



File No.: OL/REAPP\_EC/MIN/MSD/2200

Government of India

Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), CHHATTISGARH)

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Dated 09/09/2025



To,

Mrs. Chanda Tawri  
M/s Barbaspur Farshi Pathar Quarry of Jagdish Stone Industries  
Village - Barbaspur, Tehsil & District - Mahasamund, Chhattisgarh  
ec.jagdish22@gmail.com

**Subject:** Grant of prior Environmental Clearance (EC) for mining of Flagstone (Minor Minerals) capacity – 200 cubic meter/year (500 TPA) at Khasra no. 180, 178/4 and 181/4, Area – 0.33 Hectare of Village - Barbaspur, Tehsil & District – Mahasamund, Chhattisgarh as per the EIA Notification, 2006-regarding

**Sir/Madam,**

This is in reference to your application submitted to SEIAA vide proposal number SIA/CG/MIN/475020/2024 dated 06/08/2024 for grant of prior Environmental Clearance (EC) to Barbaspur Farshi Pathar Quarry of Jagdish Stone Industries by CHANDA TAWRI for mining of Flagstone (Minor Minerals) capacity – 200 cubic meter/year (500 TPA) at Khasra no. 180, 178/4 and 181/4, Area – 0.33 Hectare of Village - Barbaspur, Tehsil & District – Mahasamund, Chhattisgarh as per the EIA Notification, 2006 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.	EC24B0108CG5204850N
(ii) File No.	OL/REAPP_EC/MIN/MSD/2200
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Barbaspur Farshi Pathar Quarry of Jagdish Stone Industries by Mrs. Chanda Tawri
(viii) Location of Project (District, State)	MAHASAMUND, CHHATTISGARH
(ix) Issuing Authority	SEIAA
(x) Applicability of General Conditions	No

SEIAA in its 197th Meeting held on 21/07/2025 perused the case and minutes of the 583rd meeting of SEAC-2 held on

04/03/2025. Project proponent submitted the required documents for the following matters vide their letter dated 21.07.2025 :-

- PP submitted the latest past production details issued by mining department of financial year 2022-23 and 2023-24 vide letter dated 02.07.2025.
- Project proponent submitted the notarized affidavit.

It is noted that original application is for mining of Flagstone (Minor Minerals) of capacity – 200 cubic meter/year (500 TPA). After deliberation, SEIAA unanimously accepted the recommendation of SEAC-2 and decided to grant environmental clearance for mining of Flagstone (Minor Minerals) capacity – 200 cubic meter/year (500 TPA) at Khasra no. 180, 178/4 and 181/4, Area – 0.33 Hectare of Village - Barbaspur, Tehsil & District – Mahasamund, Chhattisgarh as per the EIA Notification, 2006 (as amended) listed in Schedule 1(a) Mining of minerals under Category “B1”.

3. This Environment Clearance is for mining of Flagstone (Minor Minerals) capacity – 200 cubic meter/year (500 TPA) at Khasra no. 180, 178/4 and 181/4, Area – 0.33 Hectare of Village - Barbaspur, Tehsil & District – Mahasamund, Chhattisgarh.
4. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1 (Part A, B and C)/ EIA & EMP Reports 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 21/07/2025. 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. Details of the minerals to be mined along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form 1 (Part A, B and C) presented are annexed to this EC as Annexure (1).
7. The SEAC, in its meeting held on 04/03/2025, based on information & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues 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**

<b>S.No.</b>	<b>Address</b>
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, Mahasamund, District- Mahasamund (C.G.) for information and necessary action.
7	Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Raipur for information and necessary action.

**Annexure 1**

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

**1. Specific Conditions**

S. No	EC Conditions
1.1	<ol style="list-style-type: none"> <li>1. Project proponent shall complete the restoration work of excavated 7.5 meter wide safety green belt area within 3 months from the date of issue of this EC letter.</li> <li>2. Project proponent shall complete the plantation work in the 7.5 wide green belt area on or before September 2025.</li> <li>3. Chhattisgarh Environment Conservation Board shall ensure that the restoration work within 6 months and plantation work in the 7.5 wide safety green belt area on or before September 2025. CECB will inspect the work of restoration and plantation and after satisfying that the works have been completed shall issue the CTO/Renewal.</li> <li>4. Project Proponent shall follow the SOP issued by CECB for transportation.</li> <li>5. Garland drain should be properly constructed so that mine water will not be discharge outside the premises under any circumstances. Mine water will be provided to the local villagers for agriculture purpose after proper treatment mine water</li> </ol>

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

1.

S. No	EC Conditions
1.1	<p><b>Additional EC Conditions</b></p> <ol style="list-style-type: none"> <li>1. No excavation work will be done in the future around the mine area (area restricted for excavation).</li> <li>2. Top soil will be kept in the restricted area for excavation of the lease area and PP shall ensure to conserve the top soil for reclamation of mine and for plantation.</li> <li>3. Dense plantation of trees (414 nos) on the 7.5 meter wide safety zone around mine lease area (area restricted for excavation) and ensuring a 90 percent survival rate of the planted plants.</li> <li>4. The project proponent shall complete restoration of excavated part of 7.5 meter wide safety zone within six months and also complete plantation in 7.5 meter wide safety zone in the first monsoon season from issue date of environment clearance.</li> <li>5. Regular water sprinkling arrangements in the mine lease area and also in haul road to control the fugitive dust emissions.</li> <li>6. Employment provided to the local people under the Chhattisgarh Model Rehabilitation Policy.</li> <li>7. 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>8. There should be regular monitoring of the mining activities in the State to ensure effective compliance of stipulated EC conditions and of the provisions under the Minor Mineral Concessions Rules framed by the State Government.</li> <li>9. Project proponent shall ensure that mining operation shall be carried out after sunrise and before sunset.</li> </ol>

S. No	EC Conditions
	<p>10. The pollution load due to transportation on the environment shall be effectively controlled and water sprinkling shall also be done regularly.</p> <p>11. Project proponent shall ensure that the construction of boundary pillars as per Mineral Concession Rules, 1960 (as amended).</p> <p>12. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.</p> <p>13. 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>14. Project proponent shall submit Completion certificate of proposed plantation under CER activities, CEMP, 7.5 meter wide safety barrier plantation along with Geotag photographs in six monthly compliance report.</p> <p>15. Project proponent shall ensure that fulfillment of the assurance given to the local villagers regarding resolution of various issues raised during public hearing.</p> <p>16. Project proponent shall ensure to appoint one environment expert to ensure the compliance of EC conditions and mining plan.</p> <p><b>Standard EC conditions -</b> Statutory compliance:</p> <ol style="list-style-type: none"> <li>1. The Environmental clearance shall be subject to orders issued by the 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 or competent authority for usage of water.</li> <li>7. Solid/hazardous waste generated in the mines needs to addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous &amp; Other Waste Management Rules, 2016.</li> <li>8. Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.</li> </ol>

S. No	EC Conditions
	<p>9. The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.</p> <p>10. The Project Proponent shall inform the MoEF&amp;CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.</p> <p>11. Validity of EC is as per life of the mine mentioned in EC letter or 30 years from lease execution date (i.e. 18/05/2039) as per EIA Notification, 2006 and its amendments therein.</p> <p>Air quality monitoring and mitigation measure:</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 minerals, 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. PP to install solar lights along the road used for transportation to avoid the accidents at night and also seek its maintenance.</li> <li>6. The transportation of mineral shall be carried out as per the provisions and route proposed in the approved mining plan. Road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.</li> <li>7. 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 centers.</li> <li>8. Water sprinkling arrangement shall be provided to reduce the impact of air pollution.</li> <li>9. Post environmental closure third party monitoring by reputed instituted in air quality, water, land &amp; soil etc shall be carried out and analyses with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&amp;CC for compliance.</li> </ol> <p>Water quality monitoring and mitigation measures:</p> <ol style="list-style-type: none"> <li>1. Regular monitoring of ground water level and quality shall be carried out in and</li> </ol>

S. No	EC Conditions
	<p>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.</p> <ol style="list-style-type: none"> <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> <li>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.</li> <li>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. The water pumped out from the mine, after siltation, shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>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.</li> </ol> <p>Noise and Vibration monitoring and prevention:</p>

S. No	EC Conditions
	<p>1. Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.</p> <p>2. The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.</p> <p><b>Mining Plan:</b></p> <ol style="list-style-type: none"> <li>1. Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.</li> <li>2. Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) and the relevant circulars issued by Directorate General Mines Safety (DGMS).</li> <li>3. 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.</li> <li>4. Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.</li> </ol> <p><b>Land Reclamation:</b></p> <ol style="list-style-type: none"> <li>1. Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan.</li> <li>2. Regular monitoring of subsidence movement on the surface over and around the 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.</li> <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. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.</li> </ol>

S. No	EC Conditions
	<p data-bbox="416 232 868 264">Public hearing and Human health issues</p> <ol data-bbox="469 271 1473 1397" style="list-style-type: none"> <li data-bbox="469 271 1473 338">1. Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.</li> <li data-bbox="469 360 1473 607">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 data-bbox="469 629 1473 741">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 data-bbox="469 763 1473 864">4. Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.</li> <li data-bbox="469 887 1473 999">5. 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 data-bbox="469 1021 1473 1122">6. PP to conduct need based assessment survey of the area 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 data-bbox="469 1144 1473 1223">7. Project proponent shall conduct health checkup facilities twice in a year for the villagers.</li> <li data-bbox="469 1245 1473 1312">8. PP must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages.</li> <li data-bbox="469 1335 1473 1397">9. PP to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius</li> </ol> <p data-bbox="416 1424 868 1456">Corporate Environment Responsibility:</p> <ol data-bbox="469 1462 1473 2002" style="list-style-type: none"> <li data-bbox="469 1462 1473 1637">1. The company shall have a well laid down environmental policy duly approve by the Board of Directors. 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> <li data-bbox="469 1659 1473 1760">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.</li> <li data-bbox="469 1783 1473 2002">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.</li> </ol>

S. No	EC Conditions																								
	<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 :</p> <p>Project Proponent Proposed combine project plan of CER work (Installation of Rain Water Harvesting) for 2 different nearby mine leases.</p> <p>Installation of Rain Water Harvesting shall be done under the provisions of Corporate Environment Responsibility at Shashkiya Uchch Prathmik Shala, Village- Kharora. The total amount of expenses in the five years will be Rs. 87,000/-.</p> <p>Amount/expense to be incurred by Project proponent for execution of his part in combined proposal of CER work is Rs. 18,000/- (respected to project cost). The consent of the headmaster of school has been submitted by the project proponent.</p> <table border="1" data-bbox="478 649 1468 1209"> <thead> <tr> <th colspan="4">Amount Proposed &amp; Details for CER Activities (in Lakh Rupees)</th> </tr> <tr> <th>Capital Investment (in Lakh Rupees)</th> <th>Percentage of Capital Investment to be Spent</th> <th>Amount Required for CER Activities (in Lakh Rupees)</th> <th>CER Fund Allocation (in Lakh Rupees)</th> </tr> </thead> <tbody> <tr> <td>4.76</td> <td>2%</td> <td>0.09</td> <td></td> </tr> <tr> <td colspan="4">Following activities will be undertaken at - Shashkiya Uchch Prathmik Shala, Village- Kharora</td> </tr> <tr> <td></td> <td></td> <td>Installation of Rain Water Harvesting</td> <td>0.18</td> </tr> <tr> <td></td> <td></td> <td>Total</td> <td>0.18</td> </tr> </tbody> </table> <p>6. The 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, plantation and Corporate Environmental Responsibility activities.</p> <p>Miscellaneous:</p> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.</li> </ol>	Amount Proposed & Details for CER Activities (in Lakh Rupees)				Capital Investment (in Lakh Rupees)	Percentage of Capital Investment to be Spent	Amount Required for CER Activities (in Lakh Rupees)	CER Fund Allocation (in Lakh Rupees)	4.76	2%	0.09		Following activities will be undertaken at - Shashkiya Uchch Prathmik Shala, Village- Kharora						Installation of Rain Water Harvesting	0.18			Total	0.18
Amount Proposed & Details for CER Activities (in Lakh Rupees)																									
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		Total	0.18																						

S. No	EC Conditions
	<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) Act, 1986.</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	Barbaspur Farshi Pathar Quarry of Jagdish Stone Industries by Mrs. Chanda Tawri	
b.	Latitude and Longitude of the project site	21.17851836002656,82.02336233467697 21.17958564067326,82.02385557152951	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	0.33
		Forest Land (B)	0
		Total Land (A+B)	0.33
d.	Date of Public Consultation	Public consultation for the project was held on 2024-01-31	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	4.76	
g.	EMP Cost (in lacs)	11.19	
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
Farshi Pathar	Minor	500.0	Above production capacity is given in tonn per year. 500 TPY is equal to 200 cubic meter per year. Please consider TPY and Cubic meter per year both unit capacity for issuing EC so that controversy of royalty calculation can be avoided in future.

**M/s Barbaspur Farshi Pathar Quarry of Jagdish Stone Industries  
(Proprietor – Smt. Chanda Tawri)  
Village - Barbaspur,  
Tehsil & District - Mahasamund  
(File No. – 2200)**

Subject	Details related to the applied case
Online Application	ToR Proposal no. – 405818 EC Proposal no. - 475020 Applied Date - 06/08/2024
Nature of Project	Existing (Reappraisal)
Type Of Mine	Flagstone (Minor Minerals)
Applied Area (Ha.) & Capacity (Cum)	0.33 Ha. & 200 cubic meter/year (500 TPA)
Khasra no.	180, 178/4 and 181/4
Land	Private
Land Owner's Name (If Private) & Consent	The land is in the name of applicant.
Details of Meeting	SEAC - 2 Intimation Email for Presentation Date : 28/02/2025 583rd Meeting, Dated : 04/03/2025
Representatives present for presentation	Mr. Jagdish Tawri Authorized Representatives Consent of Authorized Representatives- Submitted EIA Consultant – Dr. Deo Narayan (Ultra-Tech Environmental Consultancy and Laboratory, Thane)
Details of Old EC	Type of Mine – Flagstone Quarry (Minor Minerals) Khasra number - 180, 178/4 and 181/4 Area – 0.33 Ha Capacity – 1,516.5 Cum/year Date – 16/01/2017

	<p>Validity period – 15/01/2021</p> <p>9A. Notwithstanding anything contained in this notification, the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearances granted under the provisions of this notification in view of outbreak of Corona Virus(COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.</p> <p>As per the above notification, the validity of environmental clearance will be from the date of issue till 15/01/2022.</p> <p>(issued by DEIAA)</p> <p>District - Mahasamund</p>
Compliance Report of Old EC	Submitted : Yes
Past Production certified by the Mineral Department (Year wise)	<p>Date - 23/08/2021</p> <p>Year –Production (In Cubic meter)</p> <p>2017 - Nil</p> <p>2018 - 193</p> <p>2019 - 275</p> <p>2020 - 597</p>
Gram Panchayat NOC	<p>Village - Barbaspur</p> <p>Date : 14/04/2022</p>
Approved Mining Plan	Date : 21/09/2022
500 meter	<p>Date : 04/02/2022</p> <p>No. of other mines – 69, Area – 40.27 Ha.</p> <p>Total no. of mines in cluster – 70, Area – 40.60 Ha.</p>
200 meter	<p>Date : 23/08/2021</p> <p>Other Restricted Area – No</p>
Lease deed	<p>Name of Old Lease holder – Mr. Brijesh Chandrakar</p> <p>Name of Present Lease holder – Mr. Jagdish Stone Industries Pro. Smt. Chanda Tawri</p> <p>Lease transfer date – 19/12/2018</p> <p>Date - 19/05/2009 to 18/05/2039</p> <p>Validity Period –30Years</p>
Forest Department NOC	<p>Issued by Divisional Forest Officer, General Forest Division, Mahasamund</p> <p>Dated : 01/05/2009 Aerial distance from forest area – 15 km.</p>
Nearest Habitation/Structure	<p>Village - Barbaspur 1.3 km</p> <p>School - Barbaspur 1.6 km</p> <p>Hospital - Mahasamund 8.3 km</p> <p>National Highway – 1.5 km</p>

	<p>State Highway – 14.7km  River - Mahanadi 510 meter  Nalla – 1 km  Pond – 1.45 km  Canal - 640 meter</p>
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 – Opencast Manual Method  Drilling &amp; Blasting – No  According to mining Plan  Reserves  Geological Reserves – 3,520 cubic meter(8,800 tonne)  Minable Reserves – 1,006 cubic meter(2,515 tonne)  Proposed Depth - 4 Meter  Bench Height – 2 meter  Bench width – 2meter  Life of Mine – 5 Year  Year Wise Production Detail –  1st Year - 200 Cum  2nd Year- 200 Cum  3rd Year- 200 Cum  4th Year – 200 Cum  5th Year – 200 Cum</p>
Restricted Area for Mine (Mine Safety Area)	<p>Area of 7.5 m wide safety zone – 2,117 m<sup>2</sup>  Excavated – Yes  Mentioned in Mining Plan -Yes</p>
Restoration plan for excavated 7.5 meter safety zone	<p>As per the approved mining plan, the total area of 7.5 meter mine boundary of the applied mine is 2,117 sq.m. whose average length is 282.27 m and width is 7.5 m.</p> <ol style="list-style-type: none"> <li>1. Pit-1 area of safety boundary is 300 sq.m., 4 m deep dug out whose length is 40 m and width is 7.5 m.</li> <li>2. Pit-1 area of excavated safety boundary will be backfilled with approximately 2,400 cubic meter of murrum, overburden and bad stone by creating a 60 degree slope, along with this, 0.50 m thick pitching will be done in the boundary slope by using 160 cubic meter of stone to strengthen the slope of the boundary.</li> <li>3. Pit-2 area of the safety boundary is 210 sqm, 13 m deep dug out, which is 28 m long and 7.5 m wide.</li> <li>4. The Pit-2 area of the excavated safety boundary will be backfilled using approximately 5,460 m<sup>3</sup> of murrum, overburden and bad stone to form a 60 degree slope. Along with this, 0.50 m thick pitching will be done in the boundary slope using 364 m<sup>3</sup> of stone to strengthen the boundary slope.</li> </ol> <p>So, the excavated lease area will be backfilled in this manner.</p>

Non mining zone	No
Top Soil / Over Burden Management Plan	<p>1,006 cum top soil generated from mine as per approved mine plan. 440 cum topsoil will be stacked along with 167 m long 7.5 m outer mine safety zone (mine boundary) with maximum 1 m height and 28 degree of slope and plantation will be done.</p> <p>Rest of 566 cum top soils will be preserved over unused or backfilled part of land within lease area.</p> <p>Preserved top soil will be shifted for spraying over reclaimed land at progressive mine closure / conceptual stage.</p>
Water Requirement	<p>Quantity – 4 KLD</p> <p>Source – Borewell, Existing water in old pit</p> <p>NOC from the concerned Department / Branch – Central Ground Water Authority NOC submitted</p>
Plantation Work	<p>Plantation of trees around 7.5 meters of lease area - Total Plantation – 414 nos</p> <p>Current Plantation – 100 nos (as per previous EC)</p> <p>Proposed Plantation – 314 nos</p> <p>Total amount proposed for plantation with 5 year maintenance -Rs. 10,24,000/-</p>
TOR issued	<p>Serial no.- 10 ,Date - 03/04/2023,</p> <p>Standard ToR of 1(A) with public hearing</p>
Analysis of EIA report	<p>Monitoring Period - October 2021 to December 2021</p> <p>Quality measurement site:</p> <p>Ambient Air - 24</p> <p>Ground water - 12</p> <p>Surface Water - 12</p> <p>Noise level - 24</p> <p>Soil Samples – 12</p> <p>PM<sub>2.5</sub> - 10 to 28 Microgram/cubic meter</p> <p>PM<sub>10</sub> - 50 to 74 Microgram/cubic meter</p> <p>SO<sub>2</sub> - 5 to 18 Microgram/cubic meter</p> <p>NO<sub>2</sub> - 6 to 15 Microgram/cubic meter</p> <p>Noise level - dB (A)</p> <p>Day Leq&amp; 43.8 dB to 59.1 dB</p> <p>Night Leq&amp; 37.0 dB to 49.40 dB</p> <p>is less than the prescribed standard level of the area.</p> <p>Flora &amp; Fauna Study - Submitted</p>
P.C.U. Calculation	<p>For Existing</p> <p>For Node 1 (Junction of village road and road coming from all mine site of Barbaspur&amp;Ghodhari)</p> <p>Volume - 40 PCU/hr.</p> <p>V/C ratio - 0.086, A (Excellent)</p> <p>For Node 2 (Junction at highway - NH-53 from Raipur to Pithora road and road coming from all mine site of Barbaspur&amp;Ghodhari)</p>

	<p>Volume 288.45 PCU/hr. V/C ratio – 0.24, B (Very Good) For Node 3 (Junction of village road and road coming from all mine site of Birkoni) Volume – 38.50 PCU/hr. V/C ratio – 0.083, A (Excellent) For Node 4 (Junction at highway - NH-53 from Raipur to Pithora road and road coming from all mine site of Birkoni) Volume 295.10 PCU/hr. V/C ratio – 0.24, B (Very Good) For After Project For Node 1 (Junction of village road and road coming from all mine site of Barbaspur&amp;Ghodhari) Volume - 52 PCU/hr. V/C ratio - 0.11, A (Excellent) For Node 2 (Junction at highway - NH-53 from Raipur to Pithora road and road coming from all mine site of Barbaspur&amp;Ghodhari) Volume 480.85 PCU/hr. V/C ratio – 0.40, B (Very Good) For Node 3 (Junction of village road and road coming from all mine site of Birkoni) Volume – 50.50 PCU/hr. V/C ratio – 0.10, A (Excellent) For Node 4 (Junction at highway - NH-53 from Raipur to Pithora road and road coming from all mine site of Birkoni) Volume 487.5 PCU/hr. V/C ratio – 0.40, B (Very Good)</p>
G.L.C. Calculation	<p>PM2.5 - max. value 28.76 Microgram/cubic meter PM10 - max. value 75.26 Microgram/cubic meter SO2 - max. value 20.19 Microgram/cubic meter NO2 - max. value 15.21 Microgram/cubic meter Below the prescribed Indian standard limit.</p>
Public Hearing	<p>Date - 31/01/2024 Time – 12:00 PM Place – Gram Panchayat Bhawan Barbaspur, Tehsil &amp; District - Mahasamund The public hearing document has been sent by the letter dated 10/05/2024 of Member Secretary, Chhattisgarh Environment Conservation Board, Nava Raipur Atal Nagar, District-Raipur.</p>
Public Hearing	<p>The following suggestions/ideas have been presented:- 1. A drain has emerged from the Mahanadi and the field above that drain remains submerged in water for weeks. It has been filled up so badly that the stream has started flowing in the opposite direction. The field remains submerged for weeks and due to this the paddy rots. 2. Mine owners dumping debris on villagers land without any consent.</p>

	<p>3. Mine owners shall recruit rural local women employees.</p> <p>The statement regarding resolution is as follows:-</p> <ol style="list-style-type: none"> <li>1. To prevent natural water flow from entering the mine, it is proposed to construct a garland drain by building a bund in the project. To keep the natural water flow smooth, a proper drain will be constructed around the mine.</li> <li>2. We will not dump soil or overburden or other materials outside the mine area, around any public place or in government land. The mine will be operated completely legally and as per the approved excavation plan. The mine will be duly demarcated and fenced from all sides and mining will be carried out as per the approved excavation plan.</li> <li>3. According to the Chhattisgarh Government's ideal rehabilitation and employment policy, local villagers will be provided direct or indirect employment in the project on the basis of their qualification and experience. Rural local women will also be provided employment as per their qualification.</li> </ol>
C.E.M.P.	<p>Proportionate budget under common EMP of cluster applicants for 5 years for the proposed work - Rs 1,67,60,000/-</p> <p>Participation of Project Proponent: Amount for 5 years for the proposed work -Rs 95,800/-</p>
Category	<p>B1</p> <p>The total area including the applied mine is 40.60 Ha.</p>
Affidavits	<p>Affidavits submitted regarding –</p> <ul style="list-style-type: none"> <li>• Top soil preservation &amp; storage.</li> <li>• Completion certificate of 7.5 meter plantation and proposed work under CER activities will be submitted along with Geotag photographs in six monthly compliance report.</li> <li>• 90% survival rate of Plantation.</li> <li>• Demarcation will be done by boundary pillars as Mineral Concession Rules.</li> <li>• Water sprinkling arrangements for fugitive dust emission.</li> <li>• Any type of polluted water will not be released into any natural water source.</li> <li>• Employment given to the local people as per the rules of the State Government.</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 the Ministry of Environment, Forest and Climate Change, Government of India.</li> <li>• Writ petition (S) Civil No. 114/2014 common cause vs. issued by the Honorable Supreme Court on 08/01/2020. Union of India &amp; Ors. The guidelines given in will be followed.</li> </ul>

- We will follow the instructions given in the Office Memorandum dated 28/04/2023 issued by the Ministry of Environment, Forest and Climate Change, Government of India, New Delhi.
- The direction given by the Honourable Supreme Court on 02/08/2017 in common cause vs Union of India writ petition (C) 114 of 2014 will be followed.
- The conditions given in the environmental clearance will be followed.
- It will be my responsibility to protect all the interests related to the land of the owners of the land applied for excavation and to follow all the rules of India.
- we will fulfill all the assurances given to the villagers regarding the resolution of various issues during the public hearing.
- We will form an Environment Committee comprising all the applicants in the cluster, on which an environmentalist will be appointed.
- Amount/expense to be incurred by Project proponent for execution of his part in combined proposal of CER work.

**Total Project Cost**

**Rs. 4.76 Lakh/-**

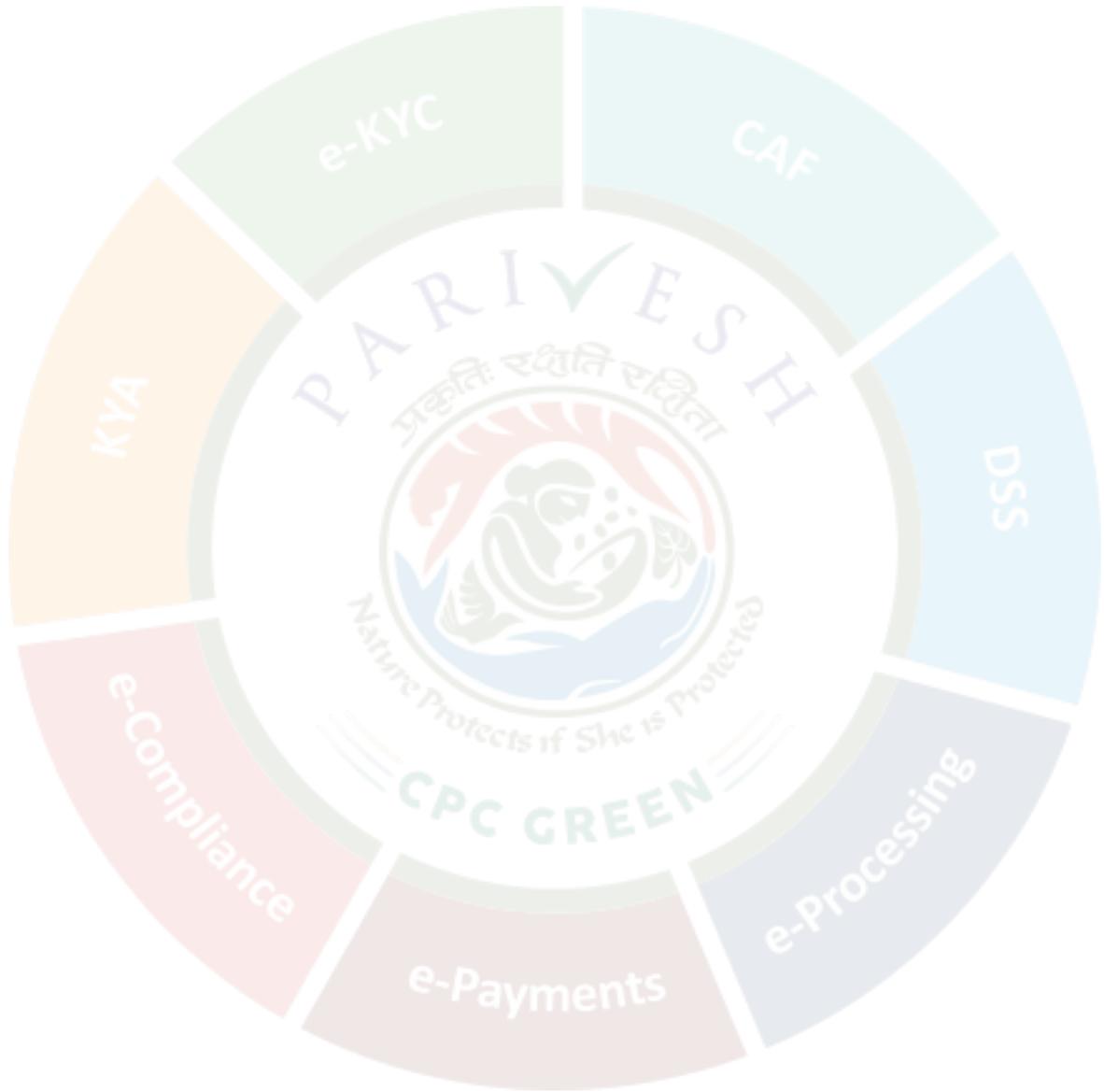
**CER Details :**

Project Proponent Proposed combine project plan of CER work (Installation of Rain Water Harvesting) for 2 different nearby mine leases.

Installation of Rain Water Harvesting shall be done under the provisions of Corporate Environment Responsibility at Shashkiya Uchch Prathmik Shala, Village- Kharora. The total amount of expenses in the five years will be Rs. 87,000/-.

Amount/expense to be incurred by Project proponent for execution of his part in combined proposal of CER work is Rs. 18,000/- (respected to project cost). The consent of the headmaster of school has been submitted by the project proponent.

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)
4.76	2%	0.09	Following activities will be undertaken at -	



			Shashkiya Uchch Prathmik Shala, Villa ge- Kharora	
			Installation of Ra in Water Harvesti ng	0.18
			Total	0.18