

MINUTES OF THE 56TH MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD ON 17TH and 18TH MAY, 2018

The 56th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held on 17th and 18th May, 2018 under the Chairmanship of Sh. K.P. Bhawsinka in the Conference Room at SEAC, Ranchi.

1. Sri K.P. Bhawsinka - Chairman
2. Dr. B.K. Tewary - Member
3. Dr. R.N. Singh - Member
4. Sri Y.K. Singh - Member
5. Dr. V.P. Sinha - Member
6. Dr. R.V. Singh - Member
7. Sri U.P. Singh - Member
8. Sri Om Prakash, - Member Secretary

Sri M S Bhagwat & Sri S.P. Shriwatava, Member, SEAC could not attend the meeting due to personal reason.

Various projects which were received by SEIAA after the previous SEAC meeting on 23rd, 24th and 25th April, 2018 and forwarded to SEAC for their technical appraisal came up for discussions. Besides, those Projects which were appraised in SEAC's earlier meetings, in which PP's were asked to provide additional information / 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 / recommendation were made during the Presentation (Project - wise), as under:-

A. Discussion on matter related to :

1. SEIAA letter no. 76, dated 10.04.18 regarding amendment of approved checklist.

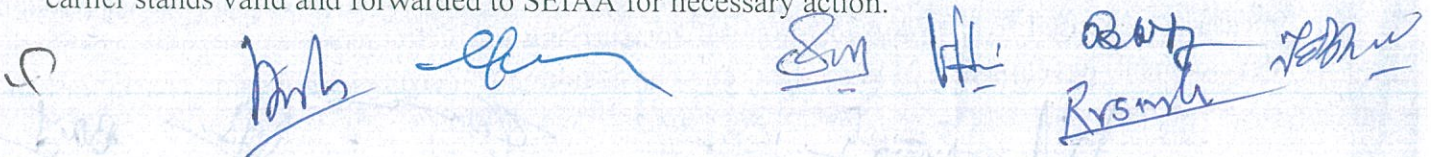
Checklist of different sectors available respective domain of MoEF & CC, which the committee follows regularly. Earlier new sectors as referred by SEIAA has been complied needs to be part of the checklist.

2. Site Visit to Tiruldih Balughat, Saraikela Kharsawan.

The site visit was conducted by 02 SEAC members and report was submitted. The report along with compliance report in the form of modified area & map is yet to be received from district administration to SEAC members. As such, this case was deferred for next meeting.

B. Matter referred by SEIAA

DSR has been submitted for some districts and accordingly the proposals were taken up for discussion. The Proponents & Consultants for these project proposals explained in detail the status of their project proposal in the DSR. The project proposals have been made as per the prospecting area and Geological formation of the district is as per DSR. The project proposals as recommended earlier stands valid and forwarded to SEIAA for necessary action.



1. **Stone Mines & Crusher of M/s Shri Vinayak Construction at Village- Rewaratu, Satbarwa, Palamu (9.50 Ha).**

This is a Stone Mining Project for having an area of 9.50 Ha [Khata No.- 72, Plot No.- 1217 (P)]. The committee noted that as per Form I it is a proposal for new lease for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per MoEF& CC Notification dated 15.01.2016.

The project was reviewed with respect to proposed Mining Plan, 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 mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads 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 indicated project cost is Rs 4.90 Crore and a provision of Rs 16.08 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	75,88,125t
Mineable Probable Reserve	:	4,80,937t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	7,35,000 t
2 nd Year	:	7,35,000 t
3 rd Year	:	7,35,000 t
4 th Year	:	7,35,000 t
5 th Year	:	7,35,000 t

The daily production as per Form I is 2450 tonnes.

DFO, Medininagar vide letter no. 2575, dated 21.07.16 certified that project site is not within notified forest beyond 255 m from notified forest and beyond 10 km limit of P.As. CO, Satbarwa vide letter no. 135, dated 12.05.16 certified that class of land is not "Jangal Jhari".

Based on the presentation made and information provided the Committee decided that the proposal for **Stone Mines & Crusher of M/s Shri Vinayak Construction at Village- Rewaratu, Satbarwa, Palamu (9.50 Ha).** be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC and applicable CAG condition is enclosed as **Annexure - I.**

2. **Lakrahi Stone Deposit of M/s Maa Chedi Stone at Village Lakrahi Tehsil Naudiha Bazar (Chhattarpur) Dist.- Palamu, (10.93 Ha).**

This is a Stone Mining Project for having an area of 10.93 Ha [Khata No. 31, Plot No. – 214 (P) & 215 (P)]. The committee noted that as per Form I it is a proposal for new lease for which PP is seeking EC. It is B2 Category of Project - as per MoEF& CC Notification dated 15.01.2016.

The project was reviewed with respect to proposed Mining Plan, 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

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the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads 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 indicated project cost is Rs67.04Lakh and a provision of Rs 17.44 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 12,26,476t

Mineable Probable Reserve : 14,40,068t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1st Year : 2,66,654 t

2nd Year : 2,66,654 t

3rd Year : 2,66,654 t

4th Year : 2,66,654 t

5th Year : 2,66,654 t

The daily production as per Form I is 889 tonnes.

DFO, Medininagar vide letter no. 4693, dated 28.11.16 certified that project site is not within notified forest beyond 500 m from notified forest and beyond 10 km limit of P.As. CO, Naudiha vide letter no. 41, dated 22.08.17 certified that class of land is not "Jangal Jhari".

Based on the presentation made and information provided the Committee decided that the proposal for **Lakrahi Stone Deposit of M/s Maa Chedi Stone at Village Lakrahi Tehsil Naudiha Bazar (Chhattarpur) Dist.- Palamu, (10.93 Ha)** be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC and applicable CAG condition is enclosed as **Annexure - I**.

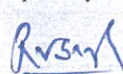
C. Projects for which SEAC has sought clarifications from PP.

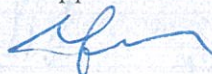
1. **Asehar Stone Deposit of M/s Reyaz Ahmad Khan at Village –Asehar, Panki Palamu, (5.848 Ha).**

This is a Stone Mining Project having an area of 5.848 Ha [Khata No.-117, Plot No.- 2159]. The committee noted that as per Form I it is a proposal for existing mine, for which PP is seeking EC. The lease was valid w.e.f. 02.02.2016 for a period of 10 years. It is B2 Category of Project - as per MoEF& CC Notification dated 15.01.2016.

The project was reviewed with respect to proposed Mining Plan, 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 mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads 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 indicated project cost is Rs 74.00 Lakh and a provision of Rs 4.82 Lakhs will be kept for Environment management.

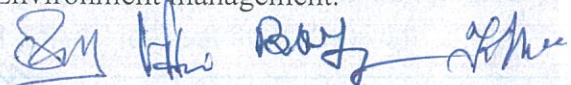
The details of mine capacity as per Approved Mining Plan are





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Mineable Proved Reserve : 27,86,459 t

Mineable Probable Reserve : 14,500 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	2,80,639 t
2 nd Year	:	2,80,027 t
3 rd Year	:	2,80,123 t
4 th Year	:	2,80,497 t
5 th Year	:	2,80,273 t

The daily production as per Form-I is 935 tonnes.

PP has submitted certificates from DMO (Memo No.-468, Dated- 28.04.17), DFO (Letter no. 686, dated – 20.03.2014, Letter No.- 3752, Dated- 22.07.17) and CO (Letter no. 833, Dated- 24.11.17).

DFO, Medininagar vide letter no. 4693, dated 28.11.16 certified that project site is not within notified forest its beyond 02 km from notified forest and beyond 10 km limit of P.As. The CO, Panki vide letter no. 833, dated 24.11.17 has not mentioned / certified the plot no. of the project site.

PP was asked to submit proper CO certificate regarding class of land (whether recorded as Jangal Jhari or not).

Once the PP provides the information, SEAC will examine the case.

2. **Proposed Capacity increase of the existing Cement Grinding / Blending unit from 2.1 MTPA to 3.0 MTPA of M/s Dalmia Cement East Limited at Village- Kanari, Bokaro Industrial Park, Tehsil- Chas, District- Bokaro.**

The ToR was granted by SEIAA vide letter no. EC/SEIAA/2016-17/1997/2017/36, dated 22.02.2018 and the final EIA & EMP was submitted on 09.04.2018 by PP to SEIAA. The proposal was forwarded to SEAC by SEIAA on 13.04.2018.

Dalmia Cement East Limited is located at Plot No. IV/A-7 (P), Bokaro Industrial Area, Near IOCL Bottling Plant, P.O.: Balidih, District Bokaro in Jharkhand. Its geographical co-ordinates are Latitude 23°42'1.24"N and Longitude 86° 3'46.69"E with mean sea level (MSL) of 231.6 m (760 ft). The area falls under the belt of several industrial units. The road is hard and at a higher level suitable for heavy vehicular traffic. Transport is available for easy movement of personnel, raw material, machinery and finished goods in the area. There is no difficulty in getting the required power and water at the proposed location. The project site is flanked by Purulia in the east & South of West Bengal and Hazaribag in the West and Giridih in the North of Jharkhand. The total plant area is 28.0 Ha, around 9.24 Ha shall be covered under greenbelt to maintain 33% greenbelt in the project area.

Bokaro district is one of the most industrialized zones in India. It is one of the twenty-four districts of Jharkhand state in India. It was established in 1991 by carving out one subdivision consisting of two blocks from Dhanbad District and six blocks from Giridih District. Bokaro Steel City is the district headquarters.

The project site is located in the industrial area of the Bokaro city under the district of Bokaro. The most important river in the area is River Damodar which is at a distance of around 5.0 in northern side with respect to the project site. Garga Dam is situated at a nearest distance of 7.0 Km towards the south from the project site. Bokaro Steel city is located about 9.0 Km distance in the south-east

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direction w.r.t. the project site.

The site is well connected by road and railway network of the South-Eastern Railways. Tupkadih Railway station is located about 1.5 km north from the project site. Bokaro Railway junction is located about 5.0 Km distance towards south-east direction w.r.t. the project site. NH-23 is passing around 4 km from the project site in southern side. The nearest important Airport is Birsa Munda Airport, Ranchi, which is situated at about 87 km distance in South-west direction from the project site. The project site has good connectivity with sea port of Kolkata, Haldia and Paradip.

Latitude & Longitude of four corner of Project Site	A - 23°41'59"N; 86°03'43"E
	B - 23°42'05"N; 86°03'59"E
	C - 23°41'43"N; 86°04'06"E
	D - 23°41'39"N; 86°03'53"E

Raw Materials

The details relating to major raw materials presently being used and that would be used after capacity expansion from 2.1 MTPA to 3.0 MTPA for this Cement Grinding Plant are presented.

Material	Source	Quantity for 2.1 MTPA (in TPA)	Quantity for 3.0 MTPA (in TPA)	Quantity Stored at Site (Tonnes)	Type of Storage
Clinker	OCL Rajganjpur/Dala Cement Factory	7,66,500	10,95,000	24,000	RCC Silo
Slag	Adjoining Bokaro Steel Plant/ Usha Martin / Electro steel/Giridih	12,60,000	18,00,000	100,000	Covered Shade
Gypsum	Gypsum Mine in Rajasthan Paradeep	73,500	1,05,000	3000	
Coal	Eastern coal field coal mines	42,000	60,000	2000	

Project Cost

Total cost of the proposed project is Rs. 11.15 crore. The company proposes to invest 27.9 Lakhs on the CSR activities, which is 2.5% of the total project cost (11.15 Crores). This fund shall be utilized over a period of 5 years

Salient Features of the Cement Grinding Plant

Required quantity of **clinker** is being transported by rail OCL Rajganjpur (Orissa) & Dala Shonbhadra (Uttar Pradesh) & unloaded at site through wagon tippler & transported to Clinker silo through closed conveyor belt. The existing buffer hopper and wagon loading facility shall be utilized for clinker storage and loading for transport to the proposed cement grinding plant. **Slag**

requirement is being met from Bokaro Steel Plant by road. **Gypsum** is being purchased from the mines of Paradeep / Rajasthan through railway wagon / Trucks which has been also unloaded at site through wagon tippler & transported to gypsum storage shed.

Water Requirement

In the existing plant daily make up water requirement for production of 2.1 MTPA Cement is 270 cu.m/day. As per an initial estimate, water to the tune of 315 cu.m/day will be required for total production of 3.0 MTPA Cement in the proposed expansion project. Thus, additional 45 kld water

will be required for the proposed capacity expansion project from 2.1 MTPA to 3.0 MTPA. Water will be sourced from Garga Dam as presently available.

Power Requirement

The requirement of power for existing plant (2.1 MTPA) is 21 MVA. It will be same for Proposed Plant (3.0 MTPA). The power requirement will be met by Damodar Valley Corporation (DVC).

The project authorities along with their consultant M/s Enviro East Pvt Ltd, Kolkata gave a detailed presentation on the EIA / EMP Report.

Increase of plantation with local species. Once the satisfactory paper submitted SC will be used. Strict condition for Air management, noise management fugitive emission of dust from the transport & other processes be provided.

CO certificate regarding class of land (whether recorded as Jangal Jhari or not) has not been sbmitted. DFO, Bokaro vide his letter no. 828, dated 05.05.11 ascertain that the site was notified as Protected Forest in 1953, though it had been handed over to Hindustan Steel Ltd. in 1962. PP is requested to seek the said "handing over" letter from DFO and submit before the SEAC.

Once the PP provides the information, SEAC will examine the case.

3. Common Effluent Treatment Plant of Ranchi Industrial Area Development Authority at Ranchi Municipal Corporation, Ranchi.

The ToR was prescribed vide letter no. EC/SEIAA/2014-15/650/2015/865, dated 01.05.2015 and the final EIA & EMP was submitted on 13.04.2018 by PP to SEIAA. The proposal was forwarded to SEAC by SEIAA on 13.04.2018.

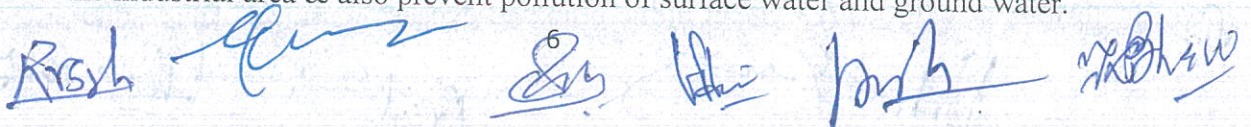
Ranchi Industrial Area Development Authority was constituted by Govt. of Bihar. Four industrial areas namely Tupudana Industrial Area, Kokar Industrial Area, Namkum Industrial Area & Tatisilvai have been setup under command of RIADA for offering land & supporting infrastructures to industrial units.

Presently none of above industrial Areas have facility for treatment of industrial waste water being generated by industrial units in these industrial areas. Industrial effluent is being discharged into the storm water drainage system. This system causes pollution of surface water. Sewage is being treated in individual septic tanks. Effluents from soak pit is discharged in surface drains.

RIADA has undertaken a project to upgrade infrastructural facilities in these Industrial Areas (Khata no. 33, 82, 83, 40, 49, 77, 96 and Plot no. 42 (P), 44 to 51 & 55 (P)). Provision of CETP at Tupudana Industrial for treatment of industrial effluent & sewage is one component.

The proposed CETP has been planned to treat 2.5 MLD of industrial effluent and 1.00 MLD of Sewage. Proposed CETP envisages treatment of effluent in three stages including primary treatment, secondary treatment & tertiary treatment. The primary treatment would facilitate in treating the composite effluent to conform to standards prescribed by MoEF for input to CETP. The secondary treatment will facilitate in achieving the quality of treated effluent conforming to MoEF standard for discharge from CETP. Tertiary treatment will render the treated water suitable for reuse in Industrial Area.

The CETP has been designed on zero liquid discharge principle and will reduce the fresh water demand for the industrial area & also prevent pollution of surface water and ground water.



The estimated cost of project is Rs. 17.03 crores.

DFO, Ranchi vide his letter no. 922, dated 15.03.2018 has certified regarding non forest land & distance from Pas and found to be satisfactory. CO, Namkum vide letter no. 378, dated 05.04.2018 certified that its non "Jangal Jhari".

Form-I submitted be changed as Subarnarekha river is passing very close to the site. This should be noted and for distance from river KML file be submitted.

ToR extension may be given on submission of the above documents.

Once the PP provides the information, SEAC will examine the case.

4. Expansion cum Modernization of M/S Mongia Steel Ltd at Village-Burhiadih, Tehsil-Giridih, Dist.- Giridih.

The ToR was granted by SEIAA vide letter no. EC/SEIAA/2014-15/569/2014/900, dated 01.05.2015 and the final EIA & EMP was submitted on 20.04.2018 by PP to SEIAA. The proposal was forwarded to SEAC by SEIAA on 20.04.2018.

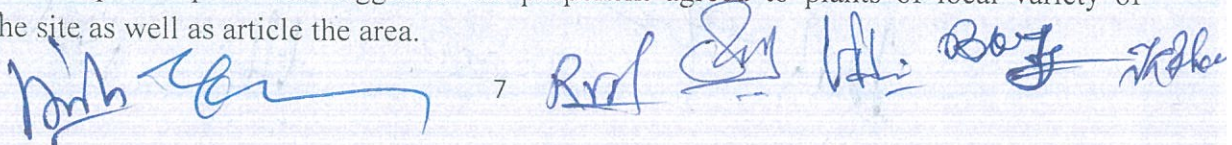
M/S Mongia Steel Limited located at (Khata no. 57, 53, 58, 50, 41 & 45 and Plot no. 1373, 1374, 1403 to 1407, 1409 to 1411, 1429, 1430, 1444, 1446 to 1450 and 1452) Budhiadih, Tundi Road, Giridih - 815302, Jharkhand has setup 2 nos of Induction furnaces of 6 t capacity each. Out of these two one is stand by unit. This unit comes under Induction furnace division. Similarly there is Re-rolling division also. Induction furnace is producing MS Billet which getting processed to TMT Bars. The Mongia Steel Limited was setup in the year 1996. The project was setup at land owned by company. The initial setup was made for Induction furnace and later on TMT Mill was added. The old name of M/S Mongia Steel Ltd. was Mongia Hi-tech (P) Ltd. The installed capacity of Induction furnace of M/S Mongia Steel Ltd. is to produce M.S. Ingot of 50 TPD and TMT Bars in Re-rolling Division is having production capacity of 10 MT/Day. The power requirement for the plant has been envisaged to be made available from DVC is near about 7.5 MVA. Required quantity of water shall be drawn from ground water sources which is minimal. Giridih is the nearest railway station from the proposed plant site on, which is around 3.5 km from the proposed site. Looking to demand of days for modernization and expansion of M/S Mongia Steel Limited is needed for which environmental clearance is required from State Level Environmental Impact Authority.

Accordingly Mongia Steel Limited is seeking Environmental Clearance for the followings:-

Induction furnace (SMS)	-	2 x 15 T
There will be 2 cell stand by		
Billet caster	-	1 x 2 strand (300 tpd)
TMT Mill	-	240 tpd
Strip Mill	-	60 tpd pipes & shutter strips.
Producer Gas Plant	-	As per requirement

The project authorities along with their consultant M/s Pollution and Ecology Control Services, Ranchi gave a detailed presentation on the EIA / EMP Report.

Green belt development plan was suggested the proponent agreed to plants of local variety of species in the site as well as article the area.



During the public hearing the queries were related to dust pollution in the road, the proponent agreed to spray water on the road regularly and plant local tree species.

The committee requested to maintain separate bank account for EMP and CSR funds.

PP was asked to submit additional information :

1. CO certificate regarding class of land (whether recorded as Jangal Jhari or not).
2. DFO Certificate regarding distance from notified forest / National Park / Sanctuary/ Eco Sensitive Zone / Bio-Diversity Area.

Once the PP provides the information, SEAC will examine the case.

5. Proposed Convention Centre Building Construction Project of Jharkhand Urban Infrastructure Development Company Ltd (JUIDCO) at Ranchi Smart City, HEC Campus, Ranchi.

The salient feature of project is given in table given below :

Name of the project	Proposed Convention Centre Building Construction Project of Jharkhand Urban Infrastructure Development Company Ltd (JUIDCO) at Ranchi Smart City, HEC Campus, Ranchi		
Name of applicant	Mr. D.K. Singh (Project Director)		
Category of the project	8 (a)		
Project location	Mauza – Latma, Block – Namkum, Dist.- Ranchi, Khata no. – 141 & 31, Plot no. – 1185 (P), 1187 (P), 1188 (P), 1190 (P), 1191 (P), 1193 (F), 1194 (F), 1195 (P), 1200 (F), 1292 (P), 1293 (P), 1294 (P), 1295 (P), 1297 (P), 1298 (P), 1299 (P) & 1300 (P)		
Total land area	6.91 Acres		
Total plot area	27,310 Sq.m.		
Total built up area	72,523.5 Sq.m.		
Block wise built up area	No. of floors	Built up area (Sq. m)	No. of users
	Basement 2	23,307.5	Parking and services
	Basement 1	23,307.5	Parking and services
	Ground floor	12,444	Convention Hall, Cafeteria, Meeting Room and Office
	1 st Floor	7285.50	Meeting Room and Auditorium
	2 nd Floor	6179	Meeting Room, Office and Food Court
	Total	72,523.5	As above

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New / Expansion / Modernization	New project	
Nearest Airport	Birsra Munda Airport – 3.0 KM	
Maximum Height of the Building	23 m above ground level.	
Water requirement	Construction Phase	During Operation Phase
	Drinking water for labour & staff = 6-7 KLD by water tankers. By water tankers : 90-95 KLD (Depending upon the activity)	Source : Ground water & Treated Waste Water Fresh Water (Domestic) : 200 KLD Recycle water (Flushing) : 73 KLD
	Total water demand at operation stage will be 273 KLD.	
Power requirement	Source : JSEB Construction Phase : 40 KVA Operation Phase : 2765 KVA For D.G. Sets : 2x1500 KVA	

PP was asked to submit additional information :

1. Geotechnical study report.
2. Central Ground Water Board clearance.
3. Revised Form-I
4. Water quality & quantity study report.
5. Air traffic permission for higher rise building from the Airport Authority.
6. Details of the sewage treatment plant & solid waste.
7. CO certificate regarding class of land (whether recorded as Jangal Jhari or not).
8. DFO Certificate regarding distance from notified forest / National Park / Sanctuary/ Eco Sensitive Zone / Bio-Diversity Area.

Once the PP provides the information, SEAC will examine the case.

6. Proposed Civic Tower Building Construction Project of Jharkhand Urban Infrastructure Development Company Ltd (JUIDCO) at Ranchi Smart City, HEC Campus, Ranchi.

The salient feature of project is given in table given below :

Name of the project	Proposed Civic Tower Building Construction Project of Jharkhand Urban Infrastructure Development Company Ltd (JUIDCO) at Ranchi Smart City, HEC Campus, Ranchi.
Name of applicant	Mr. D.K. Singh (Project Director)
Category of the project	8 (a)
Project location	Mauza – Latma, Block – Namkum, Dist.- Ranchi, Khata no. – 141 & 31, Plot no. – 1184 (P,) 1185 (P), 1186 (P), 1294 (P), 1299 (P), 1300 (P), 1301 (P), 1302 (P), 1305 (P), 1306 (P), 1308 (P), 1309 (F), 1310 (P), 1311 (P), 1312 (F), 1313 (F), 1314 (F), 1315 (P), 1325 (P), 1326 (P) & 1344 (P)

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Total land area	6.75 Acres		
Total plot area	12,480 Sq.m.		
Total built up area after expansion	40,469 Sq.m.		
Proposed construction area	45,469 Sq.m.		
Block wise built up area	No. of floors	Built up area (Sq. m)	No. of users
	Basement 2	9735.75	Parking and services
	Basement 1	9735.75	Parking and services
	Ground floor, 1 st and 2 nd Floor	2632.50 each	Shops & Food court
	3 rd Floor	1770	Office space
	4 th Floor	1374	Office space
	5 th -10 th Floor	1361 each	Office space
	11 th - 15 th Floor	1358 each	Office space
	Total	45,469	As above
New / Expansion / Modernization	New project		
Nearest Airport	Birsamunda Airport – 3.0 KM		
Maximum Height of the Building	70 m above ground level.		
Water requirement	Construction Phase	During Operation Phase	
	Drinking water for labour & staff = 3-5 KLD by water tankers. By water tankers : 60-70 KLD (Depending upon the activity)	Source : Ground water & Treated Waste Water Fresh Water (Domestic) : 201 KLD Recycle water (Flushing) : 65 KLD	
	Total water demand at operation stage will be 266 KLD.		
Power requirement	Source : JSEB Construction Phase : 40 KVA Operation Phase : 2080 KVA For D.G. Sets : 2x1000 KVA		

PP was asked to submit additional information :

1. Geotechnical study report.
2. Central Ground Water Board clearance.
3. Revised Form-I
4. Water quality & quantity study report.
5. Air traffic permission for higher rise building from the Airport Authority.
6. Details of the sewage treatment plant & solid waste.
7. CO certificate regarding class of land (whether recorded as Jangal Jhari or not).

8. DFO Certificate regarding distance from notified forest / National Park / Sanctuary/ Eco Sensitive Zone / Bio-Diversity Area.

Once the PP provides the information, SEAC will examine the case.

7. Ravindra Bhawan Building Construction Project of Jharkhand Urban Infrastructure Development Company Ltd (JUIDCO) at Kutchery Chowk, Opposite Jaipal Singh Stadium, Ranchi.

The salient feature of project is given in table given below :

Name of the project	Ravindra Bhawan Building Construction Project of Jharkhand Urban Infrastructure Development Company Ltd (JUIDCO) at Kutchery Chowk, Opposite Jaipal Singh Stadium, Ranchi.		
Name of applicant	Mr. D.K. Singh (Project Director)		
Category of the project	8 (a)		
Project location	Village – Kutchery Chowk, Tehsil – Ratu, Dist.- Ranchi, Plot no. – 781, 783, 784, 786 & 847		
Total land area	2.96 Acres		
Total plot area	12,451 Sq.m.		
Total built up area after expansion	34,624 Sq.m .		
Proposed construction area	34,624 Sq.m.		
Block wise built up area	No. of floors	Built up area (Sq. m)	No. of users
	Basement 1	10,450	Parking and services
	Basement 2	10,450	Parking and services
	Ground floor	6060.5	Auditorium, community hall, shop & food court
	1 st Floor	2970	Meeting room, guest room & library
	2 nd Floor	3075	Auditorium, Balcony -1, guest room & Gym
	3 rd Floor	1618.5	Auditorium, Balcony -2 & guest room
	Total	34,624	As above
New / Expansion / Modernization	New project		
Nearest Airport	Birsa Munda Airport – 5.5 KM		
Maximum Height of the Building	33.90 m above ground level.		

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Dr. H. B. Singh

	Construction Phase	During Operation Phase
Water requirement	Source : Tanker water for construction activity and Ground Water for drinking and domestic use. For domestic & drinking purpose to construction workers = 3-5 KLD For construction activity = 60-70 KLD	Source : Municipal Water for drinking and domestic use and recycled water from STP for flushing & gardening purpose. Common Sewage Treatment Plant of 100 KLD capacity is proposed for layout.
	Total water demand at operation stage will be 137 m³. (Fresh Water 47 m³ and Treated waste Water : 90 m³)	
Power requirement	Source : JSEB Construction Phase : 40 KVA Operation Phase : 1781 KW (connected load – 2664 KW & Demand load 1781 KW) For D.G. Sets : 2x1000 KVA	

PP was asked to submit additional information :

1. Geotechnical study report.
2. Central Ground Water Board clearance.
3. Revised Form-I
4. Water quality & quantity study report.
5. Air traffic permission for higher rise building from the Airport Authority.
6. Details of the sewage treatment plant & solid waste.
7. CO certificate regarding class of land (whether recorded as Jangal Jhari or not).
8. DFO Certificate regarding distance from notified forest / National Park / Sanctuary/ Eco Sensitive Zone / Bio-Diversity Area.

Once the PP provides the information, SEAC will examine the case.

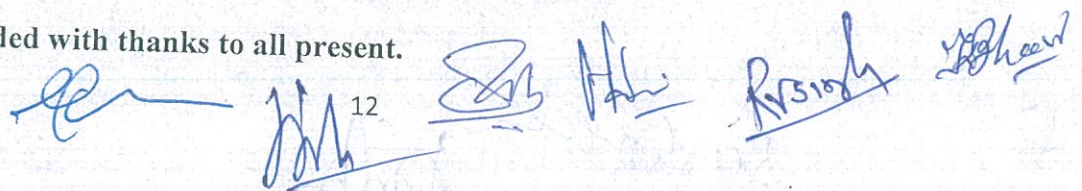
8. Residential Complex for Godda Thermal Power Project of Adani Power (Jharkhand) Ltd. at Vill – Motia & Patwa, Godda.

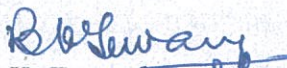
PP was asked to submit additional information :

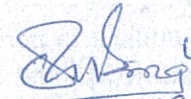
1. Geotechnical study report.
2. Central Ground Water Board clearance.
3. All relevant investigation & test reports as submitted in MoEF pertaining to this project be submitted.
4. CO certificate regarding class of land (whether recorded as Jangal Jhari or not).
5. DFO Certificate regarding distance from notified forest / National Park / Sanctuary/ Eco Sensitive Zone / Bio-Diversity Area.

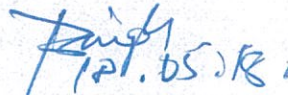
Once the PP provides the information, SEAC will examine the case.


The meeting concluded with thanks to all present.

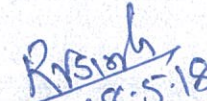


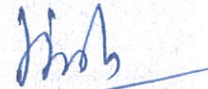

(Dr. B.K. Tewary) 18/5/2018
Member



(Dr. R.N. Singh) 18.5.18
Member

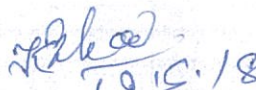

(Y.K. Singh) 12.05.18
Member


(Dr. V.P. Sinha) 19/5/18
Member


(Dr. R.V. Singh) 18.5.18
Member

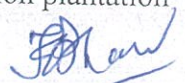
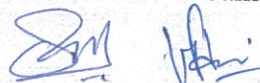
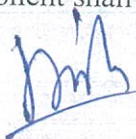

(U.P. Singh)
Member


(Om Prakash) 18.05.18
Member Secretary


(K.P. Bhawsinka) 19.5.18
Chairman




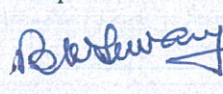

A. Specific Conditions

1. The environmental clearance is subject to period of lease of the mine by the Department of Mines, Government of Jharkhand to PP 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.
3. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
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 endangered fauna occurs / is found in the Project area). No damage is to be done to the fauna in general and endangered species in particular, if found in ML area (as mentioned in various schedules). In such case they should be given protection, capture alive with the help of the subject expert and transfer them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
5. The mining operations shall be restricted to ground above water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per IBM or equivalent agencies. Safety measures shall be adopted in line with DGMS Guidelines.
6. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
7. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed / diverted 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.
8. 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 by spreading on the land reclamation and plantation.
9. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
10. Catch drains and siltation ponds of approved size to contain silt & water and its location shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the nearby agricultural fields, and other water bodies. The water so collected should be utilized for watering the haul roads, green belt development etc. A periodical report shall be sent. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
11. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
12. Greenbelt of approved width shall be developed all along the length of mine lease area and haul roads. The Project proponent shall do adequate no at least 50 bamboo gabion plantation



each year and maintain it for the life of the mine along the transport road and vacant space, preferably along the periphery of mining lease. Fast growing and local species will be planted.


13. Effective safeguard measures such as regular water sprinkling shall be carried out in the identified 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 as per approved plan shall be carried out on haul roads which should be made pucca as per approved specification of Govt. of Jharkhand 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.
14. The project proponent shall implement approved conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
15. The project proponent shall if required, obtain necessary prior permission/NOC from the competent authorities for drawl of requisite quantity of water required from the source for the project.
16. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
17. Vehicular emissions shall be kept under control by regular repairing of transport road and regular air quality monitoring. 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 stone / sand outside the mine lease area shall be carried out after the sunset.
18. No blasting shall be carried out after sunset. Blasting operation shall be carried out only during daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
19. Drilling shall either be operated with the dust extractors or equipped with water injection system.
20. Effective safeguard measures shall be taken to control fugitive emissions so as to ensure that RPM (PM10 and PM 2.5) levels are within prescribed limits.
21. Pre-placement medical examination and periodical medical examination of the workers engaged in the project conducted by a Registered Medical Officer shall be carried out and records maintained.
22. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
23. Provision shall be made for the housing of construction labour at a suitable place away from 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.
24. Proper Safety measures as per statutory requirement shall be implemented around the mined out Pit prior to closure of site.

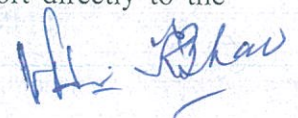
25. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
26. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein.
27. The Project Proponent shall submit six monthly report on the expenditure incurred on environmental management plan submitted by them.
28. Since blasting and mining on Hillock / Rock out crop may also be carried out, suitable scheme for access / ramp to the highest elevation with gradient shall be submitted for approval from competent authorities.
29. Approved devices for dust suppression shall be installed.

B. General conditions

1. No change in mining technology 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. On maintenance of separate account for EMP and ESC. EC conditions should be more specific like opening a separate bank account in order to provide financial accountability by project proponents. This should be made compulsory part of the Annual Environment Statement.
3. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
4. The Project proponent shall make all internal roads pucca as per approved specification of Govt. of Jharkhand and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
5. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
6. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
7. 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.
8. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
9. Personnel working in dusty areas should be provided with 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. Detailed report shall be sent to Pollution Control Board periodically.
10. Dispensary facilities for First Aid shall be provided at site.
11. A separate environmental management / monitoring 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.

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12. 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) or at least Rs 1 per ton whichever is higher.
13. 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.
14. 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 SEIAA / JSPCB and to its concerned Regional Office.
15. 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.
16. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad / 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.
17. 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.
18. 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 accorded will be valid for the period of lease of the mine, till the PP does 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 and other Wastes (Management and

Transboundary Movement) Rules, 2016 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.

