar Madukar Consent of Authorized Representatives- Yes RQP – Mr. Budhdev Panday																		
Details of Old EC	Name of Old EC – Mrs. Shashi Madhukar Type of Mine – Earth Clay (Minor Minerals) Khasra number – 467- 474, 475/1,2, 479/1,2,3,4,5, 480 - 483, 484/1,2, 488/1 Area – 3.695 hectares Capacity – As per mining plan and quantity mentioned in 9th year 38,580 cubic meters. Date – 18/10/2018 Validity period – Upto lease period Issued by DEIAA District – Janjgir-Champa																		
Compliance Report of Old EC	Submitted : Yes																		
Past Production certified by the Mining Department (Year wise)	Date : 20/10/2023 <table border="1"> <thead> <tr> <th>Year</th> <th>Production (cum)</th> </tr> </thead> <tbody> <tr> <td>2018-19</td> <td>2,250</td> </tr> <tr> <td>2019-20</td> <td>1,920</td> </tr> <tr> <td>2020-21</td> <td>1,580</td> </tr> <tr> <td>2021-22</td> <td>640</td> </tr> <tr> <td>2022-23</td> <td>1,160</td> </tr> </tbody> </table> Date - 13/05/2025 <table border="1"> <thead> <tr> <th>Year</th> <th>Production</th> </tr> </thead> <tbody> <tr> <td>2023-24</td> <td>700</td> </tr> <tr> <td>2024-25</td> <td>1,100</td> </tr> </tbody> </table>	Year	Production (cum)	2018-19	2,250	2019-20	1,920	2020-21	1,580	2021-22	640	2022-23	1,160	Year	Production	2023-24	700	2024-25	1,100
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Gram Panchayat NOC	Village - Padariya Date : 18/07/2010																		
Approved Mining Plan	Date : 26/02/2018																		
500 meter	Date : 23/05/2023 No. of other mines – 02 and Area – 2.976 Ha Total No. of mines in cluster – 03, Area – 6.671 Ha.																		
200 meter	Date : 23/05/2023 Mahanadi is located at distance of 100 meter Other restricted Area – No																		
Lease Deed	Name of Lease Holder – Mrs. Shashi Madhukar Date - 01/08/2011 to 31/07/2041 Validity Period – 30 Years																		
Forest Department NOC	Date : 27/07/2023 Issued by Divisional Forest Officer Janjgir-Champa, Distance from Nearest Forest – 3.41 km There is no national park and wildlife sanctuary within a radius of 10 km																		
Nearest Habitation/Structure	Village – Hadha 2 km School – Hadha 2.3 km Hospital – Shivrinarayan 7.7 km National Highway – 7.1 km State Highway - 4.2 km River - Mahanadi 100 meter																		

	Nalla - 260 meter Pond - 800 meter Canal - 1.55 km																								
Ecology/Biodiversity Area	No, Inter-state border, national park, sanctuary, critically polluted area (declared by the Central Pollution Control Board), ecologically sensitive area or declared biodiversity area located within its 5 km perimeter.																								
Mining Details	<p>Mining Method – Open-cast Manually Drilling and Blasting – No According to mining Plan Reserves Geological Reserves – 41,226 Cum Minable Reserves – 38,949 Cum Balance Reserves Geological Reserves – 31,876 Cum Minable Reserves – 29,599 Cum Proposed Depth – 2 meter Bench Height – 1 Meter Bench width –1 Meter Life of Mine – 10 year Kiln Area – 3,538 Sqm Fly Ash - 40% of clay Chimney – Zig-Zag Kiln pattern will be installed. Stack Height - 33 meter Coal requirement for 1 Lakh bricks – 20 tonne Year Wise Proposed Production Detail:-</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Production of Clay (In Cum)</th> <th>Year</th> <th>Production of Clay (In Cum)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>3308.35 (Already excavated)</td> <td>6th</td> <td>3,895</td> </tr> <tr> <td>2nd</td> <td>3,895</td> <td>7th</td> <td>3,895</td> </tr> <tr> <td>3rd</td> <td>3,895</td> <td>8th</td> <td>3,895</td> </tr> <tr> <td>4th</td> <td>3,895</td> <td>9th</td> <td>3,895</td> </tr> <tr> <td>5th</td> <td>3,895</td> <td>10th</td> <td>3,895</td> </tr> </tbody> </table>	Year	Production of Clay (In Cum)	Year	Production of Clay (In Cum)	1st	3308.35 (Already excavated)	6th	3,895	2nd	3,895	7th	3,895	3rd	3,895	8th	3,895	4th	3,895	9th	3,895	5th	3,895	10th	3,895
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Restricted Area for Mine (Mine Safety Area)	Area of 1 m wide safety zone – 911 Sqm, Excavated – Yes Mentioned in Mining Plan –No																								
Restoration plan	<p>As per the approved mining plan, the total area of 1 meter mine boundary of the applied mine is 911 square meters, whose average length is 911 meters, width is 1 meter.</p> <ol style="list-style-type: none"> <li>Pit-1 area of safety boundary is 150 square meters, 0.50 meter deep dug, whose length is 150 meters and width is 1 meter.</li> <li>Pit-1 area of the excavated safety boundary will be backfilled with approximately 150 cubic meters of murrum, overburden and bad stone, making a 45 degree slope. Along with this, 0.50 meter thick pitching will be done in the boundary slope by using 75 cubic meters of stone to strengthen the slope of the boundary.</li> </ol>																								
Non mining zone	Due to kiln – 3538 sqm																								
Water Requirement	<p>Quantity – 8 KLPD Source – Accumulated rainwater in existing pit, Tankers &amp; Bore well NOC has been obtained from Central Ground Water Authority and a been submitted.</p>																								

Plantation Work	Plantation of trees around 7.5 meters of lease area - 911 Sqm Proposed Plantation – 453 Nos. Amount for 5 years for the proposed plantation work (Total plantation – 453 nos.) - Rs. 14,17,000/-
CEMP	Total CEMP for all mines in the cluster, Amount for 5 years for the proposed work - Rs. 17,57,500/- Participation of Project Proponent: Amount for 5 years for the proposed work - Rs. 9,74,400/-
Affidavit	<p>The following affidavit has been submitted: -</p> <ul style="list-style-type: none"> <li>• Water sprinkling arrangements for fugitive dust emission.</li> <li>• 90% survival rate of plantation.</li> <li>• Employment is given to the local people as per the rules of the State Government</li> <li>• Demarcation will be done by boundary pillars as per Mineral Concession Rules.</li> <li>• Contaminated water will not discharge into natural water sources.</li> <li>• No court case pending relating to this project before any Court of Law in India,</li> <li>• No violation of Notification S.O. 804(E) dated 14/03/2017 issued by Ministry of Environment, Forest and Climate Change, Government of India.</li> <li>• To comply the Hon'ble Supreme Court Judgment dated 02 August 2017 in Writ Petition (Civil) No 114 of 2014 in the matter of Common Cause Vs Union of India.</li> <li>• The direction given by the Honorable Supreme Court on 08/01/2020 in writ petition (S) Civil No.114 /2014 common cause vs. Union of India &amp; Ors will be followed.</li> <li>• It will be our responsibility to protect all the interests related to the land and follow all the rules of India.</li> <li>• Tin shed will be used for proper maintenance of fly ash used in brick manufacturing.</li> <li>• Bricks will be manufactured using zigzag technology by making necessary changes in the existing chimney kiln in the mine within 2 years in view of the notification dated 22/02/2022 of the Ministry of Environment, Forest and Climate Change.</li> <li>• Information on the works proposed under CER will be included in the half-yearly report along with geo tagged photographs.</li> <li>• It will be our responsibility to protect all the interests related to the land and follow all the rules of India.</li> <li>• Memorandum issued on 28/04/2023 by the Ministry of Environment, Forest and Climate, Government of India, New Delhi will be followed.</li> <li>• All the standards/rules prescribed by CPCB related to chimney kiln installed in the mine will be followed and information regarding the same will be submitted in the six month compliance report.</li> <li>• Water meter will be installed for water drawn from bore well as per CGWA norms and its information will be submitted along with the six month compliance report.</li> <li>• The coal used in brick making will be kept separately.</li> </ul>

	<ul style="list-style-type: none"> <li>In view of the notification of the Ministry of Environment, Forest and Climate Change dated 22.02.2022, the existing chimney kiln in the lease area will be installed within the lease area in the next 1 year as per the approved excavation plan and by making necessary changes, bricks will be manufactured using zigzag technology. Also, complete information will be submitted to your office along with the six-month compliance report of the environmental clearance issued by you.</li> <li>Completion certificate of 1 meter wide safety zone plantation and proposed work under CER activities will be submitted along with Geotag photographs in six monthly compliance report.</li> </ul>
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Category	Applied lease is executed on 01/08/2011 which is on or before 09/09/2013, as per MoEF notification dated S.O. 2269 (E) dated 01/07/2016 and SEIAA issued letter no. 1186 dated 29/10/2024, applied case is not falling under cluster situation and the applied lease area is 3.695 hectare which is less than 5 hectare and therefore applied lease is classified under category B2 project.
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Total Project Cost	Rs. 59 Lakhs
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**CER Details :**

Capital Investment (in Lakh Rupees)	Percentage of Capital Investment to be Spent	Amount Required for CER Activities (in Lakh Rupees)	Amount Proposed & Details for CER Activities (in Lakh Rupees)	
			Particulars	CER Fund Allocation (in Lakh Rupees)
59	2%	1.18	Following activities Nearby, at Govt. Purva Madhyamik Shala, Village – Singhaldweep	
			Installation of Rain water harvesting system	1.20
			Plantation around school (30 nos)	0.34
			Total	1.54