

Minutes of 15th meeting of Expert Appraisal Committee for the proposal involving violation of EIA Notification, 2006 to be held on 27th-29th November, 2018 at Conference Hall (Indus), Ground Floor, Jal Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003

Day 1: Tuesday, 27th November, 2018

Time: 10:00 AM

15.1. Opening remarks of the Chairman

15.2. Confirmation of the minutes of the 14th meeting held on 22th -24th October, 2018 at Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi

15.3. Consideration of proposals

S.NO	Proposals
15.3.1	<p>Residential Building Project "Kent Hail Garden" at Sy. Nos. 135/2, 138 and 226/1 of Village Elamkulam, Taluk Kanayannur, District Ernakulam (Kerala) by M/s Kent Constructions Pvt. Ltd. - Further consideration of Terms of Reference.</p> <p>[Old Proposal No. IA/KL/NCP/65726/2017] [IA/KL/NCP/67123/2017] [F.No.23-92/2018-IA.III (V)]</p>
15.3.1.1	<p>M/s Kent Constructions Pvt. Ltd. has made online application vide proposal no. IA/KL/NCP/67123/2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006.</p>
15.3.1.2	<p>Details of the project as per the submission of project proponent:</p> <p>The project involves construction of residential building by M/s Kent Constructions Pvt Ltd with total built up area of 29,687.51 sqm in total plot area of 237226.72 sqm at Sy. Nos.135/2, 138 and 226/1 of Village Elamkulam, Taluk Kanayannur, District Ernakulam (Kerala).</p> <p>M/s Kent constructions Pvt Ltd was granted building permit for construction of residential apartments comprising of 2 towers at Sy. Nos.138 and 226/1 of Village Elamkulam, Taluk Kanayannur, District Ernakulam by the Cochin Corporation. The project proponent unaware of the EIA Notification, 2006, started the construction of this project after obtaining following statutory approvals.</p> <p>(i) Building Permit from Cochin Corporation dated 22/8/2006.</p> <p>(ii) Consent to Establish from Kerala State Pollution Control Board dated 29.03.2011.</p> <p>(iii) NOC from Fire and rescue services, Govt. of Kerala.</p> <p>(iv) Height clearance approval from Southern naval Command.</p> <p>The said project/activity is covered under category B of item 8(a) of the Schedule to the EIA Notification, 2006, and requires prior EC from the SEIAA in Kerala based on the appraisal by SEAC. Due to non-existence of SEIAA/SEAC in Kerala, the proposal was appraised at central level in the Ministry.</p> <p>The construction was reported to be started in August, 2006 and completed on 18th June, 2010 in December, 2012 without obtaining the prior EC. Now the proposal has been submitted for</p>

	consideration in pursuance of the Ministry's Notification dated 14 th March, 2017 due to violation of the EIA Notification, 2006.
15.3.1.3	<p>Above proposal was considered in 6th meeting held during 20.04.2018 wherein the EAC, after deliberations, observed that many of the proceedings related to consideration of the proposal were not informed in letter and spirit. The project proponent was asked to submit the complete details in the format for further consideration of the proposal.</p> <p>The proposal was, therefore, not taken forward.</p>
15.3.1.4	<p>Observations and recommendations of committee:</p> <p>The EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for the following:</p> <p>(i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate or occupancy certificate to be issued till the project is granted EC.</p> <p>(ii) Grant of Terms of Reference for undertaking EIA and preparation of Environment Management Plan (EMP) as enumerated in Annexure.</p> <p>(iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.</p> <p>(iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.</p> <p>(v) The remediation plan and the natural and community resource augmentation plan to be prepared as an in dependent chapter in the EIA report by the accredited consultants.</p> <p>(vi) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the SEAC and finalized by the concerned regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the concerned regulatory authority.</p> <p>(vii) Detailed water balance statement to be submitted along with EIA/EMP report.</p>
15.3.2	<p>Proposed Synthetic Organic Chemical (Fine chemicals, Bulk drugs and intermediates) manufacturing unit at plot no. F2 of MIDC, Chincholi, District Sholapur (Maharashtra) by M/s Challa Chlorides Pvt. Ltd. - Terms of Reference.</p> <p>[IA/MH/IND2/68692/2017 dated 12.09.2017] [F. No. 23-120/2018-IA.III (V)]</p>
15.3.2.1	<p>M/s Challa Chlorides Pvt. Ltd has made online application vide proposal no. IA/MH/IND2/68692/2017 dated 12.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under item 5(f) of the Schedule to the EIA Notification, 2006.</p>

15.3.2.2	The project proponent requested to defer the project as they were unable to attend the 8 th EAC meeting (Violation) held on 13-14 th June 2018
15.3.2.3	<p>Observation:</p> <p>The proposal was again considered in this EAC meeting (Violation). Proponent attended the meeting and requested the committee to defer the proposal, as he was not ready with the presentation. Hence, the proposal was deferred on request of project proponent.</p>
15.3.3	<p>Expansion of Leela Hotel at Diplomatic Enclave, Africa Avenue, Netaji Nagar, Chanakyapuri, New Delhi by M/s Hotel Leela Venture Ltd. - Terms of Reference.</p> <p>[IA/DL/NCP/67057/2017 dated 31.07.2017] [F. No. 23-96/2018-IA.III (V)]</p>
15.3.3.1	M/s Hotel Leela Venture Ltd. has made online application vide proposal no. IA/DL/NCP/67057/2017 dated 31.07.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006.
15.3.3.2	<p>Details of the project as per the submission of project proponent:</p> <p>M/s Hotel Leela venture Ltd. has enhanced the Built-up Area of Leela Hotel at Diplomatic Enclave, Africa Avenue, Netaji Nagar, Chanakyapuri, New Delhi-110023. The project has been developed on the total plot area of 12,140 m². The total built up area has been enhanced to 62,985.83 m². The development is done in accordance with Delhi Building Bye Laws, 1983.</p> <p>M/s Hotel Leela venture Ltd. has been allotted the land vide allotment cum conveyance Deed Registration no. 3682 dated 04.04.2008. The project is currently in operational phase.</p> <p>The project has been granted Consent to Establishment (CTE) by Delhi Pollution Control Committee (DPCC) vide Consent Order No. DPCC/CMC/2009/19968 dated 31/03/2009.</p> <p>The project has been granted Consent to Operate (CTO) by Delhi Pollution Control Committee vide Certificate No. O-014412 dated 10.12.2010. The CTO was renewed vide Certificate No. O-021814 dated 31.01.2014. The application for renewal of CTO has been submitted to DPCC on 20-09-2018. The Leela Palace Hotel has also been granted Platinum Rating in Indian Green Building Rating System by Indian Green Building Council. The Project is designated under Category "B" and falls under Item 8(a) (Building & Construction) of the Environmental Impact Assessment (EIA) Notification of September 14, 2006 and its amendments.</p>
15.3.3.3	The Proposal was earlier listed for Term of Reference in 7 th Meeting scheduled on 17.05.2018 the proponent has not attended the meeting and therefore was deferred.
15.3.3.4	<p>Observations and recommendations of committee:</p> <p>The EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for the following:</p> <p>(i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate or occupancy certificate to be issued till the project is granted EC.</p> <p>(ii) Grant of Terms of Reference for undertaking EIA and preparation of Environment Management Plan (EMP) as enumerated in Annexure.</p> <p>(iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited</p>

	<p>by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.</p> <p>(iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.</p> <p>(v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.</p> <p>(vi) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the SEAC and finalized by the concerned regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the concerned regulatory authority.</p> <p>(vii) Certified compliance report of earlier EC to be submitted.</p> <p>(viii) Certificate from Chief Wildlife Warden that the distance from the project site to Okhla Bird Sanctuary and Asola Wildlife Sanctuary.</p>
15.3.4	<p>Manufacturing MS bars, MS angles, Flts, Fe-Mn& Si-Mn ferroalloys at Jambad P.O. Udanbad, District Giridih (Jharkhand) M/s Shivam Iron & steel Co, Ltd. - Further consideration for Terms of Reference.</p> <p>[IA/JH/IND/74090/2018 dated 09.04.2018] [F. No. 23-140/2018-IA.III (V)]</p>
15.3.4.1	<p>M/s Shivam Iron & steel Co, Ltd. has made online application vide proposal no. IA/JH/IND/74090/2018 dated 09.04.2018 seeking Term of References for the above mentioned proposed project. The proposed project activity is listed at 3(a) Metallurgical industries (ferrous & non ferrous) of EIA Notification, 2006 and the proposal was appraised at Central level.</p>
15.3.4.2	<p>Details of the project as per the submission of project proponent:</p> <p>The project involves manufacturing of TMT rods 27,000 TPA, Ferro alloys 37,400TPA & producer gas of production capacity 8,000 Nm³/hr by M/s Shivam Iron & Steel co. Ltd in an area of 15,36,954 sqm , village - Jambad, Taluka/Mandal - Udanabad, District – Giridih, Jharkhand. The said project is covered under category A of item 3(a) of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee.</p> <p>The plant/unit was earlier set up with the consent to establish dated from the State Pollution Control Board. Subsequently, the unit is reported to be in operation with consent to operate renewed from time to time by the SPCB. The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under:</p> <ol style="list-style-type: none"> 1) CTO -175 (C), dated 27.1.2015 from JSPCB for 170 TPD billet renewed up to 30.9.2017 1x7 T IF of capacity 16,000 TPA has been set up there after without NOC/EC 2) CTE B-2743, dated 28.04.2016 from JSPCB for 27,000 TPA Rolling mill running without CTO again capacity has been increased to 54,000 TPA with introduction of CCM and abolition of heating furnace. 3) EC has been taken vide J-11011/365/2009-IA II (I), dated 29.10.2010 but 4x6 MVA ferro alloy plant have been installed and producing Fe-Mn, Si-Mn& Fe-Cr. 4)CTO D-176 (C), dated 27.01.2015 from JSPCB for 50 TPD IF has not been in operation 5) NOC taken vide T-3865, dated 7.09.2000 for 15 TPD section mill renewed up to 30.09.2015 but there after not renewed and mean while capacity has been increased to 120 TPD.

	<p>6).1x60 TPD sheet Re-rolling mill is running to manufacture MS and GI pipes without EC</p> <p>7) Without EC 8,000 Nm³/hr Coal gasifier is running for Re-rolling mill without EC.</p> <p>Now proposal has been submitted to the ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA notification, 2006.</p>
15.3.4.3	<p>Above proposal was considered in 8th meeting held during 14.06.2018 wherein the EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, the committee observed that proponent has not submitted detailed chronological events of proposal for establishing violation. Hence proposal was deferred.</p>
15.3.4.4	<p>Observation of the committee:</p> <p>Committee advised submit revised Form-1 application and accordingly PP submitted the revised Form-1 with following changes.</p> <p>The project involves manufacturing of TMT rods 54000 TPA TMT ,40000TPA section mill, 37,400TPA Ferro alloys, 20000 MS Metal sheets ,8000Nm³ /hr Coal Gasfire, 800 TPA Jigging Plant and 6400 TPA Coal Crusher and 19200 TPA GIA Pipes by M/s Shivam Iron & Steel co. Ltd in an area of 9.5 ha, village - Jambad, Taluka/Mandal - Udanabad, District – Giridih, Jharkhand. The said project is covered under category A of item 3(a) of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee.</p> <p>Recommendations of committee:</p> <p>The EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP): -</p> <p>(i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate or occupancy certificate to be issued till the project is granted EC.</p> <p>(ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.</p> <p>(iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.</p> <p>(iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.</p> <p>(v) The remediation plan and the natural and community resource augmentation plan to be prepared as an in dependent chapter in the EIA report by the accredited consultants.</p> <p>(vi) The PP is required to conduct public hearing as per EIA notification, 2006.</p> <p>(vii) Fresh one season base line data is to be collected.</p>

	<p>(viii) Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.</p> <p>(ix) Details of water balance statement .</p> <p>(x) Detailed process flow diagram.</p> <p>(xi) Details about pollution control equipment and mass balance statement.</p> <p>(xii) Detailed Hydro geological study as per the GEC-2015 guidelines.</p>
15.3.5	<p>M/s Shivam Iron & Steel Co. Ltd at BandiDighu, P.O. Chandwara, Jhumritelaiya, District Koderma (Jharkhand) - Further consideration for Terms of Reference.</p> <p>[IA/JH/IND/74132/2018 dated 10.04.2018] [F. No. 23-142/2018-IA.III (V)]</p>
15.3.5.1	<p>M/s Shivam Iron & steel Co, Ltd. has made online application vide proposal no. IA/JH/IND/74132/2018 dated 10.04.2018 seeking Term of References for the above mentioned proposed project. The proposed project activity is listed at 3(a) Metallurgical industries (ferrous & non ferrous) of EIA Notification, 2006 and the proposal was appraised at Central level.</p>
15.3.5.2	<p>Details of the project as per the submission of project proponent:</p> <p>The project involves manufacturing 3 X 100 TPD DRI Kiln by M/s Shivam Iron & Steel co. ltd in an area of 9.26 ha at village– Bandi Digdhu, Taluka/Mandal – Jhumri Telaiya, District – Koderma, Jharkhand.</p> <p>The said project is covered under category A of item 3(a) of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee.</p> <p>Consent to Establish vide letter no B-1566 dated 30.06.2001 and Letter no N/461 dated 03.08.2005 have been obtained for 3 x 100 TPD DRI Kilns. 2X100 TPD DRI Kilns are in operation with CTO valid till 30.06.2018.</p> <p>The erection of the 3rd 100 TPD DRI kiln started late and completed by 25.01.2014. The company applied CTO for the 3rd Kiln which was denied by the Technical committee of JSPCB on 24.04.2014 and it was decided not to consider CTO as the validity of CTE was not extended beyond 30.02.2006. The committee opines that first the issue of revalidation of NOC, N-461 dated 03.08.2006 is to be considered as per law and decision w.r.t disposal of CTO application is to be taken. It is accepted that construction has been done without renewal of CTE per EIA notification, 2006.</p> <p>Now the proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.</p>
15.3.5.3	<p>Above proposal was considered in 8th meeting held during 14.06.2018 wherein the EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, the committee observed that proponent has not submitted detailed chronological events of proposal for establishing violation. Hence proposal was deferred.</p>
15.3.5.4	<p>Observations and recommendations of committee:</p> <p>The EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP): -</p>

	<p>(i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate or occupancy certificate to be issued till the project is granted EC.</p> <p>(ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.</p> <p>(iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.</p> <p>(iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.</p> <p>(v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.</p> <p>(vi) The PP is required to conduct public hearing as per EIA notification, 2006.</p> <p>(vii) Fresh one season base line data is to be collected.</p> <p>(viii) Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.</p> <p>(xi) Details of water balance statement</p> <p>(x) Detailed process flow diagram</p> <p>(xi) Details about pollution control equipment and mass balance statement</p> <p>(xii) Detailed Hydro geological study as per the GEC-2015 guidelines</p>
15.3.6	<p>Limestone mining project of an area of 11.33.00 Ha near village Ranavav, Survey No. 78/5, Taluka Ranavav, District Porbandar (Gujarat) by M/s Shri Devabhai K Bhutiya - Further consideration for Terms of Reference.</p> <p>[IA/GJ/MIN/64676/2017 dated 13.05.2017] [F. No. 23-150/2018-IA.III (V)]</p>
15.3.6.1	<p>M/s Shri Devabhai K Bhutiya has made online application vide proposal no. IA/GJ/MIN/64676/2017 dated 13.05.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006 because Barda wildlife sanctuary is located at a distance of 2.5 Km, hence general condition is applicable and the proposal was appraised at Central level.</p>
15.3.6.2	<p>Details of the project as per the submission of project proponent:</p> <p>The project involves production of Limestone of production capacity 1,94,850 MTPA by Sh. Deva Kara Bhutiya in an area of 11.33 ha at, village: Ranavav, Tehsil Ranavav, District Porbandar, Gujarat. The said project/activity is covered under category A of item 1 (a) of the Schedule to the EIA Notification, 2006, because Barda wildlife sanctuary is located at a distance of 2.5 km, hence general condition is applicable and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee. Neither Consent to Establish nor Consent to Operate has been taken from the Gujarat State Pollution Control Board.</p>

	<p>The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under: -</p> <ul style="list-style-type: none"> • Application for EC was submitted to MoEF&CC 13/05/2017 • Appraisal by SEAC/EAC in its meetings :- Nil • Final observations/recommendations of the SEAC/ EAC :-Nil • Action taken by the State Government/SEIAA :- Nil • Complaint case filed by the State Government/State Pollution Control Board :- Nil • Further consideration of the proposal by the SEAC and recommendations :- Nil • Final recommendations of SEIAA :- Nil • Legal interventions, if any :- Nil <p>Now the proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.</p>
15.3.6.3	<p>Above proposal was considered in 10th meeting held during 11.07.2018 wherein the EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended to defer the proposal for want of following information from project proponent:</p> <p>(i) LOI/mine lease (second renewal) along with the valid documentary proof from the state department of Mines and Geology.</p> <p>(ii) Details of past production of mine since its inception duly authenticated by Department of Mines & Geology, State Government.</p> <p>(iii) Wild life clearance status.</p> <p>(iv) Permission from DGMS as state highway (SH-27) is passing through mine lease area.</p> <p>(v) Affidavit to be submitted regarding no drilling and blasting at the project site.</p> <p>(vi) Documents related to mining lease transfer.</p> <p>(vii) To submit the KML/Shape Files of the mine lease area at the time of presentation before EAC.</p>
15.3.6.4	<p>Observations and recommendations of committee:</p> <p>The project proponent could not submit the required documents and hence, requested to defer the proposal.</p>
15.3.7	<p>Limestone Mining Project with lease area of 12.14 Ha. at Survey No. 78/5 (Govt. Waste Land) and production capacity of 2,85,500 TPA. Near village Ranavav, Taluka Porbandar District Porbandar (Gujarat) by M/s Shri Udaysinh M. Jethwa - Further consideration for Terms of Reference</p> <p>[IA/GJ/MIN/64678/2017 dated 13.05.2017] [F. No. 23-165/2018-IA.III (V)]</p>
15.3.7.1	<p>M/s Shri Udaysinh M. Jethwa has made online application vide proposal no. IA/GJ/MIN/64678/2017 dated 13.05.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level because general condition applies.</p>
15.3.7.2	<p>Details of the project as per the submission of project proponent:</p> <p>The project involves Mining of Limestone of production capacity 1,25,025 MTPA by Sh. Deva Kara Bhutiya (Power of Attorney Holder) of Sh. Uday Singh M. Jethwa in an area of 12.14 Ha at Village Ranavav, Tehsil Ranavav, District: Porbandar, Gujarat. The said project/activity is</p>

	<p>covered under category A of item 1 (a) of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee. Neither Consent to Establish nor Consent to Operate has been taken from the Gujarat State Pollution Control Board.</p> <p>The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under: -</p> <ul style="list-style-type: none"> • Application for EC was submitted to MoEF&CC :- 13/05/2017 • Appraisal by SEAC/EAC in its meetings :- NA • Final observations/recommendations of the SEAC/ EAC :-NA • Action taken by the State Government/SEIAA :-NA • Complaint case filed by the State Government/State Pollution Control Board:- NA • Further consideration of the proposal by the SEAC and recommendations:- NA • Final recommendations of SEIAA :- NA • Legal interventions, if any: - NA. <p>Now the proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.</p>
15.3.7.3	<p>Above proposal was considered in 10th meeting held during 11.07.2018 wherein the EAC after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended to defer the proposal for want of following information from project proponent:</p> <p>(i) Submission of legal opinion of Power of Attorney.</p> <p>(ii) Details of past production of mine since its inception duly authenticated by Department of Mines & Geology, State Government.</p> <p>(iii) Status of wildlife clearance.</p> <p>(iv) Affidavit to be submitted regarding no drilling and blasting at project site.</p> <p>(v) Permission from the CGWA extraction of Ground water.</p> <p>(vi) Validity of LOI/mine lease along with the legible documentary proof.</p> <p>(vii) To submit the KML/Shape Files of the mine lease area at the time of presentation before EAC.</p>
15.3.7.4	<p>During the present meeting (15th EAC) the proponent submitted the following information:</p> <p>(i) Legal opinion on Power of Attorney.</p> <p>(ii) Details of past production certified by Mining Officer, Department of Geology and Mining, Government of Gujarat from the April, 1994 to till date.</p> <p>(iii) The application submitted to Deputy Forest Officer, Porbander for Wildlife Clearance as the Barda Wildlife Sanctuary is 1.73 km from the project site.</p> <p>(iv) Submitted affidavit regarding No Blasting to be done during mining operation.</p> <p>(v) Submitted lease validity document.</p>
15.3.7.5	<p>Observations and recommendations of committee:</p> <p>The EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification,</p>

	<p>2006 and recommended for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environmental Management Plan (EMP):</p> <p>(i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.</p> <p>(ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.</p> <p>(iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.</p> <p>(iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.</p> <p>(v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.</p> <p>(vi) Public Hearing (PH) to be conducted.</p> <p>(vii) Three months Baseline data to be collected.</p> <p>(viii) To submit the lease sketch/ lease co-ordinates approved by DMG, at the time of presentation before EAC for EC</p> <p>(ix) Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.</p> <p>(x) Detailed hydrological study to be carried out in core and buffer zone of the project as per recent GEC guidelines 2015.</p> <p>(xi) Letter from state government that the lease holder has not carried out any mining activity beyond the lease boundary.</p> <p>(xii) Certificate from Chief Wildlife Warden that the mining lease is located outside the ESZ boundary of Barda Wildlife Sanctuary.</p> <p>(xiii) Certificate from local DFO that no forest land is involved in mining lease area.</p> <p>(xiv) Submission of report in tabular form regarding issues raised during public hearing and commitment made by the PP.</p> <p>(xv) Permission from the CGWA extraction of Ground water.</p>
15.3.8	<p>Existing and proposed expansion of cosmaceutical, active pharmaceuticals and specialty chemicals manufacturing unit at Plot No. 36A/B/60/62/63/64/65 and 83 & 84, KIADB Industrial Area, Jigani village, Anekal Taluk, District Bengaluru (Karnataka) by M/s Kumar Organic Products Ltd. - Further consideration.</p> <p>[Old Proposal No. IA/KA/IND2/64539/2016 dated 06.05.2017] [IA/KA/IND2/67915/2017] [F. No. 23-47/2018-IA.III]</p>
15.3.8.1	<p>Details of the project as per the submission of project proponent</p>

	<p>The project involves manufacturing of cosmaceutical, active pharmaceuticals and specialty chemicals by M/s Kumar Organic Products Ltd (KOPL) at Plot No. 36A/B/60/62/63/64/65 and 83 & 84, KIADB Industrial Area, Jigani village, Anekal Taluk, District Bengaluru (Karnataka). The said project/activity is covered under category B of item 5(f) of the schedule to the EIA Notification, 2006, and requires prior EC from the SEIAA based on the appraisal by State Expert Appraisal Committee in Karnataka.</p> <p>The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under:-</p> <ul style="list-style-type: none"> • Application for EC was submitted to SEAC/SEIAA, Karnataka:- 7/4/2017 • Appraisal by SEAC in its meetings:- 19/4/2017 • Final observations/recommendations of the SEAC to the SEIAA/State Government: - SEAC in its meeting held on 19/4/2017, noted that the industry has gone for expansion in 2011 without obtaining prior EC, and also without consent to establish/operate. During the meeting, the proponent agreed the proposal involving violation of the EIA Notification, 2006. • Action taken by the State Government/SEIAA: - SEIAA in its 135th meeting held on 26-27 April, 2017 asked the project proponent to obtain EC in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006. <p>The proposal was submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.</p>
15.3.8.2	<p>Above proposal was considered in 4th & 6th EAC meeting wherein the EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for the grant of ToR.</p>
15.3.8.3	<p>KOPL has appealed to MoEF&CC to reconsider and requested EAC to absolve case of violation against the existing operations at plot 62 and plot 60/65 based on following facts:</p> <p>Appeal to absolve the case with regards to Plot 60 & 65:</p> <ul style="list-style-type: none"> • The existing facilities located on plot 65 are consented to produce Triclosan, Beta Arbutin and Noxide with a total consented capacity of 100.32 TPM in 2006. The facility has been adopting various environmental management programs and achieving highest environmental quality standards in the facility. Since the overall project cost is less than Rs 50 Cr, the facility did not attract the EIA Notification 1994. This also did not attract EIA Notification 2006 notification as the facility has obtained CFE before EIA notification 2006. Although the facility was consented to produce 100.32 TPM, the actual production capacity never exceeded 51 TPM. • The facility has obtained consent to establish and consent to operate for 100.32 TPM in 2007• with addition of new product 2,5, Dimethyl Indanone for which the consent to establish prior to EIA Notification 2006. Since the project cost is less than Rs. 5 Cr and the proposal was obtained consent to establish prior to EIA Notification 2006, this expansion proposal doesn't fall under EIA Notification 2006. • Further the production capacity was reduced from 100.32 TPM to 100.08 TPM in 2010, however new products Kopirox and Synovia are added, for which the necessary consent from KSPCB was obtained. Although there is a change in product mix scenario in 2010,

	<p>for which necessary consent was already issued by KSPCB, the overall consented production is below 2006 consent levels. As per the MoEF&CC circular dated 14th December 2006 , the production mix change that was envisaged in 2010 was a permitted activity.</p> <ul style="list-style-type: none"> The actual production throughput from the facility never exceeded more than 50% of the consented valued since 2006 to till date. Therefore the overall wastewater generation and pollution load from the facility far below the consented values and hence the possible environmental impacts are insignificant. Water and wastewater generation quantities are maintained within the consented levels. <p>•</p> <p>Appeal to absolve the case with regards to Plot 62:</p> <ul style="list-style-type: none"> The existing facilities located on plot 62 has a consented capacity of 41 TPM until 2010 for which the consent for establish and consent for operation has been granted by KSPCB from time. Since the overall project cost is less than Rs. 5 Cr, the facility did not attract the EIA Notification 1994. This also didn't attract EIA Notification 2006 as the facility has obtained CFE before EIA Notification 2006 and interim guidelines and also circular dated 13th October 2006 issued by MoEF&CC. Based on the market demand, KOPL has adopted product mix change scenario in the year 2010. Among the products that were consented prior to the year EIA Notification 2006, the following products C-16 Aldehyde, Allyl Caproate and Rose Oxide were dropped and the following new products N-Oxide, Carageenan, Indanone, Ascorbyl Palmitate and Stenol were added to the list for which necessary consent from KSPCB was obtained. As per the MoEF&CC circular dated 14th December 2006, the production mix change that was envisaged in 2010 was a permitted activity. Although the consented production capacity was marginally increased from 41 TPM to 42.4 TPM in 2010 by adopting product mix-change as stated above for which necessary consent for establish and consent for operation were obtained by KSPCB, the overall production capacity has never exceeded the consented level of 2006 (41 TPM). Based on this, it is derived that the emissions and discharges from the facility are maintained within the consented levels of 2006. In addition to this, the products such Carageenan and Stenol are herbal extract based products and these products were never manufactured. Therefore these products don't fall under synthetic organic industry category. Therefore the increase in consented product quantities will not attract the EIA Notification 2006. Based on this information, KOPL appeals to MoEF&CC and concerned authorities that the current proposal doesn't fall under violation case. Although there is a change in product mix scenario in 2010, for which necessary consent was already issued by KSPCB, the overall consented production has never exceeded the 2006 consent levels. These products are environmental friendly in nature. The actual production throughput from the facility never exceeded more than 85% of the consented valued since 2006 to till date. Therefore overall wastewater generation and pollution load from the facility is far below the consented values and hence the possible environmental impacts are insignificant. Water and wastewater generation quantities are maintained within the consented levels.
15.3.8.4	<p>The Committee after detailed deliberations, observed the following:</p> <ol style="list-style-type: none"> The SEAC, Karnataka in its 135th meeting noted that: <p>“Industry has gone for expansion in 2011 and that the list of chemicals and drugs being manufactured, are required to obtain prior environmental clearance as per EIA</p>

	<p>Notification, 2006 and that they have not obtained CFE from KSPCB. In this regard, the SEAC has taken a decision to report the violation to SEIAA to initiate necessary action. Accordingly, the SEIAA had issued direction on 14.12.2016 under Section 5 of the Environment (Protection) Act, 1985. Hence, the proposal is placed again before the SEAC's meeting held on 19.04.2017 for further direction wherein, the proponent has agreed that the proposal is a violation of EIA Notification, 2006. The SEAC after discussion, decided to forward the proposal to SEIAA for further necessary action as per the Ministry's Notification 804 (E) dated 14.03.2017.</p> <p>The SEIAA perused the details and opined that as it is a case of violation, the proposal require Environmental Clearance from MoEF&CC, Gol as per Notification 804 (E) dated 14.03.2017.”</p> <ol style="list-style-type: none"> 2. The EAC (Violation) has also noted that the KSPCB while considering the application for renewal for consent to operate vide letter No. PCB/175/HPI/2017-18/68 dated 14.08.2018 observed that the Industry has been operating since 1993 without Environmental Clearance certificate. Hence, KSPCB directed the Industry to obtain the EC from the competent authority for all the products within three months and to submit the same to the Board. Accordingly, the KSPCB refused the renewal of consent to operate and directed the Industry to stop the discharge of emissions and effluents. 3. The Benerghata National Park is within 6 km from the proposed project. Hence, Wildlife Clearance is to be obtained from Ministry.
15.3.8.5	<p>Observations and recommendations of committee:</p> <p>In light of the facts brought out by PP during the presentation and also the above observations of the Committee, the EAC recommended the following:</p> <p>The violation had already been established by the SIEAA and KSPCB, and thereafter referred to the Ministry for consideration under the Notification SO 804 (E) dated 14.03.2017 and the same was considered in the 6th EAC meeting held on 20.04.2018 as per the provisions of the said Notification and recommended for issue of Terms of Reference. At this stage, the project proponent appealed to the Ministry to absolve the case of violation against the M/s Kumar Organic Product Ltd. Hence the Committee recommended that the project proponent may approach to SEIAA and KSPCB for appeal in this regard.</p>
<p>Day 2: Wednesday, 28th November, 2018, Time: 10:00 AM to 10:30 AM Discussion on draft minutes of Day 1 proposals</p>	
15.4.1	<p>Expansion of existing hospital project at Kadapra Village, Pathanamthitta, Kerala by M/s St. Gregorios International Cancer Care Centre - Further consideration for Environmental Clearance [IA/KL/NCP/70240/2017 dated 25.08.2018] [F. No. 23-65/2018-IA.III]</p>
15.4.1.1	<p>M/s St. Gregorios International Cancer Care Centre has made online application vide proposal no. [IA/KL/NCP/70240/2017 dated 25.08.2018] [F. No. 23-65/2018-IA.III] seeking Environmental Clearance for the above mentioned proposed project. The Project activity covered under item of Schedule of Category 8(a) of EIA Notification, 2006.</p>
15.4.1.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Project title, location (plot No./ Village/ Tehsil/ District):- Environmental Clearance for Expansion of existing Hospital Project of M/s St. Gregorios International Cancer Care Centre at Sy. Nos. 286/2, 286/3, 286/16, Kadapra Village & Panchayat, Thiruvalla Taluk, Pathanamthitta District, Kerala

2. Salient features of the project

- Land use pattern/ Total plot area/ built up area :- Land use pattern = As per the revenue records, the land is a "Purayidam" land which can be used for residential as well as Institutional/commercial land use. Total Plot area – 3.6295 ha. Total Built-up area – 38,123.48 sq.m.
- Total water requirement and its source :- The total daily water consumption for the proposed project would be about 428 KLD (fresh water = 219 KL + Recycled water = 209 KL). The sources of water during operation phase for the project are :-
 - Stored Rain water in tanks (Non-flushing req.) (Rainy days) – Concurrent use.
 - Kerala Water Authority / Well water - (Non-flushing req.) (Non-rainy days)
 - Treated waste water from STP (Flushing Req.) (Entire year).
- Waste water generation, treatment and disposal: - The domestic sewage will be about 214 KLD which will be treated through Sewage Treatment Plant within the project premises. The treated water from STP will be used for flushing, horticulture & make-up water for cooling towers attached with HVAC plant. Also, the treated effluent of 16 KLD from the ETP would be reuse within the site.
- Municipal solid waste generated disposal facility :- Solid Waste Management
 - The Solid Waste Management Rules, 2016 will be followed in the solid waste disposal.
 - Collection & segregation within the site (bio-degradable waste (green bins), non-biodegradable waste (blue bins) and domestic hazardous waste (yellow bins).
 - The recyclable waste like packaging material, paper etc. would be sold through vendors and the area earmarked for the storage of the same.
 - The Bio-degradable waste would be disposed through the Bio-gas generation plan / bio-bin system to be installed within the site.
 - The manure generated will be utilized for green area development within the premises.
 - The domestic hazardous waste which includes discarded painted drums, pesticide cans, CFL bulbs, tube lights, used batteries etc. generated and will be collected in yellow bins and to be handed over to authorized waste pickers or waste collectors

Disposal of non-biodegradable waste

- Paper related recyclable materials are sold to vendors within the vicinity of the site.
- Other recyclable material like broken glasses, utensils etc. are sold to approved vendors.

Bio-medical Wastes:

- Bio-medical waste like infectious beddings, cotton, swabs, used syringes, discarded medicines, etc. constitute the bio-medical waste from the hospital.
- Bio-medical waste Management & Handling Rules, 2016 will be followed.
- Collection & segregation at source by providing appropriate colour coded bins / containers as per the colour coding provided in the Bio-Medical Waste (Management & Handling) Rules. The Bio-medical waste from the hospital would be outsourced through a Kerala State Pollution Control Board authorized agency (M/s Indian Medical Association Goes Eco Friendly, IMAGE).

Radio active waste management :

The use of unsealed radioisotopes regularly gives rise to radioactive waste, which has to be disposed of in a responsible and safe manner. The waste may include residual amounts of the original radionuclide, disposable containers (vials, syringes etc.) partially decayed or surplus unsealed sources.

- The radioactive waste should be segregated from the non-active waste. Lead lined waste bins with polythene linings should be used for collecting solid radioactive waste and Vials for liquid waste.
- When both lived nuclide and longer lived one are used, separate waste collection bins and storage bags should be provided for the two categories of radionuclide.

- The disposal procedures are based on the following principles.
- Dilute and dispersion for low level radioactive waste: - low activity short lived radioactive waste may be disposed off into the sewage system with adequate flushing with water.
- Delay and decay for short lived radio isotopes – waste containing short lived isotopes such as from isotope generator may stored in a special made RCC pit and release as general waste.

All the radiation safety guidelines of Atomic Energy Regulatory Board (AERB) Bhabha Atomic Research Centre (BARC) with regard to the disposal of radio active waste would be followed. A radiation safety office will be employed to ensure the radiation safety guidelines.

Hazardous waste

The hazardous wastes generated from the project site include waste oil, used batteries etc. Waste oil will be sold off to authorized recyclers while there will be buy-back arrangements with the supplier for DG Set batteries. The list of authorized recyclers for the processing of the above waste are M/s Perfact Alloys, Chengannur, M/s Peejay Enterprises, Thripunithura, M/s Excel Petrochemicals, Kochi. M/s Cee Jee Lubricants, Aluva. These companies are the approved recyclers for discarded batteries & used oil located in Kerala.

- Power requirement and source :- 3,00,000 kWh and supplied by Kerala State Electricity Board & D.G. sets (500 kVA x 4 nos.) (standby arrangement)
- Proposed energy saving measures :- By use of energy efficient lights, solar panels, solar street lights & by providing more open spaces the project would save about 22% energy.
- RWH :- The roof run-off from the site will be appropriately channelized to the storm water collection tank (2,200 KL total storage capacity) within the site and surface run-off will be connected to the external storm water drain available at site.
- Car parking :- 381 Cars + 480 two wheelers
- Investment/Cost of the project :- Rs. 96.10 Crores

Benefits of the project :- The proposed project is a hospital building project and thereby the living index of the people around the project site will definitely improve. Also there will be various ancillary activities like convenient shops, medical shop, food courts, and restaurants, transport facilities etc. attached to the project which will benefit the local people and change their living condition. Other benefits are :-

- Expansion of businesses with increased local spending on goods and services;
- An increase in business and community confidence in the continuing of prosperity for the project area;
- Financial contribution to the State government through the payment of taxes and duties thus enabling the State to invest in infrastructure development.
- The present project would provide better healthcare related facilities with supporting infrastructure facilities in the vicinity.
- Direct (about 500 nos.) and indirect employment (about 2,500 nos.) opportunities. The potential for employment and access to new services may draw people to the area around the project. There will be an increase in economic activity and employment for the local community, local skills development.
- Revenue (taxes) to the State & Central Government.
- The project proponent has carried out charity activities (Corporate Environment Responsibility) for on various developmental activities for the local community.
- Employment potential: - Direct (about 500 nos.) and indirect employment (about 2,500 nos.) opportunities.

	<ol style="list-style-type: none"> 3. Project/ activity covered under item of Schedule to the EIA Notification, 2006:- Project activity covered under item of Schedule of Category 8(a) of EIA Notification, 2006. 4. Why appraisal/ approval is required at the Central level:- Since the tenure of SEIAA/SEAC, Kerala expired on 18/03/2018 and there was no duly constituted SEIAA/SEAC, Kerala at that time. Also, the earlier appraisal of the project was done in its 13th EAC meeting held on 18-09-2018, as per the MoEF direction further proceedings required at MoEF. 5. National Park/ Wild Life Sanctuary in 10 km radius area:- None within the study area 6. Eco-Sensitive Zone in 10 km radius area:- None within the study area 7. Details of Forest land involved, if any:- None within the study area 8. ToR Details :- The draft ToR was considered and approved by EAC in its 4th meeting held on 19th – 21st February, 2018 and the ToR letter was communicated to us by MoEF&CC vide letter dt. 19-04-2018. 9. Details of Public Hearing and main issues raised/response of the PP:- No Public Hearing required for Construction projects 10. If any court case pending for violation of the environmental laws (supported by an undertaking) :- No litigation pending and no violation of environmental laws. 11. Land use planning:- The expansion project is within the existing hospital campus and the project site confirms the land use. 12. Ground water withdrawal approval from CGWA:- As per the classification, the entire Pathanamthitta District declared as “<i>Safe Zone</i>” and permission is not required for ground water abstraction for domestic purposes. 13. For other sources, firm commitment of the water supply agency:- Will be obtained. 14. Undertaking to the effect that no activity has since been taken up :- Undertaking will be submitted during the appraisal. 15. Appraisal by State Coastal Zone Management Authority (SCZMA) :- No approval from State Coastal Zone Management Authority is required as the project site is not attracting the CRZ Notification. 16. Details of earlier EC, if any and compliance thereof:- Not applicable 17. Details of earlier appraisal by EAC/ SEAC; observation and compliance:- <p><u>1st time appraisal for ToR</u> The draft ToR was considered and approved by EAC in its 4th meeting held on 19th– 21st February, 2018 and the ToR letter was communicated to us by MoEF&CC vide letter dt. 19-04-2018.</p> <p><u>1st time appraisal for EC</u> 1st time appraisal by EAC for EC - 13th EAC meeting held on 18-09-2018 and reply to the queries raised by EAC was submitted through online on 02-11-2018.</p>
15.4.1.3	<p>Above proposal was considered in 13th meeting held during 18.09.2018 for EC wherein Technical presentation was made by the project proponent and the EAC <i>deferred</i> the proposal because of following short fall while appraising the project:</p> <ol style="list-style-type: none"> 1. Damage assessment computed by the PP is found to be inadequate in the areas like water, social economic and energy conservation. Proper damage assessment is to be submitted in the revised EIA report covering all the environmental attributes along with revised natural /community augmentation plan. 2. Remediation plan to be revised with a cost of Rs. Sixty lakhs.

3. In the case of land use/land cover the PP has cleared 56 trees prior to site preparation and has not planted trees as per MOEF guideline of one tree per 80 sqm and hence the PP needs to planted 1010 trees, which is to be included in the revised EIA report.
4. Compliance report as per EC BC 2017 shall be submitted.
5. Base line health status to be submitted.
6. Effluent from ETP shall be discharged into municipal sewage line with prior permission and there not to be used for any purpose within the hospital premises.

15.4.1.4

Observations and recommendations of committee:

The project proponent along with consultant made a detailed presentation in the present meeting (15th EAC meeting) on the additional information sought during the 13th EAC meeting held on 18.09.2018.

The Committee after detailed deliberations, sought the following additional information:

- (i) Revised budgetary estimation of remediation plan for implementation within a period of three years.
- (ii) Rain water harvesting details
- (iii) Details of green development plan along with budgetary allocation.
- (iv) Revised CER along with activities, timelines and budgetary requirement.
- (v) Details of Solar plant installation @ rate of 1% of total demand.

The project proponent has submitted above details after the meeting and based on the above information furnished by the project proponent, **the Committee recommended the proposal for grant of Environmental Clearance** subject to the following specific conditions in addition to all standard conditions applicable for such projects:

- I. EAC recommended for an amount of **Rs. 29,70,000/-** towards Remediation plan (**Rs. 50,000/-** and **Rs. 32,75,000/-** towards Natural and Community Resource Augmentation plan to be spend within a span of three years. The details are given below:

➤ **Remediation plan & budgetary provisions**

Sr. No.	Particulars	Revised Budget Allocation (In Rs.)
1.	Air Environment	<p>1. The dust suppression and water sprinkling system consists of water sprinkler nozzles (about ½ dozen @ Rs. 1,000 per nozzle i.e. Rs. 6,000), Online twin filtration system (Rs. 15,000), Booster pump (1 HP (@ Rs. 10,000)) ,Water distribution pipeline (LS Rs. 10,000) and water storage tank (5,000 ltr @ Rs. 25,000.). Labour cost of Rs. 10,000. The total cost on water sprinkling and dust suppression system is Rs. 76,000</p> <p>2. Wind breakers / barricades in the periphery of project site (3 m. height GI sheet) (Rs. 1,00,000).</p>

		<p>3. Vehicle check up camp (@Rs. 10,000 per camp and Rs. 20,000 annual)</p> <p>4. Ambient air quality monitoring in sensitive areas (@Rs. 5,000 per month x 12 months i.e. Rs. 60,000 x 2 locations = Rs. 1,20,000)</p> <p><u>Total cost on remediation measures on Air Environment is Rs. 3,16,000/-</u></p>
2.	Ecological Environment	<p>1. Plantation with native species of flowering and fruit bearing trees to compensate the removal of trees. 560 trees within the surrounding area are proposed for plantation at a cost of @ Rs. 1,100 per plant which includes maintenance for three years. The total cost estimate for tree plantation is 560 trees x Rs. 1100 = Rs. 6,16,000.</p> <p>2. Cost of development of butterfly garden is Rs. 1,64,000 (L.S. estimate).</p> <p>3. Cost of development of medicinal garden is Rs. 1,60,000 (L.S. estimate).</p> <p>4. Rs. 50,000/- for development of panchayat park / avenue plantation towards habitat compensation.</p> <p><u>Total cost on remediation measures on Ecological Environment is Rs. 9,90,000/-</u></p>
3.	Water Environment	<p>1. Rs. 50,000/- for restoration of abandoned wells (Rs. 10,000 x 5 wells) + Rs. 50,000/- for water sampling and monitoring (Rs. 5,000 x 10 samples). Total = Rs. 1,00,000/-</p> <p>I. Rs. 2,00,000/- for rehabilitation of village pond.</p> <p>II. Rs. 60,000/- towards set up of 2 units of portable toilet at site (1 for male and 1 for female).</p> <p>III. Rs. 5,50,000 on setting up of an STP of 5 KLD capacity.</p> <p>IV. Chanalization of storm water (Rs. 4,00,000).</p> <p>V. Frequent cleaning of the vicinity of site</p>

			before monsoon (Rs. 50,000).		
			<u>Total cost on remediation measures on Water Environment is Rs. 13,60,000/-</u>		
4.	Land Environment		<p>1. Rs. 50,000/- for creating barriers to avoid erosion and to maintain its integrity so as to use it further for landscaping.</p> <p>2. Rs. 10,000 (LS) for printing & distribution of leaflets.</p> <p>3. Rs. 60,000/- for 20 bins (@Rs. 3,000 per bin).</p> <p>4. Secured intermediate leachate proof facility for storage (LS. Rs. 1,00,000).</p> <p><u>Total cost on remediation measures on Land Environment is Rs. 2,20,000/-</u></p>		
5.	Noise Environment		<p>Providing Personnel protective equipment's (PPE) to the to the Health Department of the panchayat Rs. 50,000/- (LS.)</p> <p><u>Total cost on remediation measures on Water Environment is Rs. 50,000/-</u></p>		
6.	Socio – Economic Environment		<p>1. Providing first aid kits (5 nos.) to the construction sites (public works within the panchayat) [Rs. 10,000/- (@Rs. 2,000 per kit].</p> <p>2. Providing a wheel chair (2 nos.) + to the primary health centre within the panchayat and in consultation. [Rs. 24,000 (@Rs. 12,000 per wheel chair)</p> <p><u>Total cost estimate on remediation measures on Socio Economic Environment is Rs. 34,000/-</u></p>		
Total Fund allocated for Remediation Measures			29,70,000/-		
Year wise implementation of Remediation plan with budgetary provisions					
S.No	Activity	1 st Year (2018-19)	2 nd Year (2019-2020)	3 rd Year (2020-21)	Total
(in Rs)					

1.	Remediation measures on Air Environment	1,05,000	1,05,000	1,06,000	3,16,000
2.	Remediation measures on Water Environment	4,50,000	4,50,000	4,60,000	13,60,000
3.	Remediation measures on Land Environment	70,000	70,000	80,000	2,20,000
4.	Remediation measures on Noise Environment	10,000	20,000	20,000	50,000
5.	Remediation measures on Socio Environment	10,000	12,000	12,000	34,000
6.	Remediation measures on Ecology Environment	3,30,000	3,30,000	3,30,000	9,90,000
Grand Total					29,70,000/-

➤ **Natural Resource Augmentation plan & budgetary provisions**

Sr. No.	Activity	Year wise implementation and Budgetary provision during operation phase (in Rs)			Total budgetary provision (Rs.)
		1 st year	2 nd year	3 rd year	
1.	Development of greenery in the surrounding area and road side plantation	25,000	50,000	50,000	1,25,000
2.	Provision of drinking water facilities through construction of hand pumps / dug wells / tube wells. 5 hand pumps / wells per year in the nearby villages with maintenance	50,000	75,000	75,000	2,00,000
3.	Maintenance of village road, near the panchayat office or any other badly damaged road and consultation with panchayat (7 m. carriage way (1 km. length)	2,50,000	3,50,000	4,00,000	10,00,000

4.	Construction of pipeline network in the village in association with grama panchayat and water resource department (Kerala Water Supply Authority)	1,00,000	1,50,000	2,50,000	5,00,000
5.	Provision of solar system in common areas through local administration	25,000	50,000	50,000	1,25,000
6.	Rainwater harvesting and ground water recharge development	30,000	30,000	40,000	1,00,000
7.	Construction of storm water drainages in the nearby areas	20,000	30,000	50,000	1,00,000
Total					21,50,000

➤ **Community Resource Augmentation plan & budgetary provisions**

S.No	Activity	Year wise implementation and Budgetary provision during operation phase			Total budgetary provision (Rs.)
		1 st year	2 nd year	3 rd year	
1.	Creation of irrigation facilities to the farmers supporting for irrigation	25,000	50,000	50,000	1,25,000
2.	Construction of sanitation facilities (toilet) in schools and villages (5 toilets each year)	25,000	50,000	50,000	1,25,000
3.	Periodic medical check-up camp by appointing specialist doctor for eyes, skin, heart and dental twice in a year	50,000	50,000	1,50,000	2,50,000
4	Free of cost distribution of medicine / body check up tests in the area	25,000	50,000	50,000	1,25,000
5	Training to the farmers related to healthcare	10,000	20,000	20,000	50,000

6	Assistance in development of technical skills and training to the children of farmers and fishermen	30,000	30,000	40,000	1,00,000
7	Assistance in providing study materials, uniform, books to the poor students located nearby area	30,000	30,000	40,000	1,00,000
8	Scholarship to the clever students for higher education	50,000	50,000	1,50,000	2,50,000
				Total	11,25,000
Total budgetary provision made towards the implementation of Natural & Community Resources Augmentation plan					
1. Natural Resources Augmentation plan				Rs.21,50,000	
2. Community Resources Augmentation plan				Rs. 11,25,000	
Total budgetary provision				Rs. 32,75,000	
<p>II. Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is rupees 62,45 000/-. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rupees 62,45 000/- towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.</p> <p>III. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.</p> <p>IV. The PP shall submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 of the Environment Protection Act 1986 to the MoEF&CC.</p> <p>V. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 1.922 crores (2% of project cost).</p> <p>VI. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.</p> <p>VII. The PP shall construct rain water storage tank of capacity 2,200 KL (equivalent to 11 days of daily fresh water requirement).</p>					
15.4.2	Proposed expansion of M/s Shogun Organics Ltd at Plot No. D-18, MIDC Kurkumbh, Taluka Daund, District Pune (Maharashtra) by M/s Shogun Organics Limited - Further consideration for Environmental Clearance [IA/MH/IND2/64652/2017 dated 09.04.2018] [F. No. J-11011/241/2017-IA-II(I)]				
15.4.2.1	M/s Shogun Organics Limited has made online application vide proposal no. IA/MH/IND2/64652/2017 dated 09.04.2018 for the above mentioned proposed project. The				

proposed project activity is listed at 5(b) category A of EIA Notification, 2006 and the proposal is appraised at Central level.

15.4.2.2

Details of the project as per the submission of project proponent:

1. **Project title, location** (plot No./ Village/ Tehsil/ District):- Environmental Clearance For Expansion of M/s Shogun Organics Ltd. located at Plot no D- 18, Kurkumbh MIDC, Taluka Daund, District Pune, Maharashtra.

2. **Salient features of the project** :- The project is located in Notified Industrial Area, MIDC Kurkumbh.

• **Land use pattern/ Total plot area/ built up area:** - Area in sq.m.

	Existing	Proposed	Total
Total Plot Area	1,06,384	--	106384
Built-up Area	9048.82	3375	12423.82
Parking area	3802.82	6835.58	10638.40
Greenbelt Area	7164.5	11825	18989.5

• **Total water requirement and its source :-**

Source of water – MIDC Kurkumbh.

Water requirement : Existing – 13.8 CMD

Proposed – 48.63 CMD

Total – 62.43 CMD.

• **Waste water generation, treatment and disposal :-** Wastewater in CMD

Sewage Existing 0.94.4 Proposed 5.3

Industrial Effluent Existing 4.5 Proposed 12.28 Total 16.78

The sewage effluent will be treated in an STP of 6 CMD capacity. The treated effluent will be used for gardening and the sludge will be used as a manure for developing the green belt.

The industrial effluent will be totally recycled and it will be Zero Liquid Discharge system, wherein the entire treated effluent will be reused for cooling tower make-up.

The effluent will be treated in an ETP having capacity of 18 CMD. The ETP comprises of aeration tank followed by evaporator with centrifuge. The distillate from the evaporator will be sent through sand filter followed by carbon filter.

The residue from the centrifuge will be disposed through CHWTSDF, Ranjangaon.

• **Municipal solid waste generated disposal facility :-** The municipal waste will be disposed through local municipal facility.

• Power requirement and source :- Source – MSEDCL

• Existing – 95 KW

• Proposed – 130 KW

• Total - 225 KW

• Proposed energy saving measures :- There are total 82 street lights in factory plot. Each street light is with 36 Watt LED.

• **RWH :-** Roof top rain water harvesting has been provided over a roof top area of 1106 sq. m., a dedicated RWH tank of 100m³ capacity has been provided.

• **Car parking :-** Area of about 10638 sq. m will be dedicated as parking area.

• **Investment/Cost of the project :-** Existing Cost – 8.85 Crores

Proposed cost – 5.65 Crores

Total Cost – 14.5 Crores

• **Benefits of the project :-**

1) The plant is located at Notified Industrial Area & the proposed activity being executed within the existing premises, no human displacement or habitat loss is envisaged.

2) Improvement in locale specific socio-economic aspects.

3) It will help in improving the infrastructural facilities

4) Company will employ around 68 number of persons. The company would try to employ the local people under skilled workers and worker section to boost the economic condition of the surrounding area.

5) Under CSR activities the company will focus on locale specific aspects such as education & skill development, Health awareness to the people, water and sanitation and various social activities.

Education & Skill development:

- Provisions of uniform, books, and stationary, necessary equipments etc, to the schools of nearby areas.

- Conduction of trainings for youth & women empowerment.

Health Awareness:

- Organize free medical checkup camp for the villagers

- Health Awareness campaigns will be organized.

6) The project will also contribute in increase in revenue in form of various taxes which will be paid to government time to time. Company will also export their products to other country that also can be benefitted to the country by increase in revenue generated from taxes

7) The CSR activities planned by company can be considerably very beneficial for health, education, development of poor people, welfare of women & labour and support to disabled persons etc.

Thus a significant benefit to the socio-economic environment is likely to be created due to the expansion project and the project will help in developing the national income.

• **Employment potential :-** Existing – 27, Proposed – 41, Total – 68

3. Project/ activity covered under item of Schedule to the EIA Notification, 2006:- The project is covered under Schedule '5 (b)', Category – 'A' of the EIA Notification, 2006.

4. Why appraisal/ approval is required at the Central level:- The project is covered under Schedule '5 (b)', Category – 'A' of the EIA Notification, 2006. As stated in the Section 4 (ii) of the EIA Notification, 2006, " All projects or activities included as Category 'A' in the Schedule, including expansion and modernization of existing projects or activities and change in product mix, shall require prior environmental clearance from the Central Government in the Ministry of Environment and Forests (MoEF) on the recommendations of an Expert Appraisal Committee (EAC)" to be constituted by the Central Government for the purposes of this notification;"

5. National Park/ Wild Life Sanctuary in 10 km radius area:- There are no National Parks and Wildlife Sanctuaries within 10 km radial distance from the project site.

6. Eco-Sensitive Zone in 10 km radius area:- There are no Eco – Sensitive zones within 10 km radial distance from the project site.
7. Details of Forest land involved, if any:- It is not a forest land. The project is located in a notified Industrial Area, Kurkumbh MIDC. The land has been purchased by M/s Shogun Organics Ltd. from MIDC, Kurkumbh.
8. ToR Details :- ToR granted by MoEF under violation vide letter no – F. No J-11011/241/2007-IA II (I) dated 23rd January, 2018.
9. Details of Public Hearing and main issues raised/response of the PP:- The Public Hearing was carried out on 5th September, 2018 at site premises of M/s Shogun Organics Ltd at Plot no – D/18, MIDC Kurkumbh, Taluka – Daund, District – Pune. The details of Public hearing issues and response by PP is attached as Addendum – 1.
10. If any court case pending for violation of the environmental laws (supported by an undertaking) :- No
11. Land use planning:-
- | Area in sq.m | Existing | Proposed | Total |
|-----------------|----------|----------|----------|
| Total Plot Area | 1,06,384 | -- | 106384 |
| Built-up Area | 9048.82 | 3375 | 12423.82 |
| Parking area | 3802.82 | 6835.58 | 10638.40 |
| Greenbelt Area | 7164.5 | 11825 | 18989.5 |
12. Ground water withdrawal approval from CGWA:- Ground water will be not exploited for the said project.
13. For other sources, firm commitment of the water supply agency:- Water will be obtained from MIDC, Kurkumbh. Letter has been obtained from MIDC, Kurkumbh for providing the required quantity of water.
14. Undertaking to the effect that no activity has since been taken up :- Undertaking mentioning the same has been obtained.
15. Appraisal by State Coastal Zone Management Authority (SCZMA) :- Not applicable
16. Details of earlier EC, if any and compliance thereof:- Not applicable
17. Details of earlier appraisal by EAC/ SEAC; observation and compliance:-
- 6th reconstituted expert appraisal committee (industry) held during 5th March, 2013 – 7th March, 2013.
- MoM – ToR granted for M/s Shogun Organics Ltd.
- 1st Expert Appraisal Committee meeting dated 30-11-2015 to 01-12-2015.
- MoM - The project will be considered for taking action as per Ministry's O. M no. J-11013/41/2006-IA II (I) dated 12th December, 2012 and 27th June, 2013.
- 6th Expert Appraisal Committee (Industry-2) Meeting held during 30th March to 2nd April 2016.
- MoM - PP has again requested for amendment in TOR. The Committee was of the view that proposal shall be considered on merit of the case after finalization of procedure registered for violation.
- 1st EAC meeting for cases with respect to violation of EIA Notification.
- MoM–ToR was granted under violation cases of EIA Notification.
- 6th expert appraisal committee (Violation) held during 19th– 20th April, 2018.

	<p>MoM – Case deferred for submission of EIA report.</p> <ul style="list-style-type: none"> • 7th expert appraisal committee (Violation) held during 17th– 18thMay, 2018. <p>MoM – Case was deferred for conducting Public hearing and for submission of additional information. The compliances of the same were done, PH was carried out on 5th September, 2018, the MoM of PH and the reply of the project proponent along with the additional information sought by EAC was uploaded on the portal.</p>
<p>15.4.2.3</p>	<p>Above proposal was considered in 7th meeting held during 18.05.2018 wherein After detailed deliberations on the technical and public hearing issues, the EAC recommended the following:</p> <p>Public hearing:</p> <p>The committee noted that proposed project is located in the notified Industrial area. As per EIA notification 2006, the activities/projects located in the notified industrial areas are exempted from public hearing. However, the present proposal has been established as violation case. All such violation cases are required to undergo public hearing as per the orders of Hon'ble High court of Madras dated 13.10.2017 in WP NO.11189 of 2017 titled "Puducherry Environmental Protection Association Vs Union of India even though they are located in notified industrial areas. The committee also noted that as per the orders of Hon'ble High court of Madras dated 14.03.2018 W.M.P NoS.3361AND 3362 of 2018 and W.M.P.No 3721 of in WP NO.11189 of 2017, the public hearing in respect of category 8(a) only exempted as under ; "24 In this view of this matter, considering that sub-clause (i) (d) of stage iii of paragraph 7(i) of parent notification as contained in item No. 8(a) of the schedule being housing projects, we deem it necessary to clarify that projects and project proponents falling under this category alone shall be governed by the 'public consultation' clause in the parent notification." In view of the above observations the committee recommended that M/s Shogun Organics Ltd. is required to undertake public hearing as per the provisions EIA notification, 2006.</p> <p>The committee has sought the following additional information:</p> <ol style="list-style-type: none"> 1.Risk assessment should be made covering entire inventory, part inventory for Toxic and Fire hazards per the damage anticipated in case of solvent used for the reaction for products manufacturing and storage related. 2. Disaster management plan covering mitigation measures, sensor deployment, automatic control machines to shut the inventory as well as process in case of indication of toxic leakages. 3. Proper safety and disaster management plan should be prepared to avoid any catastrophic effect. 4. Revised water balance. 5. Green belt development plan. 6. Worst case scenario related to the Air and Water should be given in case of reactor failure or damage done for the reactor. 7. Toxicity test (bio assay) is required for the treated effluent. 8. Analytical data related to surface & groundwater was found to be not up to the mark: Ionic balance was not matching. 9. Soil analysis data to be rechecked (related to texture & CEC). 10. Impacts and the Mitigation of impacts of project activities during construction and operation on the above components, for which the study has been conducted, to be included separately in specific chapter/s; 12. Positive and Negative (if any) aspects of the project/project activities need to be assessed and included specifically in Conclusion;

	<p>13. Impacts of the project due to 'Violation' to be assessed/narrated qualitatively and quantitatively and financial analysis/assessment/commitment with Budgetary provisions to be included separately.</p> <p>14. Details of damage assessment, remediation plan and natural and community resource augmentation plan along with budgetary requirement.</p> <p>15. The details of Corporate Environment Responsibility (CER) as per ministry's office memorandum F.No. 22-65/2017-IA.III dared 1st May, 2018 based on the issues raised during the public hearing and also issues emerged during the social impact assessment studies along with time bound action plan and budgetary requirement.</p>
<p>15.4.2.4</p>	<p>Observations and recommendations of committee:</p> <p>The project proponent along with the consultant made a detailed presentation on the additional information sought during the last 7th EAC meeting held on 18.05.2018. The Committee after detailed deliberations deferred the proposal and sought the following additional information:</p> <ul style="list-style-type: none"> (i) The response of the project proponent to the issues raised during the public hearing should be replied appropriately and to be resubmitted and the same should be reflected in the chapter of the Environment Management Plan of Environment Impact Assessment. (ii) Revised CER based on the issues raised during the public hearing and emerged in the social impact assessment covering the activities, timelines and budgetary requirement should be submitted. (iii) The Risk Assessment report with Risk Curve in the event of explosion/accident of the inventory of Toxic and Hazardous chemicals as per the DOW index summary sheet. (iv) NOC from MIDC for the additional water requirements. (v) Certificate of acceptance by MIDC for accommodating the effluent discharge during emergency. (vi) The coverage of green belt and plantation shall be to the extent of 33% of the total plot area against the proposed green belt of 11,825 sqm area. The density of the plant to be increased as per the guidelines of the Ministry. Selection of the Trees/Plant as per the CPCB guidelines. (vii) Detailed consequences and the action plan in case of reactor failure or damage/worst case scenario (SOPs). (viii) Toxicity test report (bioassay test) of the treated effluent. (ix) Analytical data related to surface and ground water and soil. (x) The ecological impacts, mitigation and the remediation measures during construction/operation phase furnished by the PP is found to be inadequate in the following: <ul style="list-style-type: none"> a) Assessment of air pollution during earlier construction, operation and during / post expansion. b) Comparison of LULC pre construction and present. c) Ground water and surface water pollution during construction and operation. d) Land environment. e) Ecological damages of flora and fauna. f) Occupational health impacts during construction/post expansion. g) Community and natural resources augmentation plan. h) Benefits accrued due to violation

15.4.3	<p>Colour Granite mine of over an area of 4.00 Hectares Sy. No: 185, Parlapally Village, Thimmapur Mandal, Karimnagar District, Telangana State by M/s. Sreevaree Exports-Terms of Reference [IA/TG/MIN/68517/2017dated 12.09.2017][F. No. 23-282/2018-IA.III (V)]</p>
15.4.3.1	<p>M/s. Sreevaree Exports has made online application vide proposal no. IA/TG/MIN/68517/2017dated 12.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as SEIAA is not functional at Telangana.</p>
15.4.3.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Project description: The Proposal of M/s Sreevare Exports is for Mining of colour granite from Sreevare Exports Exports for Total Excavation 42,000 m³/annum[including 3,42,000 m³Waste for plan period of 5 years and average waste is 68,400m³/annum] from mining lease area 4.0 Ha located at Parlapally Village, Thimmapur Mandal, Karimnagar District, Telangana State by M/s Sreevare Exports . 2. Project Background: The proposal of M/s Sreevare Exports is for production of 42,000 m³/per annum (colour granite from Sree Venkateshwara Exports Mine (ML Area 4.0 Ha, located at Survey No.185, at Parlapally Village, Thimmapur Mandal, Karimnagar District, Telangana. The mining lease is located on Survey of India Topo-sheet no.56N/3. The area is bounded between the coordinates Latitude 18°28' 52.20"N to18°28' 41.11"N and Longitude 79°11'50.81" E79°11'41.80" E. 3. Category of the Project (Refer cluster certificate if applicable): copy Enclosed The said project/activity is covered under category Mining of Minerals of item 1(a) of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different. 4. Violation Details & Sectorial EAC/SEAC Comments: [The proposed project comes under violation due to exceeding the production in the Environment Clearance of 4080 cum/annum of colour granite.] Recommendations of sectorial EAC or SEAC before submitting the application on violation portal: <ul style="list-style-type: none"> • The SEAC Telangana state considered this project in its meeting held on 02.11.2012 and SEIAA meeting held on 21.11.2012 recommended to take action accordance with OMs dt: 16.11.2009 issued by MoEF&CC, GOI, New Delhi. • The credible action was initiated by the EFS&T Department, Telangana vide order no.SEIAA/TS/KRM/-61/2016 dated:24.03.2016. • The case was filed in court of 1st additional judicial magistrate of F.C at Karimnagar, vide C.C.No.312 of 2017. 5. Application (Form-1 & PFR): Fresh application was made online vide proposal no. IA/TG/MIN/68517/2017 dated 12thSep,2017under violation category for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR . The proposed project activity is covered under 'Schedule Item – 1(a) Mining of Minerals of EIA Notification, 2006 and is a category 'B2' [Note: appraised at EAC (MoEF&CC) because of absence of SEIAA committee in Telangana state] [Note: The cluster details are enclosed given by ADMG]

	<p>6. Details of Minerals: The mineral is colour granite which is minor mineral before 2006.</p> <p>7. Letter of Intent (LoI)/Mining Lease Details:</p> <ul style="list-style-type: none"> • Original lease grant by DMG, Notice no:5497/R6-3/2010 dated:06.04.2011 • ADMG lease execution proceeding.no.1206/Q1/10 dated:25.02.2012 <p>8. Method of Mining & Mining Plan Details:</p> <ul style="list-style-type: none"> • The method of mining shall be open-cast semi-mechanized method. • 1st Mining scheme vide letter no: 634/QP-1/KNR/2018 dated 30-01-2018. • Modified Mining Plan vide letter no:35/MP/KMNR/2015 dated 23-02-2015. • Mining Plan vide letter no: 3256/MP/KMNR/2011 dated 23-06-2011 <p>9. Other Waste Generation, if any: [3,42,000 m³Waste for plan period of 5 years and average waste is 68,400m³/annum. The waste is dumped in the area allocated for the dumping yard.]</p> <p>10. Land Use (Forest/Agricultural/Waste): NIL – no agricultural /forest /waste land involved in mine lease area.</p> <p>11. Details of past production since inception of mine authenticated by DMG: The past production details given by ADMG are enclosed</p> <p>12. Applicability of General Condition & Status of SEIAA: This lease area does not attract any general conditions as no wild life sanctuaries or habitat, state boundaries with in 10km radius. [Status of SEIAA :SEIAA Committee tenure is over]</p> <p>13. Project Cost & Employment: Cost of the project: Rs 50 lakhs EMP cost – Rs 4.0 lakhs Recurring cost – Rs 2.17 lakhs Man power requirement – 14 persons</p> <p>14. Affidavit for SC Order 2.08.2017:Affidavit is enclosed Note: Submit affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2ndAugust 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.</p> <p>15. Status of DSR, in case of minor mineral: Not Available</p>
15.4.3.3	<p>Observations and recommendations of committee:</p> <p>EAC after detailed presentation by the PP observed that lease document submitted by the PP is for 3.3 ha whereas in application PP has mentioned mining lease area is 4.0 ha. EAC therefore deferred the proposal for want of following information:</p> <ul style="list-style-type: none"> (i) Submission of revised Form1 and PFR w.r.t proposed area , production in Cum, along with waste generated per year. (ii) Submission of kml file with coordinates authenticated by the state DMG . (iii) Declaration from state DMG that PP has not mined outside mine lease area. (iv) Permission from state DMG for storing Granite in stock yard outside mine lease area. (v) Site photograph showing EIA coordinator visited the site.

15.4.4	Colour Granite mine of over an area of 1.5 Hectares at Sy. No.: 1133 Gattubuthkur Village, Gangadhara Mandal, Karimnagar District, Telangana State by M/s. Sreevaree Exports-Terms of Reference [IA/TG/MIN/68568/2017, dated 12.09.2017] [F. No. 23-283/2018-IA.III (V)]
15.4.4.1	M/s. Sreevaree Exports has made online application vide proposal no. IA/TG/MIN/68568/2017, dated 12.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as SEIAA is not functional at Telangana.
15.4.4.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Project description: The Proposal of <u>M/s</u> Sreevaree Enterprises is for Mining of colour granite from Sreevaree Enterprises for Total Excavation 7,800 m³/annum [including 42,455 m³Waste for plan period and average waste is 8,491m³/annum] from mining lease area 1.5 Ha located at Gattubuthkur Village, Gangadhara Mandal, Karimnagar District, Telangana State by M/s Sreevaree Enterprises. 2. Project Background: The proposal of M/s Sreevaree Enterprises is for production of 7,800 m³/per annum (colour granite from Sree Venkateshwara Exports Mine (ML Area 1.5 Ha, located at Survey No.1133, at Gattubuthkur Villages,Gangadhara Mandal, Karimnagar District, Telangana State. The mining lease is located on Survey of India Topo-sheet no.56N/3. The area is bounded between the coordinates Latitude 18°28'47.12"N to18°28'51.43"N and Longitude 79°00'55.17" E to 79°00'59.90" E 3. Category of the Project (Refer cluster certificate if applicable):copy enclosed The said project/activity is covered under category Mining of Minerals of item 1(a) of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different. 4. Violation Details & Sectorial EAC/SEAC Comments: [The proposed project comes under violation due to exceeding the production in the Environment Clearance of 1091 cum/annum of colour granite.] Recommendations of sectorial EAC or SEAC before submitting the application on violation portal: <ul style="list-style-type: none"> • The SEAC Telangana state considered this project in its meeting held on 23.02.2016 and SEIAA meeting held on 21.03.2016 recommended to take action accordance with OMs dt: 12.12.2012 & 27.06.2013 issued by MoEF&CC, GOI, New Delhi. • The credible action was initiated by the EFS&T Department, Telangana vide order no.SEIAA/TS/KRM/-60/2016-3069 dated:24.03.2016. • The case was filed in court of 1st additional judicial magistrate of F.C at Karimnagar vide C.C.No.310 of 2017. 5. Application (Form-1 & PFR): Fresh application was made online vide proposal no. IA/TG/MIN/68568/2017 dated 12thSep,2017under violation category for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR . The proposed project activity is covered under 'Schedule Item – 1(a) Mining of Minerals of EIA Notification, 2006 and is a category 'B2' [Note: appraised at EAC (MoEF&CC) because of absence of SEIAA committee in Telangana state]

	<p>[Note :The cluster details are enclosed given by ADMG]</p> <p>6. Details of Minerals: The mineral is colour granite which is minor mineral before 2006.</p> <p>7. Letter of Intent (Lol)/Mining Lease Details:</p> <ul style="list-style-type: none"> • Original lease by DMG, Proceedings no:36955/R6-3/09 dated:02.06.2010. • ADMG Execution of lease deed vide proceeding.no:8857/Q1/2009 dated 04-06-2010. From 04.06.2010 to 03.06.2030. <p>8. Method of Mining & Mining Plan Details:</p> <ul style="list-style-type: none"> • The method of mining shall be open-cast semi-mechanized method. • 1st Mining scheme vide letter no: 464/QP-1/KNR/2018 dated 30-01-2018. • Modified Mining Plan vide letter no:34/MP/KMNR/2015 dated 23-02-2015. • Mining Plan vide letter no: 6254/MP/KMNR/2011 dated 24-04-2012 <p>9. Other Waste Generation, if any: [42,455 m³ of Waste is generated for plan period and average waste is 8,491m³/annum which will be dumped in the area allocated for dump yard.]</p> <p>10. Land Use (Forest/Agricultural/Waste): NIL – no agricultural /forest /waste land involved in mine lease area.</p> <p>11. Details of past production since inception of mine authenticated by DMG: The past production details given by ADMG are enclosed</p> <p>12. Applicability of General Condition & Status of SEIAA: This lease area does not attract any general conditions as no wild life sanctuaries or habitat, state boundaries with in 10km radius. [Status of SEIAA :SEIAA Committee tenure is over]</p> <p>13. Project Cost & Employment: Cost of the project: Rs 60 lakhs EMP cost – Rs 2.65 lakhs Recurring cost – Rs 1.47 lakhs Man power requirement – 14 persons</p> <p>14. Affidavit for SC Order 2.08.2017:Affidavit is enclosed Note: Submit affidavit to comply with all the statutory requirements and judgment of Hon’ble Supreme Court dated the 2ndAugust 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.</p> <p>15. Status of DSR, in case of minor mineral: Not Available Note: Submit status of DSR in case of minor mineral. If available, please submit</p>
15.4.4.3	<p>Observations and recommendations of committee:</p> <p>EAC after detailed presentation by the PP observed that PP has increased the production beyond EC capacity. EAC also observed that present application is for expansion from 1091 cum/ year to 7800 CUM/year whereas total waste generation is not mentioned in the Form 1which is 42 ,455 CUM over the plan period. EAC therefore deferred the proposal for want of following information:</p> <p>i. Submission of revised Form1 and PFR w.r.t proposed production in Cum, along with</p>

	<p>waste generated per year.</p> <p>ii. Submission of kml file with coordinates authenticated by the state DMG .</p> <p>iii. Declaration from state DMG that PP has not mined outside mine lease area.</p> <p>iv. Permission from state DMG for storing Granite in stock yard outside mine lease area.</p> <p>v. Site photograph showing EIA coordinator visited the site</p>
15.4.5	<p>Colour Granite mine of over an area of 8.0 Ha at Sy. No: 199 Palitham Village, Peddapalli Mandal, Peddapalli District Telangana State by M/s. Ganga Bhavani Granites- Terms of Reference.</p> <p>[IA/TG/MIN/68578/2017, dated 12.09.2017][F. No. 23-284/2018-IA.III (V)]</p>
15.4.5.2	<p>Project proponent did not attend the meeting therefore proposal was deferred.</p>
15.4.6	<p>Colour Granite mine of over an area of 3.0 Ha at Sy. No : 81 Kalawala Village, Shankarapatanam Mandal, Karimnagar District, Telangana State by M/s. Sree Venkateshwara Exports- Terms of Reference</p> <p>[IA/TG/MIN/68613/2017, dated 12.09.2017][F. No. 23-285/2018-IA.III (V)]</p>
15.4.6.1	<p>M/s. Sree Venkateshwara Exports has made online application vide proposal no. IA/TG/MIN/68613/2017, dated 12.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as SEIAA is not functional at Telangana..</p>
15.4.6.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> <p>1. Project description: The Proposal of <u>M/s Sree Venkateshwara Exports PvtLtd</u> is for Mining of <u>colour granite</u> from Sree Venkateshwara Exports for Total Excavation 10,312.5 m³/annum[including 73,462.5 m³Waste for plan period and average waste is 24500m³/annum] from mining lease area 3.0 Ha located at Kalawala Village, ShankarapatanamMandal, KarimnagarDistrict,Telangana State by M/s SreeVenkateshwara Exports Pvt Ltd.</p> <p>2. Project Background: The proposal of M/s SreeVenkateshwara Exports PvtLtd is for production of 10,312.5 m³/per annum (colour granite from SreeVenkateshwara Exports Mine(ML Area 3.0 Ha, located at Survey No.81, at Kalawala Villages, ShankarapatanamMandal, Karimnagar District, TelanaganaState. The mining lease is located on Survey of India Topo-sheet no.56N/7. The area is bounded between the coordinates Latitude 18°20'11.5668"N to 18°20'22.0060"N and Longitude 79°22'49.0757" E to 79°22'54.2436" E</p> <p>3. Category of the Project (Refer cluster certificate if applicable):Copy Enclosed The said project/activity is covered under category Mining of Minerals of item 1(a) of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different.</p> <p>4. Violation Details & Sectorial EAC/SEAC Comments: [The proposed project comes under violation due to exceeding the production in the Environment Clearance of 4,800 cum/annum of colour granite.] Recommendations of sectorial EAC or SEAC before submitting the application on violation portal:</p>

- The SEAC Telangana state considered this project in its meeting held on 23.02.2016 and SEIAA meeting held on 21.03.2016 recommended to take action accordance with OMs dt: 12.12.2012 & 27.06.2013 issued by MoEF&CC, GOI, New Delhi.
- The credible action was initiated by the EFS&T Department, Telangana vide order no.SEIAA/TS/KRM/-62/2016 dated:24.03.2016.
- The case was filed in court of 1st additional judicial magistrate of F.C at Huzurabad vide C.C.No.40 of 2017. Accused and paid an amount of Rs.10,000/- on 15.03.2017.

5. Application (Form-1 & PFR):

Fresh application was made online vide proposal no. IA/TG/MIN/68613/2017 dated 12thSep,2017 under violation category for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR . The proposed project activity is covered under 'Schedule Item – 1(a) Mining of Minerals of EIA Notification, 2006 and is a category 'B2'

[Note: appraised at EAC (MoEF&CC) because of absence of SEIAA committee in Telangana state]

[Note :The cluster details are enclosed given by ADMG]

6. Details of Minerals:

The mineral is colour granite which is minor mineral before 2006.

7. Letter of Intent (LoI)/Mining Lease Details:

- Original lease by DMG, Proceedings no: 28760/R6-1/2006 dated:14.08.2007.
- Transfer proceeding.no.17751/R6-3/2011 dated:05.05.2012
- Execution Transfer of mining lease vide proceedings no 4572/Q1/2011 dated: 11-06-2012 from M/s Imperial granites to M/s SreeVenkateshwara Exports valid upto 25.08.2027

8. Method of Mining & Mining Plan Details:

- The method of mining shall be open-cast semi-mechanized method.
- 1st Mining scheme vide letter no: 2715/QP-1/KNR/2018 dated 31-05-2018.
- Modified Mining Plan vide letter no: 36/MP-KMNR/2015 dated 23-02-2015.
- Mining Plan vide letter no: 8626/MP-KMNR/2012 dated 16-01-2013.

9. Other Waste Generation, if any:

[Details of any other waste generated during activity and its mitigation measures
NIL no other waste generation.

10. Land Use (Forest/Agricultural/Waste):

NIL – no agricultural /forest /waste land involved in mine lease area.

11. Details of past production since inception of mine authenticated by DMG:

The past production details given by ADMG are enclosed

12. Applicability of General Condition & Status of SEIAA:

This lease area does not attract any general conditions as no wild life sanctuaries or habitat, state boundaries with in 10km radius.

[Status of SEIAA :SEIAA Committee tenure is over]

13. Project Cost & Employment:

Cost of the project: Rs 60 lakhs

EMP cost – Rs 2.0 lakhs

	<p>Recurring cost – Rs 1.41 lakhs Man power requirement – 13 persons</p> <p>14. Affidavit for SC Order 2.08.2017:Affidavit is enclosed Note: Submit affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.</p> <p>15. Status of DSR, in case of minor mineral:Not Available Note: Submit status of DSR in case of minor mineral. If available, please submit</p>
15.4.6.3	<p>Observations and recommendations of committee:</p> <p>EAC after detailed presentation by the PP observed that PP has increased the production beyond EC capacity i.e 4800. EAC also observed that present application is for expansion from 4800 cum/ year to 10312.5 CUM/year whereas total waste generation is not mentioned in the Form 1. Credible action was initiated, but pp repeated the violation again.</p> <p>EAC therefore deferred the proposal for want of following information:</p> <ul style="list-style-type: none"> • Submission of revised Form1 and PFR w.r.t proposed production in Cum along with waste generated per year. • Submission of kml file with coordinated authenticated by the state DMG. • Declaration from state DMG that PP has not mined outside mine lease area. • EC letter and production details of two adjacent mine in the name of PP
15.4.7	<p>Road Metal and Rough Stone Quarry over an area of 15.00 Ha in Sy. No 278 of Saravaram Village, Garidepally Mandal, Nalgonda District of Telangana State by M/s Srinivasa Edifice Pvt. Ltd- Terms of Reference.</p> <p>[IA/TG/MIN/68622/2017, dated 12.09.2017][F. No. 23-286/2018-IA.III (V)]</p>
15.4.7.1	<p>M/s Srinivasa Edifice Pvt. Ltd has made online application vide proposal no. IA/TG/MIN/68622/2017, dated 12.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as general condition applies.</p>
15.4.7.2	<p>Project proponent did not attend the meeting therefore proposal was deferred</p>
15.4.8	<p>Road Metal and Rough Stone Quarry over an area of 4.277 Ha in Sy. No 310 of Saravaram Village, Garidepally Mandal, Nalgonda District of Telangana State by M/s Srinivasa Edifice Pvt. Ltd- Terms of Reference</p> <p>[IA/TG/MIN/68640/2017, dated 12.09.2017][F. No. 23-287/2018-IA.III (V)]</p>
15.4.8.3	<p>Project proponent did not attend the meeting therefore proposal was deferred</p>
	<p>Day 3: Thursday, 29th November, 2018, Time: 10:00 AM to 10:30 AM Discussion on draft minutes of Day 2 proposals.</p>
15.5.1	<p>Expansion of Artemis Hospital located at Sector-51, Gurgaon, Haryana by M/s Artemis Medicare Services Ltd. - Environmental Clearance</p> <p>[IA/HR/MIS/84185/2007]dated 01.11.2018, [F. No. 23-279/2018-IA.III (V)]</p>
15.5.1.1	<p>M/s Artemis Medicare Services Ltd. has made online application vide proposal no. IA/HR/MIS/84185/2007, dated 01.11.2018 seeking Environmental Clearance for the above</p>

	<p>mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level because of SEIAA Haryana tenure is completed. .</p>
<p>15.5.1.2</p>	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Project title, location (plot No./ Village/ Tehsil/ District):- "Expansion of Artemis Hospital" at Sector- 51, Tehsil Gurugram, District Gurugram- 122001, Haryana 2. Salient features of the project :- <ul style="list-style-type: none"> • Land use pattern/ Total plot area/ built up area: - Land Use –Land Use of land has already been changed to Hospital use. Total plot area is 33588.908 sqm. Total Built-up area – 67444.652 Sqm (after expansion). • Total water requirement and its source :- Total water requirement after expansion is 1104 KLD in which fresh water requirement will be 590 KLD and Treated water will be 514 KLD. The fresh water is sourced from HUDA Municipal Supply/borewell (groundwater) at Artemis Hospital in operational building and same shall be followed for expansion part. • Waste water generation, treatment and disposal :- Total quantity of wastewater generation shall be 637 KLD (581 KLD from domestic uses & 56 KLD from Lab). The 581 KLD of generated sewage shall be treated in STP of 325 KLD (existing) 400 KLD (proposed) and 56 KLD from Lab shall be treated in ETP of 25 KLD (existing) & 45 KLD (proposed). The treated water generation from STP will be 552 KLD out of which 514 KLD shall be reused for domestic, flushing, Gardening, Filter backwash and excess 38 KLD shall be discharged in public sewer. The Excess treated water of 53 KLD from ETP shall also be discharged into public sewer. • Municipal solid waste generated disposal facility :- After expansion, around 1930 kg/day of municipal solid waste will be generated from the complex. Biodegradable waste of 1351 Kg/day shall be treated in organic waste converter of the complex and recyclable (483 Kg/day) and plastic waste (96 Kg/day) shall be given to approved recycler. • Biomedical waste of 298 Kg/day generated from hospital will be handed over to authorized processor. In existing agreement with M/s Vulcan Waste Management Pvt. Ltd. has already been done. • Power requirement and source :- Total power requirement after expansion will be 4500 KW which will be met by DHBVN. • Proposed energy saving measures :- Energy Saving Measures – <ul style="list-style-type: none"> • Adequate design to limit the losses in transmission and distribution system. • Use of energy efficient devices like light sources such as LED lamps. • Use of insulation on roof top to reduce air-conditioning load. • Use of capacitors at load centres to improve voltage and power factor to reduce distributional losses and also to avoid penalty by state electricity authority. • All high efficiency motors will be used in the complex. • 1% solar power provision of connected load shall be provided. • Solar lights will be installed for the streets. • Solar lights will be used for common and open areas. • Air ducts in the design to provide proper cross ventilation for reducing power consumption. • RWH :- 6 no. of RWH pits will be installed after expansion. (5 already installed + 1 proposed) • Car parking :- Total Parking provision is 668 ECS, out of which 236 ECS has already been provided.

	<ul style="list-style-type: none"> • Investment/Cost of the project :- Total cost of the project is Rs. 399 Crores. • Benefits of the project :- • Project Benefits – <ul style="list-style-type: none"> • It has provided employment to the people during construction and operation phase directly & indirectly. 300 no. of labour during construction stage. • It has led to increase in the infrastructure of the area and encouraged others for further development of the area. • Medical facility is being extended for BPL and CGHS/ECHS. • Major income source to an important section of society and also to the upcoming investors. The hospital will also have hostel facility. • Employment potential :- It has provided employment to the people during construction and operation phase directly & indirectly. 300 no. of labour during construction stage and 2512 no. of persons as staff & employee during operational phase. <ol style="list-style-type: none"> 3. Project/ activity covered under item of Schedule to the EIA Notification, 2006:- The project is an expansion of Artemis Hospital. It falls under Category B schedule 8(a) under violation category. 4. Why appraisal/ approval is required at the Central level:- Since, the tenure of the SEAC Haryana committee was completed on 20.10.2018, therefore the case is transferred to MOEF&CC. 5. National Park/ Wild Life Sanctuary in 10 km radius area:- There is No national park/Wild Life Sanctuary in 10 km radius of the site. 6. Eco-Sensitive Zone in 10 km radius area:- None 7. Details of Forest land involved, if any:- None 8. ToR Details :- Terms of Reference was granted by SEIAA, Haryana vide letter no. SEIAA/HR/2018/829 dated 26.07.2018. 9. Details of Public Hearing and main issues raised/response of the PP:- Not applicable 10. If any court case pending for violation of the environmental laws (supported by an undertaking) :- Directions are issued to file a court case against the project. 11. Land use planning:- Proposed Land Use after Expansion- Ground coverage (achieved)- 8193.479 sqm , Green Area- 10230.77 sqm , Road & Open area- 15164.66 sqm 12. Ground water withdrawal approval from CGWA:- Permission for boring of one tubewell at Artemis Medicare Services Pvt., Ltd. Is acquired. Letter No.40-4/GUR-Artemis/CGWA/2007-1492 13. For other sources, firm commitment of the water supply agency:- Water is sourced through HUDA Municipal supply/borewell and same shall be followed for future expansion. 14. Undertaking to the effect that no activity has since been taken up :- The project was declared in Violation in 161 SEAC Haryana meeting dated 14.12.2017. Since then no construction activity has been initiated. 15. Appraisal by State Coastal Zone Management Authority (SCZMA) :- Not applicable 16. Details of earlier EC, if any and compliance thereof:- <ul style="list-style-type: none"> • Environmental Clearance granted vide letter no. 21-292/2007-IA.III dated 19.07.2007 for plot area 33,958.90 sqm and built-up area of 27,354.0 sqm for development of hospital. • Certified Compliance was received for the existing complex Vide Letter No. 4-363/2007/Vol II/RO (NZ)/ 329-330 dated 23.08.2017 and applied for latest certified compliance report. 17. Details of earlier appraisal by EAC/ SEAC; observation and compliance:- <ul style="list-style-type: none"> • The case was appraised in 175th SEAC Haryana meeting where case was deferred due to submission of revised remediation plan alongwith cost assessment, natural and community resource augmentation plan corresponding to ecological damage and economic benefits derived due to violation duly vetted from the reputed Government Technical Institute. Now the same has been vetted by Delhi Technical University (DTU).
--	--

15.5.1.3	<p>Observations and recommendations of committee: The EAC after deliberation deferred the proposal for want of following information:</p> <ul style="list-style-type: none"> (i) Table indicating progressive construction right from beginning before issue of Environmental Clearance dated 19.07.2007 and the consumption of various construction materials including water and energy. (ii) Green belt as per MoEF&CC guidelines to be compensated in the green area. (iii) Latest certified compliance report from the Regional Office of the Ministry for the existing EC. (iv) A table indicating the Air, Water and Soil sampling stations with distances and directions as per the wind direction. (v) Detailed action plan for maintaining indoor air quality. (vi) Noise levels were exceeding the prescribed standard during the night time. A detailed action plan for the maintaining the noise quality should be submitted and a detailed action plan for reducing noise levels. (vii) Details of fauna in the buffer zone to be submitted. (viii) Baseline health survey in the core and buffer zone to be submitted. (ix) Details of primary health centers to be adopted. (x) A copy of Environmental Policy of the Hospital clearly stating that non-compliances relating to environment, if any, shall be reported to the Board of Directors. (xi) A dedicated Environment Management division with qualified Environmental Scientist/Engineer along with a requisite number of supporting staff, reporting to the Managing Director of the Hospital shall be established. (xii) Traffic analysis and the management for a radius of 5 km surrounding the project. (xiii) Environmental mitigation plan for the Impacts should be given in the separate chapter of EMP in the EIA report. (xiv) The effluent of laboratory and patient shall not be treated in ETP and not to be recycled. (xv) Arrangement with authorized recycler (MoU) for recyclable waste. (xvi) Provisions of Energy efficient motors as per ECBC 2017. (xvii) The damage assessment during the construction period (xviii) LU/LC analysis of pre and post construction (xix) The revised remediation and community and natural resource augmentation plan with budgetary provision to augment them in 3 years period shall be submitted as suggested by the committee in the meeting. (xx) Status of credible action taken against violation of EIA Notification, 2006 (xxi) Revised CER considering Greenfield project, since it is a violation case as per the MoEF&CC OM dated 01.05.2018. (xxii) Status of credible action taken against violation (xxiii) Clarification regarding submission of EIA and EMP report to SEIAA Haryana on the same date of ToR was issued i.e. 26.07.2018.
15.5.2	<p>Commercial building project at Plot No. M-1, Village Samaspur, Bindapur, Sector-51, Mayfield Garden, Gurgaon, Haryana by M/s Sunvision Builders Pvt. Ltd. - Environmental Clearance.</p> <p>[IA/HR/MIS/84395/2017]dated 02.11.2018, [F. No. 23-280/2018-IA.III (V)]</p>
15.5.2.1	<p>M/s Sunvision Builders Pvt. Ltd. has made online application vide proposal no. IA/HR/MIS/84395/2017] dated 02.11.2018 seeking Environment Clearance for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as tenure of SEIA Haryana is completed.</p>
15.5.2.2	<p>Details of the project as per the submission of project proponent:</p> <p>Chronology of the EC application of the project</p>

- EC application submitted to earlier SEIAA, Haryana on 09.06.2009
- Project was taken up in 23rd SEAC meeting held on 22.10.2009 wherein 15 observations were raised
- Reply submitted to SEAC on 09.02.2010
- Project was taken up for reconsideration in 31st SEAC meeting held on 17.03.2010 wherein 10 observations were raised
- Reply submitted to SEAC on 07.06.2010
- Project was taken up for reconsideration in 39th SEAC meeting held on 22.07.2010 wherein 5 observations were raised
- Reply submitted to SEAC on 30.08.2010
- Project was taken up for reconsideration in 44th SEAC meeting held on 30.09.2010 and recommended for grant of Environment Clearance with GOLD rating
- The case was recommended to SEIAA for grant of Environmental Clearance by SEAC on 31.12.2010
- The case was considered by SEIAA during the meeting held on 22.01.2011 wherein certain observations were raised
- The tenure of SEIAA/SEAC completed and the case was transferred to MoEFCC on 04.05.2011
- The case was considered during 104th EAC meeting held on 17.08.2011 wherein 9 observations were raised
- Reply was submitted to MoEFCC on 14.11.2011
- SEIAA/SEAC was reconstituted by MoEFCC on 23.03.2012 and the project was transferred back to SEIAA, Haryana on 05.06.2012
- Project was taken up during 63rd SEAC meeting held on 28.08.2012 wherein 4 observations were raised
- Reply submitted to SEAC on 06.03.2013
- Project was taken up for reconsideration during 81st SEAC meeting held on 10.05.2013 wherein 3 observations were raised
- Project was taken up for reconsideration during 95th SEAC meeting held on 27.11.2013 and it was decided to send the case to SEIAA for delisting as no reply was submitted to last SEAC queries
- Project was referred back to SEAC from SEIAA on 22.01.2014 with the instructions of site visit by committee members
- The case was taken up in 103rd SEAC meeting held on 28.04.2014 wherein a sub-committee was formed for site visit
- The site was inspected on 10.06.2014 and during inspection, it was found that the construction has been initiated at site without Environment Clearance
- The project was taken up in 114th SEAC meeting held on 22.08.2014 wherein violation of EIA notification 2006 was confirmed and the case was processed further for prosecution
- The case was taken up in 76th SEIAA meeting held on 13.10.2014 and SEIAA vide letter dated 07.11.2014 forwarded the case to Principal Secretary Environment for initiating credible action against the project proponent as per MoEFCC OM dated 12.12.2012
- The tenure of SEIAA/SEAC completed on 21.03.2015 and the case was again transferred to MoEFCC in March, 2015
- SEIAA/SEAC was reconstituted by MoEFCC on 21.08.2015 and the project was transferred back to SEIAA, Haryana
- NGT vide judgment dated 25.08.2015 quashed MoEFCC OM dated 12.12.2012 and the violation projects were put on hold
- SC vide order dated 14.09.2015 maintained status quo and put an interim stay on the above-said NGT judgment
- MoEFCC published draft notification vide S.O. 1705(E) dated 10.05.2016 for appraisal of violation projects
- MoEFCC published final notification for violation projects vide S.O. 804 (E) dated 14.03.2017 for appraisal of violation projects

- EC application re-submitted to MoEFCC on 28.07.2017 under violation category
- MoEFCC vide OM dated 15.03.2018 delegated the powers for appraisal of violation projects to State and the file has been transferred to SEIAA, Haryana

1. **Project title, location** (plot No./ Village/ Tehsil/ District):- Commercial Colony project at Plot no.M-1, Village- Samaspur, Bindapur, Sector-51, Mayfield Garden, Gurgaon, Haryana

2. **Salient features of the project :-**

- Land use pattern/ Total plot area/ built up area: - Total Plot Area- 10,898.16sq.m. Total Built up area –32,331.99 sq. m.
- Total water requirement and its source :- Construction Phase:
Total water demand of the project was approximately 162 ML.
Operation Phase: Total water demand of the project is expected to be 101 KLD approximately;

S. No. Description Total

1.	Fresh water (KLD)	42
2.	Domestic water (KLD)	84
3.	Total water (KLD)	101
4.	STP Capacity (KL)	100

And the water requirement will be met by HUDA.

- Waste water generation, treatment and disposal :- Wastewater Generation

• Domestic Requirement	Water	• 84 KLD
• Fresh		• 42 KLD
• Flushing		• 42 KLD
• Waste Generated (80% fresh of domestic + 100% flushing)	Water	• 34+42= 76 KLD + 6 = 82

It is expected that the project will generate approx. 82 KLD of wastewater. The wastewater will be treated in an onsite STP of 100 KL capacity. Approx. 68.4 KLD of treated water will be generated from the STP which will be reused within the project premises for flushing and horticulture. Surplus treated water will be discharged to the external sewer

Construction Phase:

During the construction phase soak pits and septic tanks was provided for disposal of waste water. Temporary sanitary toilets were provided.

- Municipal solid waste generated disposal facility :- Operation Phase:
The total municipal (domestic) solid waste to be generated is approx. 890.56 kg/day

• Biodegradable waste	• 356.224 kg/day (Waste vegetables and foods etc.)
• Non-biodegradable waste	• 445.28 kg/day (Papers, cartons, thermocol, plastics, glass etc.)
• Inert waste	• 89.056 kg/day
• Total	• 890.56 kg/day

- Power requirement and source :- Electrical Load
Electrical load = 2,300 kW
Source: State Electricity Board
There is provision of 3 no. of DG sets of total 3,250 KVA capacity (1 × 1500 kVA + 1 × 250 kVA) and 1X1500 on standby mode for power back up in the Project.
- Proposed energy saving measures :- Energy will be saved using T-5 Lamp, LED lamps, Solar PV.
- RWH :- Rain water recharge pits (3 Nos.) will be provided
- Car parking :-

• Area	• No. of parking provided
• Open	• 78 ECS
• Basement I	• 150 ECS
• Basement II	• 150 ECS
• Total parking provided	• 378 ECS

- Investment/Cost of the project :- INR 92.9 Crore (inclusive of Land cost & Development cost)
 - Benefits of the project :- Direct & Indirect employment opportunities and Infrastructural Development of the Area.
 - Employment potential :- Construction Phase : During the construction phase, approx. 200 workers got direct employment opportunity
Operational phase : On completion of project there will be regular movement of owners, visitors, staff and related personals. Total influx of population is expected to be 378ECS.
3. Project/ activity covered under item of Schedule to the EIA Notification, 2006:- Building and Construction project, Category 'B',Project or Activity: 8(a)
 4. Why appraisal/ approval is required at the Central level:- As state SEAC/SEIAA does not exist.
 5. National Park/ Wild Life Sanctuary in 10 km radius area:- None
 6. Eco-Sensitive Zone in 10 km radius area:- None
 7. Details of Forest land involved, if any:- None
 8. ToR Details: - Terms of Reference (ToR) was granted by State Environment Impact Assessment Authority, vide Memo No: - SEIAA/HR/2018/848 dated: - 07.08.2018.
 9. Details of Public Hearing and main issues raised/response of the PP:- Not applicable
 10. If any court case pending for violation of the environmental laws (supported by an undertaking) :- Yes, Credible action under Environment Protection Act.
 11. Land use planning:- M/s Sheetal International Pvt. Ltd. was granted license (no. 98 of 2008 dated 14.05.08) by Town & Country Planning Department, Haryana for land measuring 19.069 acre. Out of this, 2.693 acre land was sold to M/s. Sunvision Builders Pvt. Ltd. for development of a commercial project vide Conveyance Deed dated 24th Sep., 08.
 12. Ground water withdrawal approval from CGWA:- Not applicable
 13. For other sources, firm commitment of the water supply agency:- Water will be supplied by HUDA
 14. Undertaking to the effect that no activity has since been taken up :- Project is under violation
 15. Appraisal by State Coastal Zone Management Authority (SCZMA) :- Not applicable
 16. Details of earlier EC, if any and compliance thereof:- None
 17. Details of earlier appraisal by EAC/ SEAC; observation and compliance:

15.5.2.3

Observations and recommendations of committee:

The EAC after deliberation **deferred** the proposal for want of following information:

- (i) All the copies of minutes of SEIAA.
- (ii) Date of construction was started.
- (iii) Copies all the necessary approvals obtained.
- (iv) Submission of Commitment regarding ZLD.
- (v) Approval letters for water supply and sewage treated water supply shall be submitted.
- (vi) Ambient air quality table shall be revised to include the directions along with windrose diagrams and submit reasons for higher air quality values.
- (vii) Scheme for implementation of indoor air quality system shall be submitted.

	<ul style="list-style-type: none"> (viii) Schedule I – Fauna is observed to be in buffer zone as per the list and hence suitable conservation plans shall be submitted. (ix) The Rainwater harvesting system in compliance with GEC 2015 shall be submitted apart from building guideline. (x) A commitment for providing MBBR STP system with ACF and UV filtration of adequate size shall be submitted. Confirmation for provision of dual plumbing system shall be submitted. (xi) Copy of MOU for disposal of non-biodegradable hazardous waste and recyclable waste including e-waste shall be submitted. (xii) Submit the program of greenbelt indicating the species as per the MOEF guidelines. (xiii) In ECBC compliance report 2017 specify the provision of LPD as per ECBC, the efficiency of motors as per ECBC and the proposed compliance. (xiv) Solar Power @ 1% of the demand (xxiv) Status of credible action taken against violation of EIA Notification, 2006 (xxv) Revised CER considering Greenfield project, since it is a violation case as per the MoEF&CC OM dated 01.05.2018. (xv) The revised remediation and community and natural resource augmentation plan with budgetary provision to augment them in 3 years period shall be submitted by considering following points: <ul style="list-style-type: none"> a. Air Environment: Shall submit increase in GLC during construction, impacts on occupational health of construction workers and the nearby habitats in the absence of proper mitigation measures during construction and the budget shall be revised accordingly. Cost of DG stack, AAQ monitoring shall be covered under EMP cost. b. Damage to surface water regime during construction due to effect on surface runoff by construction material and the fugitive dust. c. Non-provision of Rainwater Harvesting system during construction and subsequent damage due to stagnation and avoidance of ground water recharge. d. Since high risk of noise environment due to habitation in closer proximity additional plantation coverage/ Greenbelt coverage to mitigate the impact. e. Land Environment: Improper use of handling of topsoil and subsequent damage and surface runoffs with land use change. Solid and hazardous waste during and improper handling.
15.5.3	<p>Expansion of warehouse for storage of non-agriculture produce (Logistic) at Village Jhamuwas & Gudhi, District Mewat, Haryana by M/s Gokaldas Warehousing Corp. Ltd. - Environmental Clearance.</p> <p>[IA/HR/MIS/84477/2018]dated 02.11.2018, [F. No. 23-281/2018-IA.III (V)]</p>
15.5.3.1	<p>M/s Gokaldas Warehousing Corp. Ltd. has made online application vide proposal no. IA/HR/MIS/84477/2018] dated 02.11.2018 seeking Environment Clearance for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as tenure of SEIA Haryana is completed.</p>

15.5.3.2

Details of the project as per the submission of project proponent:

1. **Project title, location** (plot No./ Village/ Tehsil/ District):- Expansion Of Warehouse For Storage Of Non-Agriculture Produce (Logistic), Village Jhamuwas&Gudhi, District Mewat, Haryana

2. **Salient features of the project :-**

- Land use pattern/ Total plot area/ built up area: - Total Plot Area- 72,613sq.m. Total Built up area –34,901.44sq. m.

- Total water requirement and its source :- Construction Phase: Total water demand of the project was approximately 174 KLD. Operation Phase: Total water demand of the project is expected to be 6 KLD approximately;

S. No.	Description	Total
1.	Fresh water (KLD)	1
2.	Domestic water (KLD)	3
3.	Total water (KLD)	6

Source :- water requirement will be met by Private water tanker

- Waste water generation, treatment and disposal :- Wastewater Generation

Domestic Water Requirement	3 KLD
Fresh	1 KLD
Flushing	2 KLD
Waste Water Generated (80% fresh of domestic + 100% flushing)	0.8 + 2 = 2.8 KLD

It is expected that the project will generate approx. 3 KLD of wastewater. The wastewater will be collected in soak pits.

Construction Phase:

During the construction phase soak pits and septic tanks was provided for disposal of waste water. Temporary sanitary toilets were provided.

- Municipal solid waste generated disposal facility :- Operation Phase: The total municipal (domestic) solid waste to be generated is approx. 17 kg/day

Biodegradable waste	10 kg/day (Waste vegetables and foods etc.)
Non-biodegradable waste	5 kg/day (Papers, cartons, thermocol, plastics, glass etc.)
Inert waste	2 kg/day
Total	17kg/day

- Power requirement and source :- Electrical Load

- Electrical load = 1,200kVA

Source: Dakshin Haryana Bijli Vitran Nigam (DHBVN).

There is a provision of 3 DG sets of 250 KVA, 200 KVA and 200 KVA for power backup.

- Proposed energy saving measures :- Energy will be saved using T-5 Lamp, LED lamps, Solar PV

- RWH :- Rain water recharge pits (6 Nos.) will be provided

	<ul style="list-style-type: none"> • Car parking :- Required Parking = 10,891.95 m² (15% of plot area) Proposed Parking (Surface Parking) = 10,928.26 m² (15.05 % of plot area) • Investment/Cost of the project :- INR 35Crore (inclusive of Land cost & Development cost) • Benefits of the project :- Direct & Indirect employment opportunities and Infrastructural Development of the Area. • Employment potential :- Construction Phase : During the construction phase, approx. 75 workers got direct employment opportunity Operational phase : On completion of project there will be regular movement of owners, visitors, staff and related personals. Total influx of population is expected to be 75 ECS. <p>3. Project/ activity covered under item of Schedule to the EIA Notification, 2006:- Building and Construction project, Category 'B',Project or Activity: 8(a)</p> <p>4. Why appraisal/ approval is required at the Central level:- As state SEAC/SEIAA does not exist.</p> <p>5. National Park/ Wild Life Sanctuary in 10 km radius area:- None</p> <p>6. Eco-Sensitive Zone in 10 km radius area:- None</p> <p>7. Details of Forest land involved, if any:- None</p> <p>8. ToR Details: - Terms of Reference (ToR) was granted by State Environment Impact Assessment Authority, vide Memo No: - SEIAA/HR/2018/858 dated: - 07.08.2018.</p> <p>9. Details of Public Hearing and main issues raised/response of the PP:- Not applicable</p> <p>10. If any court case pending for violation of the environmental laws (supported by an undertaking) :- No</p> <p>11. Land use planning:- Commercial</p> <p>12. Ground water withdrawal approval from CGWA:- Not applicable</p> <p>13. For other sources, firm commitment of the water supply agency:- Water will be supplied by Private water tanker</p> <p>14. Undertaking to the effect that no activity has since been taken up :- Project is under violation</p> <p>15. Appraisal by State Coastal Zone Management Authority (SCZMA) :- Not applicable</p> <p>16. Details of earlier EC, if any and compliance thereof:- None</p> <p>17. Details of earlier appraisal by EAC/ SEAC; observation and compliance:- Chronology of the EC application of the project</p> <ul style="list-style-type: none"> • EC application submitted to MoEF&CC, New Delhi on 10.02.2018 under violation category • Again EC application was submitted to SEIAA, Haryana on 20.03.2018. Ref: MoEF&CC 8th March 2019 notification (S.O 1030 E) for violation cases. • ToR has been granted by SEIAA, Haryana in 115th Meeting on 25.07.2018. • EIA/EMP report was submitted online portal to SEIAA, Haryana on 31.08.2018 under violation category. • EIA/EMP report was submitted online portal to MoEF&CC on 02.11.2018 under violation category. • Case listed in 15th EAC meeting agenda on 29.11.2018.
15.5.3.3	<p>Observations and recommendations of committee:</p> <p>The EAC after deliberation deferred the proposal for want of following information:</p> <ul style="list-style-type: none"> (i) Date of construction was started and completed (ii) Copies all the necessary approvals obtained (iii) Parking area shall be on a paved platform and the PP shall give a commitment for the same.

- (iv) Change of Land use plan is valid for 2 yrs i.e. upto 5/08/2017 and whether extension obtained if so please submit the same.
- (v) Revised Table depicting AAQ station locations, with distance and direction w.r. to the wind rose shall be submitted
- (vi) AAQ data appears to be very high considering site location, not so closer proximity to MDR and surrounded by agricultural fields. Hence this may be rechecked and if there is no change, proper justification for the high values shall be provided.
- (vii) Conservation plan approved by local wildlife warden for the schedule-1 (common peafowl) found in buffer zone shall be submitted.
- (viii) RWH calculation in compliance with GEC 2015 shall be submitted and such water including the storm water shall be stored in adequate size tanks to be treated and reused for the requirements such as sprinkling and other uses, shall be submitted.
- (ix) Source of authorized water supplier shall be submitted.
- (x) Copies of MOU between the PP and authorized recycler shall be submitted for disposing of Non-Biodegradable and recyclable and hazardous waste.
- (xi) Table showing the compliance to ECBC-2017 norms shall be submitted.
- (xii) Three tier Green Belt plan of width 15 metres of native species of thick and foliated leaves all around the boundary shall be submitted.
- (xiii) Solar power @ 1% of demand is required and commitment for the same shall be submitted.
- (xiv) Traffic impact study considering the traffic surrounding 5KM area present and future shall be submitted.
- (xv) Status of credible action taken against violation of EIA Notification, 2006
- (xvi) Revised CER considering Greenfield project, since it is a violation case as per the MoEF&CC OM dated 01.05.2018.
- (xvii) The revised remediation and community and natural resource augmentation plan with budgetary provision to augment them in 3 years' period shall be submitted by considering following points:
 - a. All ecological damage assessment shall be calculated for the total construction period of 62 months and resubmitted.
 - b. Please correct the annual average rainfall figures and workings shall be accordingly.
 - c. High sensitivity receptors shall include construction workers (Nos) apart from farm house (No. of Occupants), Gudha village (Population) i.e. habitants within 350 metres and since no control / mitigative measures must have been adopted in the absence of EC, increase in GLC of PM₁₀,_{2.5} needs to be estimated by modelling and considered for damage assessment and such actual damage quantum shall be submitted along with Isopleths PM₁₀, 2.5, Sox and Nox.
 - d. Further while High Degree of damage is assessed due to air pollution during construction stage, on human health of construction workers, nearby habitats (within 350m) and ecology. Hence the remediation plan shall focus on Dust suppression activity involving providing paved roads, health camps, community plants surrounding the nearby habitations like Gudha village, water sprinkling, provision of greenery in the nearby school, personal protective equipments, etc.

	<ul style="list-style-type: none"> e. Water Environment: -Though Ground water was not used instead STP water was used, the source and arrangement shall be indicated. Damage due to waste water generated during construction, increase in suspended solid due to surface runoff from building under construction and obstruction of Rain water percolation in the absence of proper control measures during construction, water harvesting damages due to surface runoff and stagnation. The above damages needs to be accented for in the remediation budget. f. Improper Solid and Hazardous waste disposal and the damages cost on land and soil. g. Noise Environment: Budget provided for acoustic enclosure, vibration patches and low Nox burners constitute EMP cost and not remediation cost. And remediation budget should comprise of providing noise abatement measures surrounding the project. h. Land environment shall cover the damages due to change in land use and other surface changes and improper top soil management leading to damage assessment and remediation budget. i. Biological Environment shall be taken in to consideration, plantation of 900 trees instead of 250 trees in the vacant and adjustment area. j. Socio Economic environment shall take to account the inflow of construction worker and related load on local infrastructure and the remediation towards the same. Damage should cover occupational health and the remediation. k. ECBC 2017 applicable to commercial buildings has bot been implemented so far and hence high consumption of energy shall be factored into the impact and remediation worked out. l. Natural and community resource augmentation plan shall be revised by considering development of greenery, black topping, parks, public toilets including schools and Healthcare programs, provision of drinking water facilities (RO), Rainwater harvesting system in the nearby habitat and school, skill development, enhancement of resources in farming etc.
15.5.4	<p>Expansion of Medapalli Opencast Expansion project at Ramagundam Area-I, Village Medapalli, Mandal Ramgundam, District Pedapalli, Telangana by M/s The Singareni Collieries Company Ltd. - Terms of Reference [IA/TG/CMIN/74390/2018 dated 13.04.2018] [F. No. 23-278/2018-IA.III (V)]</p>
15.5.4.1	<p>M/s The Singareni Collieries Company Ltd. has made online application vide proposal no. IA/TG/CMIN/74390/2018 dated 13.04.2018 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 1 (a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as general condition applies.</p>
15.5.4.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. The Project Proponent made a detailed presentation on the salient features of Medapalli Opencast Coal Mine Expansion Project. 2. The project involves extraction of coal @ 3.0 MTPA(peak 4.09 MTPA) (Proposed for 5.00 MTPA) by M/s Singareni Collieries Company Ltd. in an area of 1145.03 hectares at Medapalli Village, Ramagundam Taluka/Mandal, Peddapalli District, Telangana (<i>State</i>). 3. The said project is covered under category 1 (a) of item Mining of Minerals of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee.

4. Whether project attracts the General Condition specified in the Schedule of EIA Notification (Yes/No)? [provide name of WL/CPA/ESA/Inter-state boundary / International boundary and distance from the project]: **No**
5. River Godavari forming North Eastern boundary of the block, drains the area along with its ephemeral tributaries. The Highest Flood Level (HFL) of Godavari River was recorded as 138.55 m above MSL (Corresponding to 838.55 m of assumed Level) during the monsoon on 20.10.1995. Large portion of the block is covered under this HFL of the river and the same was protected with a bund between River and mine.
6. Details of Forest issues, if any: **Nil**
7. Details of Consent to Operate:
(i) Whether Consent to operate obtained (Yes/No)? **Yes**
(ii) Date of issue : **21.04.2018**
(iii) Valid up to : **31.03.2021**
(iv) Submit Copies of all Consent to operate obtained since inception
8. Mine Capacity in ROM (Run of Mine): **3.00 MTPA (Peak 4.09 MTPA) (Proposed for 5.00 MTPA)**
9. Whether the proposal is mining of Minor minerals project (Yes/No)? **No**
10. Whether the proposal is mining of Major minerals project (Yes/No)? **Yes**
11. No. of Mineral to be Mined with name: **One (Coal)**
12. Details of mine lease: - Medapalli Mining lease
(i) Date of entering into original lease deed : 20.06.1991
(ii) Date of expiry of original lease deed : 09.12.2021
13. Details of DGMS permission, if any: - Obtained
14. Details of past production of mine since its inception duly in tabular form:
(Hard copy authenticated by Department of Mines & Geology, State Government to be submitted)

Year	EC Capacity (MTPA)	Actual Production (MTPA)	Excess production beyond the EC sanctioned capacity (MTPA)
1994-95	1.25	0	-
1995-96		0.36	-
1996-97		0.48	-
1997-98		0.56	-
1998-99		0.59	-
1999-00		0.85	-
2000-01		0.73	-
2001-02		1.00	-
2002-03		1.41	0.16
2003-04		1.44	0.19
2004-05		1.57	0.32
2005-06		1.48	0.23
2006-07		1.36	0.11
2007-08		2.50	0.16
2008-09	4.09	3.09	-
2009-10		3.32	-
2010-11		4.18	0.09
2011-12		3.57	-
2012-13		3.99	-
2013-14		2.74	-
2014-15		3.87	-
2015-16		4.59	0.50
2016-17		4.65	0.56
2017-18		4.67	0.58

15. Details of Violation (*Brief description of the project activity that leads to violation of EIA Notification, 2006*): **Production exceeded the EC sanctioned capacity as furnished in the above table.**

16. The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under: (Note: *Do not furnish details in Annexures*)

- (i) Date of application for TOR/EC submitted to MoEF&CC/SEIAA: **13.04.2018**
- (ii) Date of appraisal of EAC/SEAC meetings so far: **Fresh Proposal**
- (iii) Observations/recommendations of the EAC/SEAC in each meeting: **Not applicable**
- (iv) Details of action taken by the State Government/SEIAA u/s 5/u/s 19 of the EP Act, 1986 for the alleged violation of the EIA Notification, 2006: **Nil**
- (v) Complaint case filed by the State Government/State Pollution Control Board: **Nil**
- (vi) Further consideration of the proposal by the EAC/SEAC, in case action was taken as mentioned in point (iv) and (v) above. If yes, furnish details: **Nil**
- (vii) Final recommendations of MOEF&CC/SEIAA in reference to point (vi) above: **Not applicable**
- (viii) Legal interventions, if any: **Nil**

Now the proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.

15.5.4.3	<p>Observations and recommendations of committee:</p> <p>The EAC after the presentation by the PP observed that present proposal is for regularisation of earlier EC granted vide dated 22.06.1992 & 02.07.2008 for 1.25 MTPA & 3.0 MTPA (4.09 peak) respectively. Based on the production detail PP has gone for enhanced production beyond EC capacity from 2002 to 2008, 2010-2011 and 2015-2018. Also, PP has proposed for reduction in mine lease area from 1171.55 Ha (earlier EC) to 1145.03 Ha in the present expansion proposal.</p> <p>The EAC after detailed deliberation deferred the proposal for want of following information:</p> <ul style="list-style-type: none"> (i) KML file showing earlier and present proposed mining lease area. (ii) Clarification for decrease in Mine Lease area and a table showing Pre-Mining and Present land use details for earlier EC proposal and present proposal. (iii) Comparison table for details of land use status after mine closure stage for earlier EC proposal and present proposal. (iv) Submission of affidavit in compliance of Hon'ble Supreme Court order dated 02.08.2017.
15.5.5	<p>Proposed Black Granite Quarry (M.L. Area 166.920 Ha) at Survey No. 917(Part) & 921(Part) at Mahimandalam Village, Katpadi Taluk, Vellore District, Tamil Nadu by M/s Tamil Nadu Minerals Limited - Further consideration for Terms of Reference</p> <p>[IA/TN/MIN/67985/2017 dated 06.09.2017][F. No. 23-203/2018-IA.III (V)]</p>
15.5.5.1	<p>M/s Tamil Nadu Minerals Limited has made online application vide proposal no IA/TN/MIN/67985/2017 dated 06.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.</p>
15.5.5.2	<p>Details of the project as per the submission of project proponent:</p> <p>1. Project description</p> <p>The Proposal of M/s Tamil Nadu Minerals Ltd, Chennai, (popularly known as TAMIN) is for Mining of Black Granite (Minor Mineral) from Mahimandalam Black Granite Quarry for Total Excavation of 1003 m³/annum. In Granite Industries excavation of Granite blocks are measured in volumetric basis, i.e., Cubic meter (m³). However, approximately 1 m³ = 4 Tons in respect of Black Granite deposits i.e., geologically called as Dolerite dyke (Minor Mineral) formation. Waste, 32432 M3 (Granite Rejects) O.B, 2580 m³ Inter Burden, 2160 m³ Top Soil etc. Nil. (As it is rocky formation)] Mining lease area is 166.92 Ha located at Sf No 917part & 921part of Mahimandalam Village, Walajah taluk (Now Katpadi Taluk), Vellore District in Tamil Nadu State by M/s Tamil Nadu Minerals Ltd.</p> <p>3. Project Background</p> <p>The proposal of M/s Tamil Nadu Minerals Ltd is for production of 1003 m³ per annum of Mining of Minor Minerals from Mahimandalam Black Granite Quarry (ML Area 166.92 Ha, located at SurveyNo.917 Part and 921 Part, at Mahimandalam Villages, Katpadi Tehsil Vellore District, Tamil Nadu,StateThe mining lease is located on Survey of India Topo-sheet no. 57 O 4 and 57 O 8. The area is bounded between the coordinates Latitude 13°4'53.86"N to 13° 5'27.78"NandLongitude79°12'0.63"E to 79°13'54.09"E</p> <p>3. Category of the Project (Refer cluster certificate if applicable)</p> <ul style="list-style-type: none"> ➤ The said project/activity is covered under category 'A 'of item 1(a) Mining of MineralsoftheScheduletotheEIANotification,2006 as amended, and requires prior EC

from the MoEF & CC based on the appraisal by Expert Appraisal Committee.

- Cluster certificate is not applicable for this project as there is no quarry within 500 meter radius as well as the total extent of the project is more than 25 Ha, ie., 166.92 Ha.

**4. Violation Details & Sectorial EAC/SEAC Comments:
(Chronological events of the Project)**

S. No	Year	Activity	Reference
1	13.04.2015	EC Application (before 14 th March 2017 violation notification)	IA/TN/MIN/27398/2015
2	01.05.2015	EC Application acceptance by MS	Acceptance letter
3	15.05.2015	Proposal Considered in 33 rd EAC Meeting	33 rd EAC Agenda
4	05.06.2015	ToR Issued by MoEF&CC	J-11015/131/2015-
5	Dec-2015 to Feb 2016	Baseline studies	--
6	02.12.2016	Public Hearing	Public Hearing
7	06.09.2017	EC Application as per 14 th March 2017 violation notification)	IA/TN/MIN/67985/2017
8	01.08.2018	Proposal considered in 11 th EAC meeting proposal involving in Violation	11 th EAC Agenda No 11.4.7
9	12.08.2018	Project is deferred in 11 th EAC meeting & Additional details are sought by MS	Additional submission at portal
10	10.10.2018	Additional details sought furnished & uploaded at MoEF&CC Portal	Acceptance mail received from MS on Nov 16 th 2018
11	29.11.2018	Proposal considered in 15 th EAC meeting proposal involving in Violation	15 th EAC Agenda No. 15.5.5

5. Application (Form-1 & PFR)

Fresh application was made online vide proposal no: IA/TN/MIN/67985/2018 dated: 06.09.2017 under violation category for Terms of References (ToR) in terms of provision of the Ministry's Notification S.O804 (E) and Submitted Form-1 and PFR. The proposed project activity is covered under 'Schedule 1(a) mining of Minerals Notification, 2006 and is a category 'A'.

The proposed project activity is covered under 'Schedule 1(a) Mining of Minerals Notification, 2006 and is category 'A' due to the following reasons:

1. Black Granite Quarry is over extent of 166.92 Ha.
2. Project attracts the General Conditions. (Tamil Nadu-Andhra Pradesh Interstate boundary is passing adjacent to Mine lease area towards NW direction.)

6. Details of Minerals: Number of minerals. Whether mineral is major or minor. Status of same mineral before 2006 (major or minor):

- It is a Minor Mineral quarry (Black Granite only) since 1999.

7. Letter of Intent (LoI)/Mining Lease Details:

1. Quarry lease was granted over an extent of 373.36.5 Ha. In SF. No. 917 & 927 of Mahimandalam village, Walajah Taluk, (Now Katpadi Taluk), Vellore District, Tamil Nadu for 10 years vide G.O. Ms. No. 300 Industries Department, Dated 26.06.1991, valid up to 22.11.2001.
2. TAMIN surrendered an extent of 126.36.5 Ha. to the government and the same accepted by the government vide G.O. 3D No. 17 Industrial Development, Dated 03.03.1998.
3. Subsequently TAMIN filed the renewal lease application for the remaining extent of 247.0 ha.(373.36.5 – 126.36.5 = 247.0 ha.) for 20 years vide letter date on 17.11.2000 & 28.03.2001. The mining plan of the same was approved in Director of Geology and Mining Letter RC. No. 14624/MM2/2001, Dated 16.11.2001.
4. Further, TAMIN once again requested the government to reduce the lease area by an extent of 80.08.0 ha. from 247.0 ha. (247.0 – 80.08 = 166.92 ha.) and the government have accepted and granted renewal lease for 166.92 ha. Vide G.O. 3D No. 45 Industries (MME 1) Department, Dated 20.11.2002 for 20 years. Valid up to 22.11.2022.

8. Method of Mining & Mining Plan Details:

1. Mining Plan: approved by Director of Geology and Mining Letter RC. No. 14624/MM2/2001 fated 16.11.2001 to 2006.
2. Scheme of mining-I vide Letter No. 8301/ML3/2007 dated.17.04.2007(deemed to approved)
3. Scheme of Mining-II Letter No.2366/ML2/2012, dated. 21.02.2012. (deemed to approved)
4. Scheme of mining III Letter No 2366/ML2/2016, dated. 13.05.2016. period: 2016-17 to 2020-21.

Project Description:

Production Capacity	1003 m ³			
Geological Reserves	Geological reserves, the total quantity of reserves have been computed on the geological cross sections up to the economically average depth of 25 m from the top surface of the granite body works out to 86, 14,000 m ³ and the total updated geological reserves after deleting before mine plan period, during mine plan period and Scheme of mining period I and II is 81, 91,116 m ³ .			
Mineable Reserves	The total mineable reserve have been computed after deleting of reserves due to mineral lock up in benches as 84,19,563 m ³ and updated mineable reserves after deleting before mine plan period, during mine plan period and Scheme of mining period I and II is 79,96,679 m ³ .			
Saleable Reserves	The commercially viable or saleable reserve is computed at 3 % recovery, the saleable reserve was about 2, 39,901 m ³ .			
Land Use Pattern of the lease	S. No	Particulars	Extent in Ha	End of Mine Life
	1	Mine Pit area	8.86	53.0
	2	Road	1.46	4.06
	3	Afforestation	1.00	21.75
	4	Office Building	0.75	-
	5	Existing Waste Dump	5.0	2.25
	6	Proposed Waste Dump	3.11	72.84
	7	Unmined area	146.74	13.02
	Total Mine Lease area	166.92	166.92	
Method of Mining	<p>Open cast method. Primary Cutting: Open cast, semi-mechanized mining with stages of splitting of rock mass, and separation of two vertical ends along the</p>			

	width slide by diamond wire cutting. Separation of the horizontal and vertical planes by serial blasting simultaneously along the above two plans by using 32 mm dia blast holes charged with mild explosives like gunpowder or detonating cord. Secondary splitting: The secondary splitting to size required size involves long hole drilling up to the bottom of the separated block and mild blasting along the required planes. Secondary splitting is done by using the compressed air available at the quarry, initially widening and splitting up to 15 to 18 cm. The blocks are toppled and removed from the pit to the dressing yard by using hydraulic excavators.
Depth of Mining	25 m Above Ground-Top of the Hill- for lease period.
Main mining equipment	Hydraulic Excavator (Hitachi), Compressor Portable and tractor mounted, Crane 10- Ton Escort, Tipper, Jack Hammer and Diamond wire saw machine with accessories.
Life of the mine	20 years
Man Power	Direct – 41 Nos and Indirect – 70 Nos.
Waste Generation	The total quantity of waste generation for scheme of mining II and III is 329439 m ³ . (Scheme II – 108201 + Scheme III - 2,21,238 m ³).
Waste Management	The waste generated during the mining operation i.e., side burden, granite rejects and the non-recoverable / un-sized boulders and rubbles etc, will be dumped within the mine lease area. The existing dump area is 5.0 Ha. & proposed waste dump area in the beginning of scheme III is 3.11 Ha. and during end of the life of the mine is 75.09 Ha. The unsold blocks are kept within the boundary on the country rock area. The dumps will be maintained not exceeding 5m height and the angle of slope of dumps will be at 45° from horizontal.
Water Requirement	The Total Water requirement is 9.1 KLD Source: Private tank waters
Effluent Generation	1.4 KLD is discharged into septic tanks with soak pits.
Power Requirement	25 kVA – 2 Nos.
Project Cost	Rs. 1.0 Crore

9. Other Waste Generation, if any:

- ▶ The existing dump area is 5.0 Ha& proposed waste dump area in the beginning of scheme of Mining-III is 3.11 Ha. and during end of the life of the mine is 75.09 Ha.
- ▶ The overburden is dumped inside the mining area to stabilize slopes and reclaim low lying areas within the mine.
- ▶ Top Soil recovered will be used in the green belt areas on the North western boundary of the mine site.
- ▶ Top soil will be removed & stored on the inner boundary of the mining lease area. To improve its quality, soil stabilizers shall be mixed and leguminous plantation will be done over these stacks.
- ▶ The solid waste that is likely to be generated during the quarry activity will be stacked along the lease barrier according to the mining plan. All the care will be taken to minimize the waste generation at the source.

10. Land Use (Forest/Agricultural/Waste):

- The project Lease area is categorized as government poramboke land. Tamil Nadu Minerals Limited Obtained Lease vide G.O. 3D No. 45 Industries (MME 1) Department, Dated 20.11.2002 for 20 years. Valid up to 22.11.2022.

- No Forest/Agricultural/ Grazing land and water bodies land is involved in project lease area.

Environmental Features of the project:

The topography of the lease is hilly. The highest elevation of the lease area is 240 m to 340 m above MSL.

Environmental Features of the Project

S.No	Description	Details																				
1.	Nearest Highway	State Highway NH-124, distance 4.0 km (E).																				
2.	Nearest Railway Junction	Ramapuram Railway Station – 4.6 km (W)																				
3.	Nearest Airport	Tirupati Airport- 70.0 Km (E)																				
4.	Nearest Water Bodies /River/Sea	Ponnai River - 5.5 Km (E)																				
5	Nearest Town / City	Thiruvalem – 12.13 km (N)																				
6	Nearest Village	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Name of the Villages</th> <th>Approximate distance & direction from project site</th> <th>Population (Census 2011)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Bodinattam village (in m)</td> <td>56 (S)</td> <td>200</td> </tr> <tr> <td>2</td> <td>Ammavaripalli (in Km)</td> <td>1.35 (SE)</td> <td>1000</td> </tr> <tr> <td>3</td> <td>Perumalkuppam (in Km)</td> <td>1.89 (NE)</td> <td>1300</td> </tr> <tr> <td>4</td> <td>Vallimalai (in Km)</td> <td>3.7 (NE)</td> <td>1000</td> </tr> </tbody> </table>	S. No.	Name of the Villages	Approximate distance & direction from project site	Population (Census 2011)	1	Bodinattam village (in m)	56 (S)	200	2	Ammavaripalli (in Km)	1.35 (SE)	1000	3	Perumalkuppam (in Km)	1.89 (NE)	1300	4	Vallimalai (in Km)	3.7 (NE)	1000
		S. No.	Name of the Villages	Approximate distance & direction from project site	Population (Census 2011)																	
		1	Bodinattam village (in m)	56 (S)	200																	
		2	Ammavaripalli (in Km)	1.35 (SE)	1000																	
		3	Perumalkuppam (in Km)	1.89 (NE)	1300																	
4	Vallimalai (in Km)	3.7 (NE)	1000																			
7	Archeological Important Areas	None within 10 km radius																				
8	National Parks/Wildlife Sanctuaries	None within 10 km radius																				
9	Reserved/ Protected Forests	1. Mahimandalam RF - 2.25 Km –Aerial distance (S) 2. BasavapalleRF – 4.75 Km –Aerial distance (SW) 3. Basavapalle RF – 5.75 km –Aerial distance (NW) 4. Chilapalle RF - 6.5 Km –Aerial distance (NW)																				
10	Seismic zone	Zone III																				
11	Defense Installations	None																				


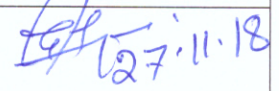
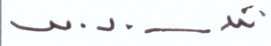

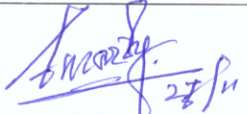
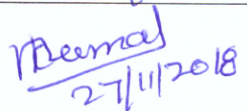
The proposed project activity is covered under 'Schedule 1(a) Mining of Minerals Notification 2006' and is a category 'A' due to the following reasons:

1. Black Granite Quarry is over extent of 166.92Ha.
2. Project also attracts the General Conditions. (Tamil Nadu-Andhra Pradesh Interstate boundary is passing adjacent to Mine lease area towards NW direction.)

15.5.5.3	<p>Observations and recommendations of committee:</p> <p>The EAC in its 11th meeting, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, observed that EIA co-ordinator did not visit the site prior, EAC took a serious note and advised the EIA co-ordinator to submit report of the site visit. EAC defer the proposal for want of following information to be submitted along with report of the site visit:</p> <ul style="list-style-type: none"> (i) DGMS permission for blasting at project site as there is large habitation/temple at the distance of 56 m. (ii) Submission of production details to be certified by Director Mines and Geology of State Government. (iii) Documents related to valid mine lease and mine plan approved by Indian Bureau of Mines. (iv) Certificate from revenue authorities that any road is not passing through mine lease area.
15.5.5.4	<p>Observations and recommendations</p> <p>The EAC after detailed presentation noted that PP has submitted affidavit in compliance of the Hon'ble Supreme Court order dated 02.08.2017, DGMS permission for blasting at project site. The EAC after detailed deliberation recommended the proposal for issuing standard Term of Reference along with the specific Term of Reference for undertaking EIA and preparation of Environmental Management Plan (EMP) subject to the submission of following:</p> <p>“Toposheet, production detail from state DMG duly signed and stamped with name of the signatory, hard copy of Annexure II duly signed by the PP and submission of kml file to the Ministry at the earliest”</p> <p>PP submitted the above information on 30.11.2018. Accordingly following specific Term of Reference are required for undertaking EIA and preparation of Environmental Management Plan (EMP) along with standard Term of Reference:</p> <ul style="list-style-type: none"> I. The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC. II. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority. III. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment. IV. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation. V. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants. VI. Fresh base line data of one season is to be collected.

	<p>VII. Public Hearing (PH) has been conducted on dated 02.12.2016 covering all the issues, committee felt that one time PH as per the order of Hon'ble High Court of Madras has already taken care and hence repeat PH is not required.</p> <p>VIII. Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report</p>
--	---

Members of the EAC for the proposal involving violation of EIA Notification, 2006 present during 15th meeting held on 27th-29th November, 2018 at MoEF&CC, New Delhi and approved the above minutes.

Sl. No.	Name of the EAC member	Role/Designation	Signature
1.	Dr. S.R. Wate,	Chairman	 28/11/18
2.	Dr. G.V. Subrahmanyam	Member	 27.11.18
3.	Dr. A. L. Ramanathan	Member	
4.	Dr. M.V. Ramana Murthy,	Member	
5.	Shri K Gowarappan	Member	
6.	Dr. Dilip S. Ramteke,	Member	
7.	Dr. Poonam Kumria,	Member	
8.	Dr. Bharat Jain,	Member	
9.	Dr. Subrata Maity,	Member	 27/11
10.	Shri Raghu Kumar Kodali	Member Secretary	 27/11/2018

Terms of Reference for EIA and preparation of Environment Management Plan

1. Project description, its importance and the benefits.
2. Project site details (location, toposheet of the study area of 10 km, coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage).
3. Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board, etc.
4. Land acquisition status, R&R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km – Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM₁₀, PM_{2.5}, SO₂, NO_x& CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF&CC/CPCB guidelines at Minimum 5 locations in the study area of 10 km.
7. Details on flora and fauna and socio-economic aspects in the study area.
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc).
9. Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area.
11. Management of solid waste and the construction & demolition waste for the project vis-avis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.

15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.

Contd.. (Annexure)

All the building projects including hotels, hospitals shall be prescribed with the following additional TOR points along with Specific TOR enumerated for study of ecological damages, remediation including above mentioned points for EIA and preparation of Environment Management Plan:

- (i) The EIA would study the impact of dewatering and draw up an action plan for disposal of the excess water.
- (ii) The EIA would study the impact of Demolition and conformance to the Construction and Demolition Rules under the E.P. Act, 1986.
- (iii) Certified Compliance Report issued by the MoEF&CC, Regional Office or concerned Regional Office of Central Pollution Control Board or the Member Secretary of the respective State Pollution Control Board for the conditions stipulated in the earlier environmental clearance issued for the project along with an action taken report on issues which have been stated to be partially complied or non/not complied.
- (iv) The Air Quality Index shall be calculated for base level air quality.
- (v) A detailed report on compliance to ECBC-2017 norms.
- (vi) A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vii) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, shall be made for traffic densities and parking capabilities in a 2 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organization of repute and specializing in Transport Planning shall be submitted with the EIA and the plan to be implemented to the satisfaction of all the concerned state departments and implementing agencies.
- (viii) The permission of the CGWA for abstraction of ground water if any and for basement/excavation dewatering if applicable.
- (ix) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.

- (x) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point.
- (xi) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- (xii) The Air Quality Index shall be calculated for base level air quality.

For Hospitals Only (In addition to above)

- (i) As per prescribed WHO guidelines, the proposal has to ensure that the Indoor Air Quality is maintained as per prescribed standards.
- (ii) Proposals to ensure that the parking areas are secure and do not permit entry of vehicles within the Hospital campus. Only ambulances and emergency vehicles shall be provided access into the hospital through dedicated emergency and exit gates. Battery operated vehicles shall be provided for internal movement of patients and attendants.
- (iii) A management plan for handling and disposal of biomedical wastes to the satisfaction of the State Pollution Control Board shall be drawn up in conformance to the Biomedical Waste Management Rules, 2016.
- (iv) Silence zones under the Noise Rules shall be demarcated and maintained in consultation with the District Administration. Proposals should be submitted in this regards.
- (v) Laboratory wastes shall be managed in accordance to the BMW Rules, 2016 and the atomic Energy Commission regulations as applicable. Proposals may be submitted in this regards.