

MINUTES OF THE 71ST MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD ON 16TH & 17TH MAY, 2019

The 71st meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held on 16th & 17th May, 2019 under the Vice Chairmanship of Dr. B.K. Tewary in the absence of Sh. K.P. Bhawsinka in the Conference Room at SEAC, Ranchi.

This SEAC meeting was originally convened for 3 days i.e 15-17 May, 2019 vide SEAC letter no. 100, dated 30.04.19 to accommodate a large number of crucial proposals available with SEAC. Later on, on 01.05.19 the Chairman, SEAC intimated that he would be available on 16-17.05.19 only. Since there was a large no. of project including crucial govt. projects, M.S, SEAC requested vide his letter no. 104, dated 06.05.19 to either attend the scheduled meeting on 15-17.05.19 or other-wise nominate Vice Chairman as per the EIA notification, 2006. The Chairman did not made any response. Accordingly the M.S, SEAC was compelled to rescheduled the 02 day meeting on 16-17.05.19. On 16th May, 2019 the Chairman intimated at around 11.00 AM that he is not coming. Hence on his verbal assurance and compulsion to dispose crucial projects as well as to comply the order of Hon'ble NGT, meeting was started.

Later on, Chairman has intimated through SMS to Dr. V.P. Sinha, Member that Vice Chairman should be elected from the amongst the Senior Members of SEAC.

Accordingly, the Committee (SEAC) nominate Dr. B.K. Tewary as Vice Chairman to conduct the meeting.

The following members were present :

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|------------------------|--------------------|
| 1. Dr. B.K. Tewary | - Vice Chairman |
| 2. Dr. V.P. Sinha | - Member |
| 3. Sri Y.K. Singh | - Member |
| 4. Sri S.P. Srivastava | - Member |
| 5. Sri U.P. Singh | - Member |
| 6. Sri M.S. Bhagwat | - Member |
| 7. Sri Om Prakash | - Member Secretary |

Sri K.P. Bhawsinka, Chairman, Sri R.N. Singh & Dr. R.V. Singh, Member, SEAC could not attend the meeting due to personal reason.

SEIAA forwarded various projects to the SEAC for the technical appraisal after the last SEAC meeting held on 29th & 30th April, 2019. These projects have been put up for discussions. Besides, these Projects, wherein PP's were asked to provide requisite informations / clarifications in SEAC earlier meeting, were also considered for appraisal. The Project Proponents have been asked to make technical presentation for the appraisal of their projects before the committee.

The following observations /recommendations were made during the presentation (Project -wise), as under:-

Day 1 : May 16, 2019 [Thursday]

A. Consideration of Proposals

- i. **Integrated Municipal Solid Waste Management Facility for Ranchi Municipal Corporation, Vill. : Jhiri, Kanke, Dist. : Ranchi.**

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Dr. B.K. Tewary

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(Proposal no. : SIA/JH/MIS/28276/2017)

The PP Commissioner, Ranchi Municipal Corporation has submitted proposal for issuance of ToR for Integrated Municipal Solid Waste Management Facility. The PP has not turned up before the SEAC in its 70th meeting held on 29-30.04.19, in spite of SEAC memo no. 59, dated 23.04.19 for presentation of their case. The SEAC decided to defer the issue for next meeting.

In the present meeting on 16.05.19, the representative of PP, authorized vide O/o no. 259, dated 15.05.19, Dr. Kiran Kumari and Town Planner Sri Sandip Kumar turned up in the meeting and verbally requested to grant time for presentation. The SEAC intimated the said representative of PP that Hon'ble NGT has directed the SEAC in O.A. no. 476/18 (EZ) on 29.04.19 to complete the process within one month i.e. 29.05.19. Accordingly, PP has to submit requisite documents and make presentation within the time line directed by the Hon'ble NGT.

The PP's representative have not submitted their formal request letter for deferment of presentation till date.

Once the requisite documents are submitted to SEAC, it will examine the case.

- ii. **Development of "Smart City Project" of M/s Ranchi Smart City Corporation Ltd. at Vill. Latma, Jaganathpur, Kalyanpur, Kachnartoli, Hatia, Tehsil- Namkum, Ranchi.**

(Proposal No. : SIA/JH/MIN/33702/2019)

The ToR was granted by SEIAA vide letter no. EC/SEIAA/2018-19/2089/2018/89, dated 14.02.2019 and the final EIA & EMP was submitted by PP to SEIAA on 24.04.19. The proposal was forwarded to SEAC by SEIAA on 24.04.2019.

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

Name of the project	Development of "Smart City Project" of M/s Ranchi Smart City Corporation Ltd
Name of applicant	M/s Ranchi Smart City Corporation Ltd
Category of the project	8 (b) Townships and Area Development projects.
Project location	Village : Latma, Jaganathpur, Kalyanpur, Kachnartoli, Hatia Tehsil : Namkum, Dist.: Ranchi. HEC Area, Situated in Southern part of Ranchi City. Latitude : 28° 18' 16.50" N Longitude : 85° 18' 01.44" E.
Total land area	656.30 Acres (265.595 Ha).
Plot area	26,55,952 Sqm.
Proposes FAR area (incl. Institutional, Residential, Commercial, Public / semi Public Mix use component)	46,93,734.54 Sqm
Expected Population	69,270 Persons

Total Water Requirement	18 MLD (The fresh water demand will be obtained from Hatia Dam WTP and Getalsud Dam WTP)
Fresh Water requirement	12 MLD
Proposed STP Capacity	14.4 MLD
Recycled Water	6 MLD
Proposed Parking	2755 ECS
Municipal Wastes (domestic and or commercial wastes)	<p>Construction Phase : Municipal solid waste – 48.75 Kg/day Operation Phase : Municipal solid wastes - 43.09 TPD The solid waste includes paper, card board, plastic cans etc. and kitchen wastes from houses. Recyclable wastes like card boards and plastic cans will be sold to vendors.</p> <p>Sewage sludge : 750 kg/day of sewage sludge will be generated which will be use as manure for plants and surplus manure will be sold to the farmers. Waste water will also generate from construction activities, cleaning, curing washing etc. which contain suspended materials.</p> <p>Hazardous waste : 0.52 liters/day (of waste oil will be generated and sold to authorised recyclers).</p>
Liquid Effluent	<p>Construction Stage : During the construction stage domestic liquid effluent generation will be approx. 9.275 KLD from labor camp proposed at site.</p> <p>Operation Stage : Effluent will be treated in Sewage Treatment Plant of 14.4 MLD. The total treated water from STP will be reused for flushing, horticulture, HVAC and DG cooling activities.</p>
Total Power requirement	131.16 MW
Nearest Airport / Railway	<p>Birsa Munda Airport – 1.50 KM, NE. Hatia Railway Station : 0.27 KM, NE direction.</p>

Land use distribution :

S. No.	Land use	Area (acres)	Percentage
1.	Institutional	134.065	20
2.	Residential	86.51	13
3.	Commercial	65.67	10
4.	Public / Semi Public	55.72	8
5.	Mix Use Component	69.14	11
6.	Open Space and Circulation	245.2	38
Total		656.3	100

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Baseline Status Collated from Analysis of Secondary and Primary Data :

Attribute	Baseline status
Meteorology	<p>In summer, i.e. from March to June, the weather remains hot. Monsoon season prevails during mid –June to mid – September.</p> <p>The cold waves from the Himalayan region makes the winters in the study area chilly and harsh. Temperatures fall to as low as 3 to 4° C at the peak of winters. Study area also has fog problem. In January, a dense fog envelops the city, reducing visibility on the streets. (Source : IMD 1961 - 1991)</p>
Ambient Air Quality	<p>Ambient air quality was monitored at Eight locations in the study area. The value of PM_{2.5} varies from 72.42 µg/m³ to 74.65 µg/m³ , PM₁₀ varies from 114.42 µg/m³ to 118.35 µg/m³, SO₂ varies from 15.27 µg/m³ to 17.12 µg/m³, NO₂ varies from 17.42 µg/m³ to 23.11 µg/m³ and CO was observed 0.68 to 1.12 mg/m³. (Source: Primary data from Baseline information for the period Mar, 2018 to May 2018(IR&DH))</p>
Noise Levels	<p>Noise monitoring was carried out at Eight locations. The results of the monitoring program indicate that the daytime noise level and night time levels found within the permissible limits. (Source: Primary data from Baseline information for the period Mar, 2018 to May 2018 (IR&DH))</p>
Water Quality	<p>Ground water sample was analyzed to access the water quality of the study area. Ground water in the area conforms to the IS:10500.</p>
Soil Quality	<p>Soil sample was collected from the project site: One number of soil sample was analyzed to access the soil quality of the study area. Primary nutrient shows that the soil is moderately fertile. (Source: Primary data from Baseline information for the period Mar, 2018)</p>
Biological Environment	<p>The regions are covered by indigenous floral species. Common animals and birds are predominant in the area. There is no rare or endangered species and the project site is devoid of nesting or breeding ground. Impact on flora and fauna has been assessed but it was found to be insignificant.</p>
Socio – economy	<p>The area is predominantly residential and the surrounding of the project site is as per local development plan.</p>

DFO, Ranchi vide letter no. 4273, dated - 22.12.18 certified that the distance of Battery Point from notified forest land is 1300 m from project site and not within 10 km from National Park, Bio-Diversity & Sanctuary. The CO, Namkum vide letter no. 29, dated - 07.01.19 has certified the plot of the project site is not recorded as “Jungle Jhari”.

The representative of the project proponent along with consultant M/s Ind Tech House Consult, Delhi have participated in the meeting & presented the case before the SEAC.

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SEAC observed that there exist a number of issues which needs proper technical replies.

Finally, PP was asked to submit requisite documents, as under :

- (i) Study report on Ecological impact of two rivers flowing in the area due to Smart City which is yet to be submitted.
- (ii) A clear cut report on population around the area and corresponding traffic density & its impact as per IRC guidelines be submitted.
- (iii) The land use breakup should be reclassified and minimum 33% be earmarked for green belt development.
- (iv) Public hearing has been exempted (to submit the MoEF document).
- (v) Air data, meteorological features and modelling to be properly addressed.
- (vi) Contour plan as per guidelines (DEM) and 1:1000 scale of the project site be submitted indicating the proposed road routes.
- (vii) Tree felling- A commitment and clearance letter from Jharkhand High Court formed monitoring Committee as per W. P (PIL) no. - 3503/14 be submitted.
- (viii) Power requirement has been mis represented clarification be given.
- (ix) Environmental Cell submitted is not correct. A correct document be submitted.
- (x) Ground water status based on CGWB report of the area be corroborated with the site area.
- (xi) Water balance for waste generated and its uses be submitted.
- (xii) Rain water potential and RWH structures sites be identified and action plan submitted.
- (xiii) Solar energy utilization potential be evaluated and submitted.
- (xiv) Land excavations and handling of OB be clarified.
- (xv) Cumulative effect of the small holdings construction be submitted.
- (xvi) Breakup of EMP cost be made realistic with timeline & action plan submitted.
- (xvii) Statement about the endangered faunal species located in the study area and their management plan, if necessary as per their category of relevant schedule of Wild Life Act.
- (xviii) It is observed that the proposed project of Smart City is 270 m away from the outer edge of Hatia Railway Station. The EIA should include special abatement measures for noise & vibration.
- (xix) The PP proposes to utilize the surface water for whole project. This needs an evaluation of the requirement and capacity of the existing reservoir vis a vis permission from the competent authority. Alternately, a separate water body be proposed.

Once the requisite documents are submitted to SEAC, it will examine the case.

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

(Proposal No. : SIA/JH/MIS/102940/2019)

This has been identified as violation case as the proponent has started site clearing, and other construction process prior to grant of EC.

The proponent applied to SEIAA for grant of EC on 23.04.18. The SEAC appraised the proposal in its 56th meeting dated 17-18 May, 2018 and directed the proponent to furnish additional requisite documents, proponent submitted the required document. The SEAC again considered the proposal in

its 65th meeting 07-09 January, 2019 & site visit by all the member conducted then that the project has violated provisions of EIA notification 2006 by starting the construction activity without obtaining EC. Later, keeping in view that proponent had initiated process for obtaining EC. Proponent appealed to SEIAA to :

- (i) Exempt public hearing.
- (ii) Allow the proponent to continue construction of foundation considering the fact that monsoon is approaching. Inset of monsoon before the completion of foundation and other construction work below ground level will hamper greatly the progress of work & safety of site particularly where foundation pits were dug.

SEIAA / SEAC exempted public hearing as per the EIA notification, 2006 but rejected appeal to continue construction work. The proponent committed that the construction work has been stopped. Following SEAC recommended for issuance of ToR the guidelines of MoEF notification S.O. 1030 (E), dated 08.03.18. This notification of MoEF&CC states that –

(c) for sub-paragraph (5), the following sub-paragraph shall be substituted, namely:-

“(5) In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

for sub-paragraph (6), the following sub-paragraph shall be substituted, namely:-

“(6) The Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, as the case may be, shall stipulate the implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation as a condition of environmental clearance.”;

(e) for sub-paragraph (7), the following sub-paragraph shall be substituted, namely:-

“(7) The project proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution

Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalised by the concerned Regulatory Authority, and the bank guarantee shall be deposited prior to the grant of environmental clearance and released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after recommendation by regional office of the Ministry, Expert Appraisal

Committee or State or Union territory level Expert Appraisal Committee and approval of the Regulatory Authority.”.

All these condition for violation cases were included in ToR for compliance by the PP. The PP submitted the EIA report with evaluation of Damage and remediation measures to be adopted alongwith cost estimates.

The SEAC in its 65th meeting held on 07-09 January, 2019 recommended for ToR & take credible action as per the E (P) Act, 1986. The ToR was granted by SEIAA vide letter no. "EC/SEIAA/2017-18/2040/2017/63, dated 07.02.2019 and the final EIA & EMP was submitted by PP to SEIAA on 25.04.19. The proposal was forwarded to SEAC by SEIAA on 25.04.2019.

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	Sri S.K. Sahu (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 (P), 1310 (P), 1311 (P), 1312 (P), 1313 (P), 1314 (P), 1315 (P), 1325 (P), 1326 (P) & 1344 (P) Latitude : 23° 17' 58.02" N Longitude : 85° 17' 39.45" E.		
Total land area	6.75 Acres		
Total plot area	12,480 Sq.m.		
Total Built-up 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	Birsa Munda Airport – 3.0 KM		

Maximum Height of the Building	70 m above ground level.	
Water requirement	Construction Phase	Operation Phase
	Potable : 3.5 KLD Construction : 65 KLD	Potable : 270 KLD
	During operational phase 70 KLD of water will be used in flushing & gardening. This 70 KLD of water is treated water from STP.	
Source of water	Construction phase : Water tanker. Operational phase : Ground water for drinking and domestic use and recycled water from CSTP for flushing & gardening purpose.	
Domestic sewage generation	About 200 KLD	
Disposal of sewage	Through Sewage Treatment Plant.	
Total solid waste generation	999.5 kg including 599.7 kg wet solid and 399.8 kg dry solid waste.	
Solid waste disposal facility	The RMC has the facility to collect both Bio-degradable and dry solid waste collection. These two solid wastes will be segregated at the collection point by placing different coloured Bins. The sludge from the STP will be used as manure.	
Power requirement	Source : JSEB Construction Phase : 40 KVA Operation Phase : 2080 KVA For D.G. Sets : 2x1000 KVA	
Total project cost	Rs. 172 Crore	

The representative of the project proponent and their consultant M/s Crystal Consultant have participated in the meeting and presented in detail the EIA / EMP and identified ecological damages caused due to violation action and the remedial measures to be adopted.

SEAC opines that the report has been prepared following the old NABET EIA manual and needs to be updated with the provisions of Version -3.

Accordingly, PP was asked to submit requisite documents, as under :

- (i) Declaration of proponent regarding the report as per the Version – 3 of NABET guidelines along with disclosure & declaration of the consultant with signature of Coordinator & all FAE's be submitted.
- (ii) ToR compliance status not included in the EIA report submitted to SEAC / SEIAA, point wise reply of ToR be submitted.
- (iii) Water use – ground water. This needs the reasons & clarity as well as. Only copy of online application to CGWB is enclosed as annexure. As per existing guidelines and

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rules EIA should be included duly signed and stamped application to CGWB. The NOC / approved from CGWB should be submitted before grant of EC.

- (iv) No diversion or realignment of nalla will be made – a commitment.
- (v) A certificate regarding the remediation plan prepared by an accredited Environmental Lab has been made with credentials.
- (vi) Though Damage assessment and remediation plan be submitted as a separate chapter but needs to be modified. The Natural Resource Augmentation Plan and Community Resource Augment Plan be made realistic, practicable and effective for the area.

The budgetary provisions made towards, the implementation plan be made along with action plan and time line provided. Allocation of budgetary allocation be readjusted and enhanced to 15% more to accommodate and satisfactory completion of the remediation measures & community development.

- (vii) Dredging & Disilting Plan of Dhurwa Dam as proposed by PP should be elaborated.
- (viii) Remediation cost – Time line for implementation of the remediation plan be submitted.
- (ix) Form-I, Form-IA & ToR data be checked & corrected.
- (x) Remediation plan be made realistic as per the site.
- (xi) Bank guarantee equal in amount to remediation plan, ad natural and community resource augmentation plan should be deposited in Jharkhand State Pollution Control Board and copy of the acknowledgment should be included in EIA.
- (xii) Under the specific conditions the State Govt. / SPCB to take action against the PP under provision of Section 19 of the Environment (Protection) Act, 1986 initiation of the action is not in the knowledge the committee however, the EIA appraisal is being taken up under provision of MoEF&CC notification S.O. 1030(E), dated 08.03.18.

Once the requisite documents are submitted to SEAC, it will examine the case.

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

(Proposal No. : SIA/JH/MIS/102942/2019)

This has been identified as violation case as the proponent has started sit clearing, and other construction process prior to grant of EC.

The proponent applied to SEIAA for grant of EC on 23.04.18. The SEAC appraised the proposal in its 56th meeting dated 17-18 May, 2018 and directed the proponent to furnish additional requisite documents, proponent submitted the required document. The SEAC again considered the proposal in its 65th meeting 07-09 January, 2019 & site visit by all the member conducted then that the project has violated provisions of EIA notification 2006 by starting the construction activity without obtaining EC. Later, keeping in view that proponent had initiated process for obtaining EC. Proponent appealed to SEIAA to :

- (i) Exempt public hearing.
- (ii) Allow the proponent to continue construction of foundation considering the fact that monsoon is approaching. Inset of monsoon before the completion of foundation and other construction work below ground level will hamper greatly the progress of work & safety of site particularly where foundation pits were dug.

SEIAA / SEAC exempted public hearing as per the EIA notification, 2006, but rejected appeal to continue construction work. The proponent committed that the construction work has been stopped. Following SEAC recommended for issuance of ToR the guidelines of MoEF notification S.O. 1030 (E), dated 08.03.18. This notification of MoEF&CC states that –

(c) for sub-paragraph (5), the following sub-paragraph shall be substituted, namely:-
“(5) In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

for sub-paragraph (6), the following sub-paragraph shall be substituted, namely:-

“(6) The Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, as the case may be, shall stipulate the implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation as a condition of environmental clearance.”;

(e) for sub-paragraph (7), the following sub-paragraph shall be substituted, namely:-


“(7) The project proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalised by the concerned Regulatory Authority, and the bank guarantee shall be deposited prior to the grant of environmental clearance and released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after recommendation by regional office of the Ministry, Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee and approval of the Regulatory Authority.”.


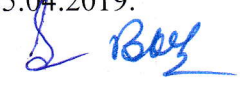
All these condition for violation cases were included in ToR for compliance by the PP. The PP submitted the EIA report with evaluation of Damage and remediation measures to be adopted alongwith cost estimates.

This is a violation case. The SEAC in its 65th meeting held on 07-09 January, 2019 recommended for ToR & take credible action as per the E (P) Act, 1986. The ToR was granted by SEIAA vide letter no. EC/SEIAA/2017-18/2041/2017/59, dated 07.02.2019 and the final EIA & EMP was submitted by PP to SEIAA on 25.04.19. The proposal was forwarded to SEAC by SEIAA on 25.04.2019.

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

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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	Sri S.K. Sahu (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 (P), 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
New / Expansion / Modernization	New project		
Nearest Airport	Birsa Munda Airport – 3.0 KM		
Maximum Height of the Building	23 m above ground level.		
Water requirement	Construction Phase	Operation Phase	
	Potable : 6 KLD Construction : 90 KLD	Potable : 290 KLD	
	During operational phase 80 KLD of water will be used in flushing & gardening. This 80 KLD of water is treated water from STP.		
Source of water	Construction phase : Water tanker. Operational phase : Ground water for drinking and domestic use and recycled water from CSTP for flushing & gardening		

	purpose.
Domestic sewage generation	About 200 KLD
Disposal of sewage	Through Sewage Treatment Plant.
Total solid waste generation	1093.4 kg including 656.04 kg wet solid and 437.36 kg dry solid waste.
Solid waste disposal facility	The RMC has the facility to collect both Bio-degradable and dry solid waste collection. These two solid wastes will be segregated at the collection point by placing different coloured Bins. The sludge from the STP will be used as manure.
Power requirement	Source : JSEB Construction Phase : 40 KVA Operation Phase : 2765 KVA For D.G. Sets : 2x1500 KVA
Total project cost	Rs. 390 Crore

The representative of the project proponent and their consultant M/s Crystal Consultant have participated in the meeting and presented in detail the EIA / EMP and identified ecological damages caused due to violation action and the remedial measures to be adopted. SEAC opines that the report has been prepared following the old NABET EIA manual and needs to be updated with the provisions of Version -3.

Accordingly, PP was asked to submit requisite documents, as under :

- (i) Declaration of proponent regarding the report as per the Version – 3 of NABET guidelines along with disclosure & declaration of the consultant with signature of Coordinator & all FAE's be submitted.
- (ii) ToR compliance status not included in the EIA report submitted to SEAC / SEIAA, point wise reply of ToR be submitted.
- (iii) Water use – ground water. This needs the reasons & clarity as well as. Only copy of online application to CGWB is enclosed as annexure. As per existing guidelines and rules EIA should be included duly signed and stamped application to CGWB. The NOC / approved from CGWB should be submitted before grant of EC.
- (iv) No diversion or realignment of nalla will be made – a commitment.
- (v) A certificate regarding the remediation plan prepared by an accredited Environmental Lab has been made with credentials.
- (vi) Though Damage assessment and remediation plan be submitted as a separate chapter but needs to be modified. The Natural Resource Augmentation Plan and Community Resource Augment Plan be made realistic, practicable and effective for the area.

The budgetary provisions made towards, the implementation plan be made along with action plan and time line provided. Allocation of budgetary allocation be readjusted and enhanced

- to 15% more to accommodate and satisfactory completion of the remediation measures & community development.
- (vii) Dredging & Disilting Plan of Dhurwa Dam as proposed by PP should be elaborated.
 - (viii) Remediation cost – Time line for implementation of the remediation plan be submitted.
 - (ix) Form-I, Form-IA & ToR data be checked & corrected.
 - (x) Remediation plan be made realistic as per the site.
 - (xi) Bank guarantee equal in amount to remediation plan, ad natural and community resource augmentation plan should be deposited in Jharkhand State Pollution Control Board and copy of the acknowledgment should be included in EIA.
 - (xii) Under the specific conditions the State Govt. / SPCB to take action against the PP under provision of Section 19 of the Environment (Protection) Act, 1986 initiation of the action is not in the knowledge the committee however, the EIA appraisal is being taken up under provision of MoEF&CC notification S.O. 1030(E), dated 08.03.18.

Once the requisite documents are submitted to SEAC, it will examine the case.

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

(Proposal No. : SIA/JH/MIS/102938/2019)

This has been identified as violation case as the proponent has started sit clearing, and other construction process prior to grant of EC.

The proponent applied to SEIAA for grant of EC on 23.04.18. The SEAC appraised the proposal in its 56th meeting dated 17-18 May, 2018 and directed the proponent to furnish additional requisite documents, proponent submitted the required document. The SEAC again considered the proposal in its 65th meeting 07-09 January, 2019 & site visit by all the member conducted then that the project has violated provisions of EIA notification 2006 by starting the construction activity without obtaining EC. Later, keeping in view that proponent had initiated process for obtaining EC. Proponent appealed to SEIAA to :

- (i) Exempt public hearing.
- (ii) Allow the proponent to continue construction of foundation considering the fact that monsoon is approaching. Inset of monsoon before the completion of foundation and other construction work below ground level will hamper greatly the progress of work & safety of site particularly where foundation pits were dug.

SEIAA / SEAC exempted public hearing as per the EIA notification, 2006 but rejected appeal to continue construction work. The proponent committed that the construction work has been stopped. Following SEAC recommended for issuance of ToR the guidelines of MoEF notification S.O. 1030 (E), dated 08.03.18. This notification of MoEF&CC states that –

(c) for sub-paragraph (5), the following sub-paragraph shall be substituted, namely:-
“(5) In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource

augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

for sub-paragraph (6), the following sub-paragraph shall be substituted, namely:-

“(6) The Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, as the case may be, shall stipulate the implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation as a condition of environmental clearance.”;

(e) for sub-paragraph (7), the following sub-paragraph shall be substituted, namely:-

“(7) The project proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution

Control Board and the quantification will be recommended by the Expert Appraisal Committee for category A projects or by the State or Union territory level Expert Appraisal Committee for category B projects, as the case may be, and finalised by the concerned Regulatory Authority, and the bank guarantee shall be deposited prior to the grant of environmental clearance and released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after recommendation by regional office of the Ministry, Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee and approval of the Regulatory Authority.”.

All these condition for violation cases were included in ToR for compliance by the PP. The PP submitted the EIA report with evaluation of Damage and remediation measures to be adopted alongwith cost estimates.

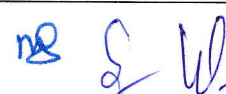
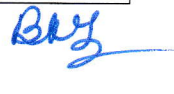
This is a violation case. The SEAC in its 65th meeting held on 07-09 January, 2019 recommended for ToR & take credible action as per the E (P) Act, 1986. The ToR was granted by SEIAA vide letter no. EC/SEIAA/2017-18/2069/2017/62, dated 07.02.2019 and the final EIA & EMP was submitted by PP to SEIAA on 25.04.19. The proposal was forwarded to SEAC by SEIAA on 25.04.2019.

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	Sri S.K. Sahu (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.

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Total built up area after expansion	34,624 Sq.m .		
Proposed construction area	34,624 Sq.m.		
Block wise built up area . ⁶	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.		
Water requirement	Construction Phase	Operation Phase	
	Potable : 3.5 KLD Construction : 65 KLD	Potable : 47 KLD	
	During operational phase 90 KLD of water will be used in flushing & gardening. This 90 KLD of water is treated water from STP.		
Source of water	Construction phase : Water tanker. Operational phase : Municipal water		
Domestic sewage generation	About 85KLD		
Disposal of sewage	Through Sewage Treatment Plant.		
Total solid waste generation	329.3 kg including 197.58 kg wet solid and 131.72 kg dry solid waste.		
Solid waste disposal facility	<p>The RMC has the facility to collect both Bio-degradable and dry solid waste collection.</p> <p>These two solid wastes will be segregated at the collection point by placing different coloured Bins.</p> <p>The sludge from the STP will be used as manure.</p>		

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Power requirement	Source : JSEB Construction Phase : 40 KVA Operation Phase : 1781 KVA (connected load – 2664 KW & Demand load 1781 KW) For D.G. Sets : 2x1000 KVA
Total project cost	Rs. 155 Crore

The representative of the project proponent and their consultant M/s Crystal Consultant have participated in the meeting and presented in detail the EIA / EMP and identified ecological damages caused due to violation action and the remedial measures to be adopted.

SEAC opines that the report has been prepared following the old NABET EIA manual and needs to be updated with the provisions of Version -3.

Accordingly, PP was asked to submit requisite documents, as under :

- (i) Declaration of proponent regarding the report as per the Version – 3 of NABET guidelines along with disclosure & declaration of the consultant with signature of Coordinator & all FAE's be submitted.
- (ii) ToR compliance status not included in the EIA report submitted to SEAC / SEIAA, point wise reply of ToR be submitted.
- (iii) Water use – ground water. This needs the reasons & clarity as well as. Only copy of online application to CGWB is enclosed as annexure. As per existing guidelines and rules EIA should be included duly signed and stamped application to CGWB. The NOC / approved from CGWB should be submitted before grant of EC.
- (iv) No diversion or realignment of nalla will be made – a commitment.
- (v) A certificate regarding the remediation plan prepared by an accredited Environmental Lab has been made with credentials.
- (vi) Though Damage assessment and remediation plan be submitted as a separate chapter but needs to be modified. The Natural Resource Augmentation Plan and Community Resource Augment Plan be made realistic, practicable and effective for the area.

The budgetary provisions made towards, the implementation plan be made along with action plan and time line provided. Allocation of budgetary allocation be readjusted and enhanced to 15% more to accommodate and satisfactory completion of the remediation measures & community development.

- (vii) Dredging & Disilting Plan of Dhurwa Dam as proposed by PP should be elaborated.
- (viii) Remediation cost – Time line for implementation of the remediation plan be submitted.
- (ix) Form-I, Form-IA & ToR data be checked & corrected.
- (x) Remediation plan be made realistic as per the site.
- (xi) Bank guarantee equal in amount to remediation plan, ad natural and community resource augmentation plan should be deposited in Jharkhand State Pollution Control Board and copy of the acknowledgment should be included in EIA.
- (xii) Under the specific conditions the State Govt. / SPCB to take action against the PP under provision of Section 19 of the Environment (Protection) Act, 1986 initiation of the action is not in the knowledge the committee however, the EIA appraisal is being taken up under provision of MoEF&CC notification S.O. 1030(E), dated 08.03.18.

Once the requisite documents are submitted to SEAC, it will examine the case.

vi. **LPG Bottling Plant of M/s Hindustan Petroleum Corporation Ltd. at Vill.-Konra, Tehsil : Barhi, Dist. : Hazaribagh.**

(Proposal No. : SIA/JH/IND2/35116/2019)

The proposal was considered by the committee to determine the "Terms of Reference (TOR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of the EIA Notification, 2006 and amendments thereafter. For this purpose the project proponent has submitted the prescribed Form - I & PFR the proposed project falls under item 6 (b) (Isolated storage & handling of hazardous chemicals) as per EIA notification, 2006.

Salient features of the project :

Particulars	Details
Company name	M/s Hindustan Petroleum Corporation Limited (HPCL)
New / Expansion / Modernization	New
Name of the applicant	Sri Pranay Kumar, DGM, LPG Region, Jamshedpur LPG RO.
Location	Khata no. : 38, 55, 36, 78, 21, 64, Plot No. : 13/B Barhi Industrial Area, Vill. : Konra, Thana no. : 72, Block : Barhi, Dist. : Hazaribagh. Latitude : 24° 18' 12.86" N Longitude : 85° 26' 18.48" E.
Total installed capacity	Construction of a new LPG bottling Plant of 120 TMTA capacity with 48 filling guns automatic electronic carousel with downstream facilities, LPG mounded bullet storage of 3x350 MT, 8 nos. of truck unloading bays and other allied facilities at Barhi, Hazaribagh.
Land required	26 acres
Green belt / Plantation area	8.8 acres (34% of the total plot area)
Estimated project cost	Rs. 16150 Lacs
Manpower requirement	Total manpower : 61
Nearest highway	The proposed plant is 35 km away from the Hazaribagh town and well connected by road. NH-2 is adjacent to proposed plot towards SW direction. NH -33 is about 2.5 km towards SW direction.
Nearest Railway station / Airport	Nearest railway station is Barhi about 3 km from project site. Nearest airport is Ranchi about 110 km from project site.
Nearest major city	Barhi – 2 km away in West direction.
Rivers in 10 km radius	Barakar river is about 5.7 km North West direction.
Total water requirement	20 KLD water requirement will be met through Bore well.
Total power requirement	The power requirement for plant operations is 500 KVA. Power will be drawn from the nearest substation of Jharkhand State Electricity Board. Details of D. G. sets

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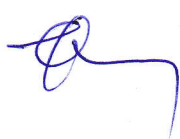
	Capacity (KVA)	Number	Fuel used	Stack diameter
	500	1	HSD BS III	12
	125	1	HSD BS III	705

Basic Process Parameters

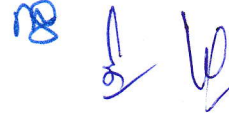
Particulars	Proposed plant
Storage capacity	3x350 MT
Volumetric Water Capacity each vessel	700 m ³
Plant layout & fire fighting system	As per OISD -144
Liquid to be handled	LPG
Density of LPG	0.5 gm/cm ³
Design code	BS 5500 (Latest edition)
Design pressure	14.5 kg/cm ² gauge at Top 1.856 kg / cm ² gauge
Radiography	100 % before and after post weld heat treatment.
Operating pressure	8-9 kg /cm ² , ambient
Hydraulic test pressure	As per code
Design temperature	-27° C to + 55° C
Corrosion allowance	1.5 mm
Wet fluorescent magnet particle testing	Required
Hardness checking of Heat Affected Zone (HAZ)	Required after PWHT
Mapping of plate thickness	Required
Joint efficiency	1
Length of pressure vessel	33000 mm (approx.)
Diameter of vessel	6000 mm
Post Weld Heat Treatment (PWHT)	Required
Wet fluorescent magnetic particle testing	Required after PWHT
Cylinder capacity to be filled	5 / 14.2 / 19 / 35 / 47.5 / 5 / 450 (kg)
Product receipt	By road
LPG cylinder sheds	Yes
Property land demarcation	Yes
Licensed area demarcation	Yes
No. of tank lorry unloading bays	8
Captive power generating sets	2

DFO, Hazaribagh West vide letter no. 1211, dated - 11.03.19 certified that the distance of Battery Point as shown in the map in plot no. 1531 is 256 meters from nearest PF i.e. Konra. However, plot no. 1489, 1528, 1527, 1530, 1532, 1533 & 1529 of the project site are adjoining to Konra Protected Forest at a distance of Zero (0) meters. DFO, Wildlife Hazaribagh vide letter no. 2217, dated - 12.12.18 certified that the distance of Battery Point from Notified Wildlife Sanctuary Hazaribagh is 13000 m and proposed project is not situated in any ESZ.

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PP and the consultant presented the case and confirmed that the project area is at a distance of Zero (0) meters and the NH-2 is passing adjacent to the site and the same information is being recorded in the Form-I & Pre-Feasibility Report too.

This project is categorized admittedly as a Hazardous Industry. The said industry is kept under the "Red Category" vide CPCB guideline dated 07.03.2016. The proposed project site is adjacent to notified forest and national highways. Hence, establishment of the proposed project industry to these features viz NH-2 and notified forest, would be against the provisions of Environment (Protection) Act, 1986 and as per the provisions contained in guidelines approved by SEIAA regarding minimum distance of project site from notified forest.

Hence, the Committee does not recommend issuing of TOR for the case.

vii. **Aktadih Stone Mine Project of M/s Dilip Buildcon Ltd, Vill. : Aktadih, P.O. : Bagodar, Dist. : Giridih (0.80 ha)**
(Proposal No. : SIA/JH/MIN/3089/2019)

This is a Stone Mining Project with an area of 0.80 Ha [Khata no. 313, Plot No.- 199]. The latitude and longitude of the project site is 24° 7' 25.63" N to 24° 7' 19.59" N and 85° 43' 25.21" E to 85° 43' 22.79" E. The nearest railway station is Chaube at a distance of 15 km and the nearest airport is Ranchi at a distance of 98 km . Total water requirement is about 1.22 KLD (Drinking & domestic : 0.67 KLD, Afforestation / Greenbelt : 0.26 KLD & Dust suppression : 0.29 KLD). The drinking & domestic water need will be fulfilled by taking water from nearby village like Aktadih tube well & nearest nadi 3.25 km in SE direction. As soon as mine void is former water for greenbelt and dust suppression will be met from water accumulated in mine void. For the purpose of dust suppression & afforestation water of nearby ponds and rain water harvesting will be used.

The indicated project cost is Rs 259.29 Lakh and a provision of Rs 4.75 Lakh has been indicated for Environment management.

The details of mine capacity as per Approved Mining Plan are

Proved Mineral Reserve : 74,400 cum

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

1 st Year	:	42,2400 cum
2 nd Year	:	Nil
3 rd Year	:	Nil

The daily production as per Mine Plan is 140.80 cum.

DFO, Hazaribagh East vide letter no. 4076, dated - 15.10.18 certified that the distance of notified forest is 370 m from proposed project site & DFO, Wildlife Hazaribagh vide letter no. 561, dated - 19.03.19 certified that the distance of battery point from Notified Wildlife Sanctuary Hazaribagh is 20900 m and not within 10 km from National Park, Bio-Diversity & Wildlife Sanctuary and not proposed project situated in any Eco Sensitive Zone from proposed project site. The CO, Bagodar vide letter no. 847, dated - 09.10.18 has mentioned the plot no. of the project site is not recorded as Jangal Jhari in R.S. Khatiyani.


DMO, Giridih vide memo no. 63, dated 19.01.19 certified that any other lease is not within 500 m radius from proposed project site, wherein this site is not available.

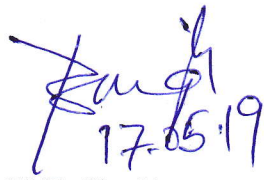
Regarding DSR of the district, it was found that an uploaded DSR in soft and hard copy is available in the SEIAA / SEAC office.


SEAC opined that the M.S, SEAC will get clarification from the DC, Giridih of the area and based on this final decision will be made, once the reply is received.

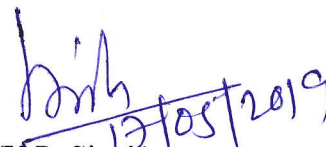
The SEAC decided to convene next meeting on 27th -29th May, 2019 in order to comply the Hon'ble NGT order dated 29.04.19.


The meeting concluded with thanks to all present.



(Dr. V.P. Sinha)
Member

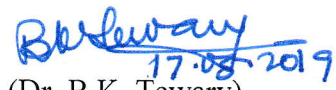

(Y.K. Singh)
Member


(S.P. Srivastava)
Member


(U.P. Singh)
Member


(M.S. Bhagwat)
Member


(Om Prakash)
Member Secretary


(Dr. B.K. Tewary)
Vice Chairman