

MINUTES OF THE 19th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 21st to 23rd JULY 2014

The 19th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 21st to 23rd July 2014 under the Chairmanship of Sh. A.K. Saxena in the Conference Room at 170 C, Ashok Nagar, Ranchi. The following members were present:

1. Sh. S.B.S Chauhan - Member
2. Er. S.K. Singh - Member
3. Dr. R.P. Singh Sangu - Member
4. Prof. (Dr.) M.C. Mahata - Member
5. Prof (Dr) Shatrunjay Kumar Singh - Member
6. Dr. Mahendra Mahto - Secretary

Various projects which were received by SEIAA after the previous SEAC meeting held from 07th to 08th June 2014 and forwarded to SEAC for their technical appraisal came up for discussions. Also those Projects which were appraised in SEAC's earlier meetings in which PP's were asked to provide additional informations / clarifications were also considered for examination / scrutiny where the Project proponents had submitted replies. Accordingly, the Project proponents were asked to make technical presentation for the appraisal of their project before the committee.

The following salient observations made during the Presentation (Project Wise) in brief deserve serious consideration.

A. Discussion on points mentioned in minutes of SEIAA meeting held on 5/7/14 and Other Points

1. Representation of Jharkhand State Stone Industry Association, Jharkhand to the Chief Minister, Jharkhand, dated 21/09/2013. (Item No.- F-3)

Ref :- Letter No.- 3/पर्या० प्रदू०(वि०)-01/2012(खण्ड)2961, दिनांक - 27/6/2014 address to the Member Secretary, SEIAA, Jharkhand from Deputy Secretary, Deptt. of Forests & Environment, Govt. of Jharkhand.

The above representation, prima facie, deals with the following issues :-

1. Exemption from Environment Clearance for the stone mines of less than 5 ha area or constitution of district level committee to grant EC for less than 5 ha area.

The EC in such cases, is presently governed by MoEF Rules and Supreme Court Judgements.

2. Relaxation for 50 m distance from Forest to be applicable in all cases.

SEIAA may look in to the matter for the existing and new projects.

3. Categorization of Minor Minerals in B1 & B2 category.

The categorization of Minor Mineral under B1 & B2 category is governed by the notification issued by MoEF, Govt. of India from time to time.

4. Relaxation in the distance from inter state boundary.

SEIAA may look in to the matter.

5. Issue of mining permits & deemed extension of renewal of Mining Leases of Minor Mineral.

This matter pertains to Deptt. of Mines, Govt. of Jharkhand.

6. Close interaction between the Deptt. of Mines, SEIAA, SPCB, Forest & Labour Departments.

We are in full agreement for the need of close interaction with the various departments.

7. Fee structure of SEIAA for the purpose of EC.

The fee structure may be looked in to by the Deptt. of Forest & Environment, Govt. of Jharkhand.

2. Hazardous Waste Management Facility of M/s Adityapur Auto Cluster. (Item No.-D-2)

It may please be noted that the site inspection report was forwarded to SEIAA along with the minutes of the 14th meeting (Part 1) of SEAC held on 18, 20 to 22 February 2014. The same are available with SEIAA and may kindly be perused (**Copy attached as Annexure I**).

PP was asked to submit a letter from Airport Authority

3. Expansion of existing Sponge Iron Plant to Sponge Iron based integrated Steel Plant of M/s Sundaram Steel Pvt Ltd., Vill- Balidih, Dist.- Bokaro, Jharkhand. (Item No.-B-5)

SEIAA has asked SEAC to review and re-examine the request made by M/s Sundaram Steel Pvt Ltd submitted vide their letter dated 27/06/2014. The request was examined and SEAC agreed to exclude 8 MW Power Plant from the list of proposed unit as mentioned in TOR.

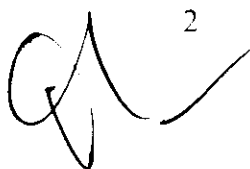
4. EC & TOR of Sand Mining (Balughat) and Stone Quarry. (D-1)

The matter was deliberated with regard to issue of Environmental Clearance in respect of Sand mining project. In this regard office Memorandum No.- L-11011/47/2011-IA.II(M), dated- 18th May 2012 may be referred. In this OM point no 4 clearly states that " All the same liberty is granted to the applicants before us to approach the Ministry of Environment and Forests for permission to carry on mining below five hectares and in the event of which Ministry will dispose of all the applications within ten days from the date of receipt of the applications in accordance with law." On 24th December MoEF issued an Office Memorandum No.- J-13012/12/2013-IA.II(I) where by it categorised lease area falling between 5 Ha and 25 Ha as B2 and lease area more than 25 Ha as B1. Regarding lease area less than 5 Ha no river sand mining project, may be considered for granting EC.

This office Memorandum has been stayed by NGT (**Annexure III**).

It was decided that in view of ruling of National Green Tribunal the matter may be kept in abeyance for the present. SEIAA is requested to take appropriate decision in respect of sand / balughat projects.

Regarding issue of TOR- It was felt that since approved mine plans will form a part of EIA report, SEIAA may consider issue of TORs .SEIAA may review the matter.

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5. Letter no. BR-01/14, Dated- 17/07/14 Jharkhand Pradesh Brick Manufacturers Association. (Item No.-E-2)

While requesting for Environmental Clearance several information are to be collected by Project Proponent from DFO, Jharkhand Bricks Manufactures Association, Namkum, Ranchi vide their Letter no. BR-01/14, Dated- 17/07/14. (Copy attached as Annexure IV) have expressed the difficulties being faced by Proponents. In this regard we have received several complaints both verbally and in writing. Those received last month were enclosed alongwith SEAC's 18th meeting held in June 2014.

SEAC deliberated as the issue and it was agreed that the request merits consideration and self certificate may be accepted. In case the same is found to be incorrect EC may be cancelled. It is requested that SEIAA may agree in view of the difficulties faced by Project Proponent. Alternatively DFO's could be given 15 days time to provide the desired information from the date of submission of request failing which self declaration in form of affidavit duly signed by Proponent and Consultant may be accepted.

6. Integrated Municipal Solid Waste Management Project of Jamshedpur Notified Area Committee at Mouja Khairbani, Jamshedpur, District- East Singhbhum, Jharkhand.

Vide 16th meeting of State Level Expert Appraisal Committee (SEAC), dated- 14 to 16 April 2014, a request was made to SEIAA to write to DC, East Singhbhum regarding guidelines of 500 m radius Buffer Zone (Copy of Minutes of Meeting attached Annexure II). SEIAA is once again requested to write to DC, East Singhbhum.

7. Integrated Municipal Solid Waste Management Facility of M/s Tata Steel Limited, Vill-Barasai alias Rangamatiya, Tehsil- Potaka, Dist.-Singhbhum East, Jharkhand.

Site inspection report is enclosed. In view of the same TOR may be issued after receipt of documents mentioned there in.

8. The 4th Joint meeting held on 7th June 2014.


As per request made by Member Secretary, SEIAA draft of the minutes was forwarded to Member Secretary, SEIAA but the minutes remain yet to be finalized and issued, as on date.

9. Points for consideration of SEIAA

1. EC signed by Member Secretary, SEIAA should be entered on the web-side of SEIAA and hard copy of EC should be dispatched to Proponent through speed post within 3 days from the date issue of EC.

This approach will facilitate the Proponent. Hand delivery to Proponent should be minimized as far as possible.

2. It is also observed that at present appraisal of projects in certain cases, for EC is going on in two stages i.e one at SEAC Level and other at SEIAA Level. It is suggested that the EC process should be based on EIA Notification, 2006.
3. There should be work distribution among the staff of SEIAA. This will facilitate SEAC to take assistance from staff appointed by SEIAA. During examination of project by SEIAA staff the short comings in application should be signed by officials present in SEIAA office and the same should be handed over to proponent on the same day.



B. Projects recommended to SEIAA for consideration of grant of EC.

1. Brick Clay Mining of M/s Puja Bricks, Vill-Torankail, Tehsil-Khunti, Dist.- Khunti, Jharkhand (0.93 Ha).

This is a Brick Clay Mining Project for having an area of 0.93 Ha [Plot No-391 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme. Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.55 Lakhs and a provision of Rs 1.40 Lakhs will be kept for Environment management.

PP has submitted certificates information as required under SEIAA guidelines. PP was asked to submit additional information which he has submitted. The informations were examined and found to be satisfactory.

The proposed annual production capacity as per Form I has been indicated as 1500 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Puja Bricks, Vill-Torankail, Tehsil-Khunti, Dist.- Khunti, Jharkhand (0.93 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure V.

2. Brick Clay Mining of M/s Harsh Bricks, Vill- Belahathi, Tehsil - Khunti, Dist.- Khunti, Jharkhand (0.98 Ha).

This is a Brick Clay Mining Project for having an area of 0.98 Ha [Plot No-249 (P) & 250]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme. Environmental protection measures proposed to be adopted, proposal for carrying out

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CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.78 Lakhs and a provision of Rs 0.80 Lakhs will be kept for Environment management.

PP has submitted certificates information as required under SEIAA guidelines. PP was asked to submit additional information which he has submitted. The informations were examined and found to be satisfactory.

The proposed annual production capacity as per Form I has been indicated as 2250 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Harsh Bricks, Vill- Belahathi, Tehsil - Khunti, Dist.- Khunti, Jharkhand (0.98 Ha) be recommended for consideration of SEIAA for grant of EC.. The various conditions for grant of EC are given Annexure V.

3. Brick Clay Mining of M/s Puja Bricks, Vill- Begunadih, P.O -Kowali, Dist.- East Singhbhum, Jharkhand (1.004 Ha).

This is a Brick Clay Mining Project for having an area of 1.004 Ha [Plot No-80 & 103]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme. Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40 Lakhs and a provision of Rs 2.00 Lakhs will be kept for Environment management.

PP has submitted certificates information as required under SEIAA guidelines. PP was asked to submit additional information which he has submitted. The informations were examined and found to be satisfactory.

The proposed annual production capacity as per Form I has been indicated as 3182 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Puja Bricks, Vill- Begunadih, P.O -Kowali,



Dist.- East Singhbhum, Jharkhand (1.004 Ha).be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure V.

4. Brick Clay Mining of M/s Ritu Aman Bricks, Vill- Chandra Rekha, P.O – Mahulia, P.S- Ghatshila, Dist.-East Singhbhum, Jharkhand (1.0121 Ha).

This is a Brick Clay Mining Project for having an area of 1.0121 Ha [Plot No-218]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 38.50 Lakhs and a provision of Rs 2.42 Lakhs will be kept for Environment management.

PP has submitted certificates information as required under SEIAA guidelines. PP was asked to submit additional information which he has submitted. The informations were examined and found to be satisfactory.

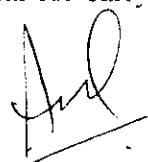
The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Ritu Aman Bricks, Vill- Chandra Rekha, P.O – Mahulia, P.S- Ghatsila, Dist.-East Singhbhum, Jharkhand (1.0121 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure V.

5. Brick Clay Mining of M/s Maa Rankini Bricks, Vill- Murakati, Taluka- Ghatshila, Dist.-East Singhbhum, Jharkhand (0.720 Ha).

This is a Brick Clay Mining Project for having an area of 0.720 Ha [Plot No-849]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out



CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 34 Lakhs and a provision of Rs 1.68 Lakhs will be kept for Environment management.

PP has submitted certificates information as required under SEIAA guidelines. PP was asked to submit additional information which he has submitted. The informations were examined and found to be satisfactory.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Maa Rankini Bricks, Vill- Murakati, Taluka- Ghatsila, Dist.-East Singhbhum, Jharkhand (0.720 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure V .


6. Brick Clay Mining of M/s Krishna Bricks Product, Vill- Barajuri, Taluka- Ghatshila, Dist.-East Singhbhum, Jharkhand (0.91 Ha).

This is a Brick Clay Mining Project for having an area of 0.91 Ha [Plot No-1100, 1101, 1103, 1122 & 1627]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 38.50 Lakhs and a provision of Rs 2.50 Lakhs will be kept for Environment management.

PP has submitted certificates information as required under SEIAA guidelines. PP was asked to submit additional information which he has submitted. The informations were examined and found to be satisfactory.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.



Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Krishna Bricks Product, Vill- Barajuri, Taluka- Ghatsila, Dist.-East Singhbhum, Jharkhand (0.91 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure V .

7. Brick Clay Mining of M/s Roy Bricks, Vill- Amainagar, Taluka- Ghatshila, Dist.-East Singhbhum, Jharkhand (0.96 Ha).

This is a Brick Clay Mining Project for having an area of 0.96 Ha [Plot No-899, 928, 898 & 838]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme. Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 38.60 Lakhs and a provision of Rs 2.05 Lakhs will be kept for Environment management.

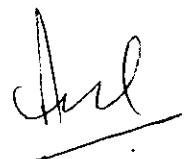
PP has submitted certificates information as required under SEIAA guidelines. PP was asked to submit additional information which he has submitted. The informations were examined and found to be satisfactory.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Roy Bricks, Vill- Amainagar, Taluka- Ghatsila, Dist.-East Singhbhum, Jharkhand (0.96 Ha).be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure V .

8. Brick Clay Mining of M/s Krishna Bricks, Vill- Soradobar, Taluka- Ghatshila, Dist.-East Singhbhum, Jharkhand (1.84 Ha).

This is a Brick Clay Mining Project for having an area of 1.84 Ha [Plot No-511, 517, 518 (P), 515, 516 & 514]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA



guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 41 Lakhs and a provision of Rs 2.54 Lakhs will be kept for Environment management.

PP has submitted certificates information as required under SEIAA guidelines. PP was asked to submit additional information which he has submitted. The informations were examined and found to be satisfactory.


The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Krishna Bricks, Vill- Soradobar, Taluka- Ghatshila, Dist.-East Singhbhum, Jharkhand (1.84 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure V .

ANNEXURE-V

A. Specific Conditions

1. The environmental clearance is subject to grant of mining permit by the Department of Mines, Government of Jharkhand to PP Latest Minor Mineral Concession Rules of Govt. of Jharkhand and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals / Brick Earth Mining.
4. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area).
5. The activity associated with borrowing / excavation of 'brick earth' and 'ordinary earth' for purpose of brick manufacturing, construction of roads, embankments etc. shall not involve blasting.
6. The borrowing / excavation activity shall be restricted to a maximum depth of 2 m below general ground level at the site. However – excavation shall not intercept with ground water level at site.
7. The borrowing / excavation activity shall not alter the natural drainage pattern of the area.
8. The borrowing / excavated pit shall be restored by the project proponent for useful purpose (s).



9. Appropriate fencing all around the borrowed / excavated pit shall be made to prevent any mishap.
10. Measures shall be taken to prevent dust emission by covering of borrowed / excavated earth during transportation.
11. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing / excavation of earth.
12. Workers / labours shall be provided with facilities for drinking water and sanitation.
13. A considerable space from mine pit shall be left from the boundary of adjoining field, having, minimum width of 5M.
14. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.
15. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
16. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
17. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
18. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
19. The project proponent should implement suitable conservation measures to augment ground water resources in the area as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
20. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
21. Suitable rainwater harvesting scheme shall be planned and implemented as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
22. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
23. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
24. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
25. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.



26. Provision shall be made for the housing of labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
27. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
28. A final mine closure scheme plan of mine pit shall be submitted to concerned DMO in advance of final mine closure for approval.
29. The excavated earth – by such Brick mining pit owner – shall be supplied only to owners of manufacturing of bricks –having “Consent to Operate” under the provision of section 25 and 26 of The water (prevention and control of pollution) Act, 1974 and under section 21 of The Air (prevention and control of pollution) Act, 1981.
30. All haul roads connection to mining pit head to concerned Brick kilns – shall have muram / Brick paved road to avoid fugitive emission during transportation activities. In addition to this there shall be tree plantation in both side along the haul road.
31. Prime agricultural land shall not be used for earth mining – until and unless – permission of conversion of land has been obtained by component authority.

B. General conditions

1. No change in mining methodology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
8. Dispensary facilities for First Aid shall be provided at site.
9. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (% of Profit / turnover).
10. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.



11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi its concerned Regional Office and to SEIAA.
12. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
13. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
14. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently .shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
15. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance will be valid till the period of land lease and subject to renewal of mining permit which are generally granted for period of 6 month at one time. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986. Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

9. Iron Ore Washing Wet Screening Unit of M/s Anindita Steels Limited village Senegarha, P.O – Rabodh, P.S Gidi, District – Hazaribagh, Jharkhand.

The proposal relates to washing of raw iron ore received from different sources during the monsoon season. During monsoon season iron ore is mixed with mud and soil. This ore cannot be fed into kiln of sponge iron plant which is operational since 2008. Removal of mud and soil by washing with water together with sizing of ore is proposed. The proposed Iron Ore



Washing/Wet Screening Unit having a planned capacity of 70 TPH (about 700 Ton per day) shall be operated during monsoon to clean the ore from wet soil contamination. The sized and washed iron ore will be supplied to Sponge Iron Plant located in the same premises. The project site is located in village Senegarha, P.O – Rabodh, P.S Gidi, Dist – Hazaribagh in the state of Jharkhand. The project site is connected to NH-33 by a black topped road. NH-33 is approximately 8 km away from project site.

M/s Anindita Steels Limited (Formerly known as Anindita Trades & Investments Ltd) having its registered office at 603, Panchwati Tower, Harmu Road, Ranchi 834 001 Jharkhand, is a private limited company registered under Companies Act 1956.

Proposed facility including units for crushing, screening, washing & recovering of water will be housed in an industrial shed. In addition to these units, raw ore storage area, washed product storage area & sludge storage area has been provided. The facilities are to be set up within the existing premises and no additional land is required.

Total water demand for the facility has been assessed as 152 KLD. Including 150 KLD for washing and 2 KLD for potable purpose. Proponent has developed a pond in the premises of Sponge Iron Plant. Industrial water demand will be met from this pond. For meeting potable water demand, a 150 mm ϕ deep tube well will be installed. In case pond water is not sufficient to meet industrial water demand, tube well will supplement industrial water demand. The facility has been planned & designed on Zero – discharge principle. It is proposed to treat the waste water generated on account of ore washing and recycle it for reuse.

Power requirement for the facility has been assessed as 180 KWH. Power will be supplied to the facility by a sub-station of JSEB, located close to the plant site.

The facilities generate dense sludge of approximately 600 g/lit. This sludge will be stored in settling area. Solid wastes are Marketed ideally suitable for brick and roof tile making. As such they will be marketed.

Estimated Project Cost is Rs. 260 lakhs. The daily production as per Form 1 is 70 TPH.

PP made presentation against various points mentioned in TOR. The committee was satisfied with the answer. The committee desired certain additional information which PP has submitted.

Based on the presentation made and information provided the Committee recommends that the proposal for Iron Ore Washing Wet Screening Unit of M/s Anindita Steels Limited village Senegarha, P.O – Rabodh, P.S Gidi, District – Hazaribagh, Jharkhand be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given below.

A. Special Conditions

1. Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided.
2. Stack monitoring facilities for all the major stacks and adequate air pollution control systems viz. dust catchers or cyclones. Multi stage scrubber, bag filters etc. to control particulate emissions to within the prescribed limits from coke oven shall be provided. Carbon mono-oxide (CO) shall also be monitored alongwith other parameters and standards notified under E (P) Act shall be followed. The reports shall be submitted to the Ministry's Regional Office at the Bhubaneswar, CPCB and SPCB.



3. Multi stage scrubber shall be installed to control gaseous and dust emission from the coke oven stack. Measures shall be taken to prevent leakages from the coke oven plant.
4. The prescribed emission standards for coke oven plants, as notified vide notification no. GSR 46 (E) dated 3rd February, 2006 and subsequently amended shall be complied with.
5. In-plant control measures like bag filters, de-dusting and dust suppression system shall be provided to control fugitive emissions from all the vulnerable sources. Dust extraction and suppression system shall be provided at all the transfer points, coal handling plant and coke sorting plant of coke oven plant. Bag filters shall be provided to hoods and dust collectors to coal and coke handling to control dust emissions. Water sprinkling system shall be provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials etc.
6. Secondary fugitive emissions shall be controlled within the prescribed limits, regularly monitored and records maintained. Guidelines / Code of Practice issued by the CPCB in this regard shall be followed.
7. Total requirement of the water shall not exceed 30 m³ /day. All the treated wastewater shall be recycled for dust suppression and green belt development. Domestic wastewater shall be treated in septic tank followed by soak pit. Zero effluent discharge shall be strictly followed and no wastewater shall be discharged outside the premises.
8. Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Rain water harvesting as proposed in the Report will be implanted in two nearby villages. The scheme has to be got approved from Ground Water Directorate, Government of Jharkhand / Central Ground Water Authority / Board.
9. Asphaltting/concreting of roads and water spray all around the stockyard and loading / unloading areas in the cement plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul road, loading and unloading points, transfer points and other vulnerable areas. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
10. Vehicular pollution due to transportation of raw material and finished product shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product. Efforts shall also be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash and washery rejects shall be transported in the closed containers only and shall not be overloaded. Vehicular emissions shall be regularly monitored and records kept.
11. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials should be transported in the covered vehicles only and vehicles should not be overloaded. Vehicular emissions should be regularly monitored.



12. As proposed, green belt shall be developed in 33% of plant area within and around the project site to mitigate the impact of fugitive emissions as per the CPCB guidelines in consultation with local DFO.
13. The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the various Plants Units shall be implemented.
14. Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the JSPCB within 3 months of issue of environment clearance letter.
15. At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be prepared and submitted to the JSPCB. Implementation of such program should be ensured accordingly in a time bound manner.
17. The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

B. General conditions

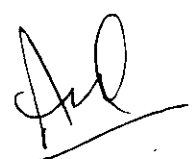
1. No change in process technology should be made without prior approval of the Statutory authorities , Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
3. The Project proponent shall maintain register for production and dispatch and submit return to Jharkhand State Pollution Control Board, Ranchi.
4. The Project proponent shall not cut trees / carry out tree felling in plant area without the permission of competent authority.
5. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
6. Industrial waste water should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
7. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
8. Dispensary facilities for First Aid shall be provided at site.
9. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.



10. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi .
11. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
12. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
13. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
14. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
15. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
16. All statutory clearances shall be obtained before start of plant operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for a period of five (5) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.



5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

10. Common Effluent Treatment Plant (CETP) with Mega Food Park Central Processing Centre (CPC) of M/s Jharkhand Mega Food Park Pvt Ltd. at Getalsud Industrial Area, Ranchi, Jharkhand.

The proposed Jharkhand Mega Food Park is to be located at Getalsud Industrial area near the Getalsud Dam. The Project has been envisaged to help in creation of enabling infrastructure for food processing and a comprehensive 'farm-to-plate' supply chain system. The project would provide state of the art infrastructure for food processing in the State on a pre identified cluster basis. This is aimed at reducing wastages and ensuring value addition, especially in perishables like fruits-vegetables and help creating large employment opportunities in the area. Additionally the scheme is expected to help the efforts of the Government of India to promote Secondary Agriculture in the country.

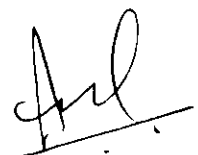
The comprehensive project envisages collection of raw materials through Collection Centers (CC), Primary Processing in PPC and main activity at Central Processing Centre (CPC) with common facilities such as CETP etc. Proposed CPC with the CETP facility will be located in the Getalsud Industrial Area, Ranchi, Jharkhand. The CPC at Ranchi is proposed to be implemented in two phases, Phase – I: Dry process infrastructure & Phase – II: All remaining processing infrastructure and CETP etc.

The land located at Getalsud near the Getalsud Dam was initially owned by the Irrigation Department of Jharkhand, Ranchi. The land was allocated for the construction of the dam. It was in 1972 that the land was transferred from the Irrigation Department to Ranchi Industrial Area Development Authority (RIADA). The total land area that was transferred was 100.60 acres. This was transferred under letter number 348 dated February 5th, 1972. It is from this land that RIADA has given 56 acres land to Jharkhand Mega Food Park Private Ltd (JMFPPL) on long term lease basis for 30 years. The land has also being taken into possession by the SPV JMFPPL.

The land is bounded by the Getalsud dam on one side, and the Subarnarekha River on the northern head. It has a continuous gradient towards the river and is undulated which requires leveling to develop this into an industrial Park. The CPC land at Getalsud is connected through metal road from the NH and the road is in use by sundry visitors to the Getalsud dam. The site is also connected through power line from state electricity board, which was earlier used by Nalanda Ceramics established over there, now closed. Land adjoining to the site is agricultural land and some land adjacent to the river is owned by the Dept of Irrigation. There are no green trees on the site.

32 Nos of Food Processing Units will be established in the Food park. These will include Fruit Processing 4; Vegetable Processing 6; Oilseed 1; Medicinal, Essential oils and Aromatic Plants Processing 2; Cereal Processing 3; Milk and Dairy Products 1; Processed Food Packaging Industry 3; Micro and Small Industries 10; Others Support Industry 2

Estimation of Water Demand at CPC has been taken as 1000 m³/day. The electrical load demand for entire food park is estimated at 6 MW. Two 1010 KVA & one 50 KVA generator has been planned for the CPC operation to deal any eventuality in case of power cuts.



For collection of sewerage and effluent from individual plots to sewerage and Common Effluent Treatment Plant, HDPE pipes shall be used. The effluent conveyance lines have been planned near to the property line minimizing the cutting for connection to plot owners. On all the roads, effluent conveyance lines have been planned on both sides of the road so as to connect to plot owners without cutting the main carriageway.

A sewage and effluent treatment plant (Industrial ETP for 0.624 MLD and Common STP for 0.3 MLD) has been planned based on the water requirement and outflow of solid as well as the effluents. Bleaching powder doses will be used for chlorination before disposal of the treated sewage. It is provided that treated sewage will be used to the extent possible for landscaping uses within the Park.

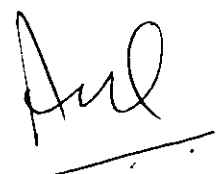
The Total Project cost of JMFPPL including land is revised at 114.73 Crores from Rs. 113.95crores.

PP made presentation against various points mentioned in TOR. The committee was satisfied with the answer. The committee desired certain additional information which PP has submitted.

Based on the presentation made and information provided the Committee recommends that the proposal for Common Effluent Treatment Plant (CETP) with Mega Food Park Central Processing Centre (CPC) of M/s Jharkhand Mega Food Park Pvt Ltd. at Getalsud Industrial Area, Ranchi, Jharkhand be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given below.

Specific Conditions:

1. The "Consent to Establish" shall be obtained from Jharkhand State Pollution Control Board (JSPCB) under Air and Water Act before start of construction work at the site and all the conditions of the same should be complied. PP shall also obtain consent to operate in due course from JSPCB prior to start of operation of CETP.
2. All units to be set up in the CPC should comply with the conditions of Environment Clearance and responsibility of same will lie with the Jharkhand Mega Food Park Private Limited (PP).
3. The Member industries with in CPC should provide Pre-treatment facility to ensure discharge from individual industry meeting the norms of inlet effluent standard to CETP.
4. Flow meters should be installed at discharge line of equalization tank and on final disposal line of Treated Effluent Disposal Sump.
5. Daily monitoring should be done for influent and the discharge of the CETP for pH, Colour, COD, BOD, SS, TDS, Oil & Grease, etc. and accordingly – efficiency evaluation of common effluent treatment plant shall be carried out at 3 months interval
6. Treated water in excess to the recycle/reuse system in the CPC should be supplied to nearest agriculture fields of village for the irrigation purpose, as part of CSR.
7. Stringent control should be maintained and in no case waste water should be discharged in the river or water body. CETP shall work on Zero discharge concept.
8. Odour control aspects should adopt during the designing and operation of the CETP.



9. Sludge generated from the CETP should be used as manure for gardening / horticulture / agriculture within in site or nearby agriculture fields. Record of the sludge disposal should be maintained.
10. All bio-degradable solid waste should be collected properly and composted. It should be used/distributed as manure under CSR activity.
11. PP should form a centralized environmental monitoring cell to deal with the environmental issues and for ensuring compliance with the EC conditions
12. PP should have a system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large.
13. All necessary statutory clearances/ permissions required should be obtained before operation of CETP eg. Consent to Establish & Consent to Operate under The Water (Prevention and Control of Pollution) Act, 1974 and The Air (Prevention and Control of Pollution) Act 1981, Consent under The Hazardous Wastes (Management, Handling & Trans boundary Movement) Rules, 2008, Permission under The Factories Act (As amended till 2001) etc.
14. PP should provide Rainwater harvesting provisions in the project and such scheme must be approved by Ground Water Directorate /Central Ground Water Board.
15. PP should provide the infrastructure facilities & common amenities to workers, all members and participants of the Food Park members.
16. PP should examine the health status through Pre-placement & periodical health status / medical examination of all the workers.
17. PP should make arrangement of periodic health check-ups for early detection and control of communicable diseases due to project.
18. PP should provide preventive measures for potential fire hazards with requisite fire detection, fire-fighting facilities and adequate water storage.
19. PP should contribute in overall socio economic development of the area.
20. PP should make Built - in flexibility provisions to deal with quantitative and qualitative fluctuations.
21. PP should undertake JSPCB / NABL/ MoEF Recognized agency for regular third party monitoring and reporting.
22. PP shall submit a scheme for the protection of River Subarnarekha water pollution and Pollution of Getalsud Dam reservoir from discharge of CETP effluent or any industrial effluent discharge in worst situation.
23. A dyke of sustainable height shall be provided along the bank of River Subarnarekha and Getalsud reservoir.



Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for a period of five (5) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

11. Common User POL Terminal of IOT Infrastructure & Energy Services Ltd at Village Haludpukur, Tehsil Ghatsila Circle-Potka, District East Singhbhum, Jharkhand.

M/s IOT Infrastructure & Energy Services Ltd. have proposed for setting up of POL Terminal at Village Haludpukur, Tehsil Ghatsila Circle-Potka, District East Singhbhum, Jharkhand. HPCL and BPCL have 2 oil petroleum oil storage depots in congested areas of city of Tatanagar. There is no space in these depots for expansion of facilities. In view of the constraints and on safety consideration, IOT has been entrusted by BPCL & HPCL to develop a common user POL terminal at Haludpukur. Total land requirement is 37 acres. No sensitive area like national park/wildlife sanctuary is located within 15 Km from the project site. POL terminal will be engaged primarily in receipt, storage and filling of tank trucks of HPCL and BPCL for distribution of essential petroleum products in the region. Following will be storage capacities :

Sl.No.	Product	Quantity
1.	Motor Spirit	5830 Kl
2.	High Speed Diesel	12650 Kl
3.	Superior Kerosene (SKO)	2770 Kl
4.	Ethanol	400 Kl

5.	Total	21650 KI
6.	Total thruput	4,22,592 KIpa.

As per EIA Notification 2006, this type of projects require prior environmental clearance from MOEF, Govt. of India. For this purpose the project proponent submitted Form-I with pre-project feasibility report to MOEF for determination of Terms of Reference for environmental study. The project was examined by the Reconstituted EAC for Industry in its 3rd meeting held on 3rd – 5th December 2012 MOEF issued TOR vide it's letter No F.No. – J 11011 / 190 / 2012-IA-II (I) dt 20.02.2013 which included conduct of Public Hearing.

Subsequently the file was forwarded to Secretary, Department of Forest and Environment, Government of Jharkhand by MOEF vide it's letter No F.No. -- J 11011 / 190 / 2012-IA-II (I) dt 21.06.2013 for consideration by SEIAA / SEAC Jharkhand

The proposal came up for deliberation in SEAC's meeting wherein the EIA Report was presented. The Committee asked M/s Development Consultants, Pvt Ltd, Kolkata about the status of their accreditation with NABET/QCI. M/s Development Consultants, Pvt Ltd, Kolkata confirmed the same (Sl. No. 33).

EIA/ EMP has been prepared in compliance to TOR except for public consultation/ public hearing. The Report was presented by M/s Development Consultants, Pvt Ltd, Kolkata. PP requested / appealed for waiver of for public consultation/ public hearing. They cited a number of examples where public consultation/ public hearing has been exempted for similar projects. The committee did not agree as total land has not been acquired and the condition has been given by MOEF while issuing TOR.. PP was asked to approach JSPCB and get the Public hearing conducted and then come for presentation.

The water requirement for the project is 18 m³/ day for which they have applied to Central Ground Water Board for obtaining permission. PP was advised to explore the possibility of obtaining water from Garra Nallah which flows in close proximity. The power requirement has been indicated as 540 kVA. PP has to confirm its availability from JSEB. PP has to submit an undertaking that it will follow R & R policy of Government of Jharkhand.

PP made presentation against various points mentioned in TOR and also issues raised in Public Hearing. The committee was satisfied with the answer. The committee desired certain additional information which PP has submitted. It may be noted that the analysis w.r.t. soil was carried out by Industry Institute Partnership Cell, Jadavpur University, Kolkata.

During presentation PP informed that the revised water requirement is 9 m³/ day. Further it was informed that they will this water through bore well. PP confirmed that they will follow all provision of R & R Policy laid down by Govt. of Jharkhand.

Based on the presentation made and information provided the Committee recommends that the proposal for Common User POL Terminal of IOT Infrastructure & Energy Services Ltd at Village Haludpukar, Tehsil Ghatsila Circle-Potka, District East

