

# कार्यालय वनमण्डलाधिकारी, रायगढ़ वनमण्डल, रायगढ़ (छ.ग.)

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क्रमांक/तक.अधि./ 601

/2022/रायगढ़, दिनांक - 06/05/2022

प्रति,

मुख्य वन संरक्षक,  
बिलासपुर वृत्त,  
बिलासपुर (छ.ग.)

**विषय :-** Diversion of forest land for non-forest purpose under Forest Conservation Act, 1980 proposed for the Gare Pelma Sector -II Coal Block has been allotted to Maharashtra State Power Generation Company Limited (MAHAGENCO) Coal block is located in the Mand Raigarh coalfield of Raigarh district, Chhattisgarh area - 214.869 ha. - regarding.

**संदर्भ :-** 1. अपर प्रधान मुख्य वन संरक्षक (भू-प्रबंध/व.सं.अ.) का पत्र क्रमांक/भू-प्रबंध/खनिज/331-245/959 रायपुर दिनांक 26.04.2022  
2. महाराष्ट्रा स्टेट पावर जनरेशन कंपनी लिमि. का पत्र क्रमांक/ई.डी./जी.पी.-2/एफ.सी./167 दिनांक 04.05.2022

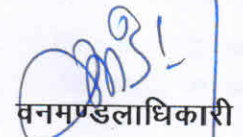
विषयांतर्गत Maharashtra State Power Generation Company Limited (MAHAGENCO) द्वारा रायगढ़ जिले के रायगढ़ वनमण्डल अंतर्गत Gare Pelma Sector -II Coal Block हेतु कुल क्षेत्र 214.869 हे., वन भूमि के गैर वानिकी कार्य हेतु वन संरक्षण अधिनियम, 1980 अन्तर्गत व्यपवर्तन प्रस्ताव कार्यालयीन पत्र क्रमांक/तक.अधि./1315 रायगढ़ दिनांक 05.10.2021 द्वारा प्रेषित की गयी है। उक्त व्यपवर्तन प्रस्ताव में भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली के पत्र क्रमांक/F. No. 8-06/2022-FC दिनांक 22.04.2022 द्वारा 11 बिन्दुओं की अतिरिक्त जानकारी चाही गयी है, जिसकी आवेदक संस्थान से संबंधित बिन्दुओं की जानकारी आवेदक संस्थान से प्राप्त कर एवं वनमण्डल से संबंधित बिन्दुओं की जानकारी निम्नानुसार है:-

क्र.	चाही गयी जानकारी	अद्यतन जानकारी
i	Given the density of 0.5 of the 214.869 ha of forest land, number of project affected trees reported as 3684 appears to have been estimated on lower side. The same needs to be reconfirmed by the State.	व्यपवर्तन प्रस्ताव Maharashtra State Power Generation Company Limited (MAHAGENCO) द्वारा रायगढ़ जिले के रायगढ़ वनमण्डल अंतर्गत Gare Pelma Sector -II Coal Block हेतु कुल क्षेत्र 214.869 हे. प्रकरण में कार्यालयीन पत्र क्रमांक/तक.अधि./829 रायगढ़ दिनांक 13.03.20218 द्वारा मौका आधारित वृक्ष गणना करने हेतु वन परिक्षेत्राधिकारी तमनार को लेख किया गया था। वन परिक्षेत्राधिकारी तमनार के प्रतिवेदन क्रमांक/तमनार/848 दिनांक 16.09.2019 द्वारा वृक्ष

		<p>गणना रिपोर्ट प्रस्तुत किया गया है, जिसके अनुसार मौका स्थल में कुल 3684 नग खड़े वृक्ष पाये गये हैं। आवेदित क्षेत्र में प्रभावित कक्ष क्रमांक क्रमशः 732 पी. एफ., 740 पी.एफ., 741 पी.एफ., 744 पी.एफ., 745 पी. एफ. की वन कक्ष घनत्व 0.4 से 0.5 है। कम्पार्टमेंट मैप की प्रति के साथ मार्किंग बुक की छायाप्रति संलग्न।</p> <p><b>ANX-1 Page No. 01 to 162</b></p>
ii	<p>Kelo river is flowing adjacent to the mining area for which the provisions of embankment have been proposed by the State. However, comments of the Water Resource Department on the proposed measures and impact of the project on the hydrological regimes in the area have not been submitted.</p>	<p>This matter is already discussed &amp; elaborated during the EAC meeting and same has been considered by committee as under:</p> <p><i>"2.1.2(Page-BJ: The committee also noted that project has made adequate arrangements for embankment all along the western &amp; eastern banks of Kelo. The height free board, alignment and design has been prepared for the bund and given in the 'Hydrology Study &amp; Embankment Design by Mis. Min Mec Consultancy Pvt. Ltd which is one of the reputed and recognized consultant in the country'</i></p> <p>Copy of the report along with the Minutes of EAC meeting is enclosed as Recommendation of Hydrology study &amp; embankment design will be implemented under the supervision of state water resource department during the project execution <b>ANX-2 Page No. 163 to 234</b></p>
iii	<p>Approach road has also been proposed to be diverted, detail of forest land, if any involved in the proposed diversion of road could not be known from the detail provide in the proposal.</p>	<p>The proposed diversion of approach road is using the area within the Mining Block of GPII. No additional land outside the block boundary is needed for diversion of the road and No further forest land outside the block boundary is involved.</p> <p>Map showing the road diversion in the block is enclosed. <b>ANX-3 Page No. 235 to —</b></p>
iv	<p>Site suitability certificates from the DCF concerned, certifying the suitability of non-forest land for raising CA, have not been submitted and uploaded online.</p>	<p>उक्त व्यपवर्तन प्रकरण गारे पेलमा कोल ब्लॉक सेक्टर-2 रकबा 214.869 हे. के एवज में क्षतिपूर्ति वृक्षारोपण हेतु निजी भूमि का चयन ग्राम-नटवरपुर, बंगुरसिया एवं चक्रधरपुर में कुल 214.938 हे. का चयन किया गया है। क्षतिपूर्ति वृक्षारोपण हेतु चयनित निजी भूमि का उपयुक्तता प्रमाण पत्र कार्यालयीन पत्र क्रमांक/तक.अधि./4520 रायगढ़ दिनांक 23.08.2021 द्वारा प्रदान किया गया है। प्रस्तावित निजी भूमि का खसरा विवरण सहित उपयुक्तता प्रमाण पत्र ऑनलाईन परिवेश पोर्टल में अपलोड कर दिया गया है। <b>ANX-4 Page No. 236 to 240</b></p>
v	<p>Cost benefit analysis indicating the CB ratio of 1:48.2 has been submitted which appears to be exorbitantly high. The same needs to</p>	<p>The cost benefit analysis for the project has been calculated as per MoEF&amp;CC . Circular No. 7-69/2011-FC(Pt.) dt 01.08.2017 (Enclosed as Annexure-5). The ratio has been drawn from</p>

	be revisited and estimated using appropriate techno-economic tools for estimation of all parameters and their discounting to arrive at same values of cost and future benefits.	said calculation. Reason for high-cost benefit analysis is explained and enclosed <b>ANX-5 Page No. <u>241</u> to <u>247</u></b>
vi	Area specific provisions for the conservation and protection of wildlife have not been discussed in the Wildlife Management Plan, approved by 'the PCCF (WL). Accordingly, the State Government may update the recommendations made in the Wildlife Management Plan, based on wildlife census data and other relevant field data of the area and accordingly provisions provided in the Wildlife Management Plan may be revised with ratification from the relevant institute of repute.	मेसर्स महाराष्ट्रा स्टेट पावर जनरेशन कंपनी लिमि. द्वारा परिक्षेत्र तमनार में रायगढ़ वनमण्डल अंतर्गत गारे पेलमा कोल ब्लॉक सेक्टर-2 कुल रकबा 214.869 हे. हेतु भारत सरकार द्वारा जारी पत्र दिनांक 08.08.2016 के शर्त क्रमांक 4 (3) में अधिरोपित शर्त के पालन में वन्यप्राणी संरक्षण योजना प्रस्तुत किया गया था, जिसका अनुमोदन प्रधान मुख्य वन संरक्षक (वन्यप्राणी) के आदेश क्रमांक/व.प्रा./प्रबंध-494/12 रायपुर दिनांक 20.01.2021 द्वारा प्राप्त हुआ है। उक्त वन्य प्राणी संरक्षण एवं प्रबंधन योजना में क्षेत्र आधारित वन्यजीवन रहवास सुधार, क्षेत्रांतर्गत पाये जाने वाले वन्यजीवों के संरक्षण, मृदा एवं जल संरक्षण कार्य, चारागाह विकास तथा जन जागरुक आदि कार्यों का सम्मिलित कर योजना तैयार किया गया है। अनुमोदित वन्यप्राणी संरक्षण योजना में दर्शाये गये घटको के संगत फील्ड में किये जाने वाले कार्यों का कार्यवार/स्थलवार प्राक्कलन तैयार कर व्यय नार्मस, कार्य की प्रकृति, वन्यप्राणी प्रबंधन के संबंध में लागू होने वाले अन्य तकनीकी तथ्यों एवं अनुदेशों के अनुरूप कार्य किया जावेगा। <b>ANX-5 (A) Page No. <u>247(A)</u> to <u>247(B)</u></b>
vii	As per land use provided in the Mining Plan total forest area involved in the mining lease is 211.319 ha, comprising of 75.945 ha of PF and 135.374 ha of Revenue Forest land, instead of 214.869 ha as proposed for diversion. Discrepancy in the area needs to be rectified by the State and accordingly land use in the Mining Plan should be amended.	Mining plan has been approved on 12th Aug 2016 with the total land for the block area of 2583.487 Ha. The state mining dept. while providing previous approval dt. 24th Feb 2018 has provided actual detail of the land heads in the total area of 2583.487 Ha. The total land Area of the block remain same in both Mining Plan and previous approval. Only land type has been changed, hence 211.319 Ha increased to 214.869 Ha. The same has also been mentioned in the EC proposal and EAC committee has also recommended the same. However, revised area will be incorporated in the subsequent revision of the mine plan. Copy of Mining Plan approval letter, Previous Approval, Minutes of EAC Meeting is enclosed as <b>ANX-6 Page No. <u>248</u> to <u>264</u></b>
viii	KML files indicating the different components of the projects have not been submitted along with the	प्रस्तावित परियोजना का घटकवार के.एम.एल. फाईल अपलोड कर दिया गया है।

	submitted conspicuously depicting the various projects component vis-a-vis total lease area.	
ix	KML files and afforestation scheme of the degraded forest land proposed for afforestation in lieu of 1.5 times the area of safety zone have not been provided in the proposal. The same needs to be submitted along with the afforestation scheme and suitability certificate	उक्त व्यपवर्तन प्रस्ताव हेतु सेफ्टी जोन क्षेत्र का रकबा 18.920 हे. है जिसका 1.5 गुना क्षेत्र रकबा 29.730 हे. बिगड़े वनक्षेत्र का चयन कर वृक्षारोपण योजना तैयार कर मय मानचित्र एवं के.एम.एल. फाईल के साथ संलग्न कर दिया गया है। <b>ANX-7 Page No. 265 to 313</b>
x	Detail of degraded forest land identified for afforestation of trees which could not be planted in the MDF area of 84 of non-forest land, has not been provided by the State. The same needs to be submitted along with the afforestation scheme and suitability certificate.	चयनित क्षतिपूर्ति वृक्षारोपण हेतु उपयुक्त गैर वनक्षेत्र का विस्तृत विवरण संलग्न है। गैर वनक्षेत्र में विरल जड़ भंडार की सफाई कर वृक्षारोपण कार्य की जावेगी। वृक्षारोपण योजना भाग-4 प्रमाण पत्र (उपयुक्तता प्रमाण पत्र) के साथ संलग्न है। <b>ANX-8 Page No. 314 to -</b>
xi	Detail of coal evacuation plan and involvement of forest land, if any, may be also be intimated by the State.	During the initial period coal will be evacuated through, Bhalumuda railway station of Chhattisgarh East Railway limited (CERL), which is adjacent from the GP-II coal block. This station is now operational for loading and has been notified as goods shed since 07.03.2022. Copy of notification is enclosed as Annexure-6. There is no forest land involved in the coal evacuation process of GP- II coal block. <b>ANX-9 , Page No. 315 to 316</b>

  
वनमण्डलाधिकारी

रायगढ़ वनमण्डल, रायगढ़

पृ. क्रमांक/तक.अधि./ 602

/2022/रायगढ़, दिनांक :- 06/05/2022

प्रतिलिपि :-

1. अपर प्रधान मुख्य वन सँरक्षक (भू-प्रबंध/व.सं.अ.) अटल नगर रायपुर (छ.ग.) की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु संप्रेषित।
2. मुख्य वन संरक्षक, बिलासपुर वृत्त बिलासपुर (छ.ग.) की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
3. Executive Engineer (Addle) (Coal), महाराष्ट्रा स्टेट पावर जनरेशन कंपनी लिमि., गारे पेलमा कोल माईंस सेक्टर-2 विद्युत भवन, कटोल रोड नागपुर 440013 को सूचनार्थ प्रेषित।

  
वनमण्डलाधिकारी

रायगढ़ वनमण्डल, रायगढ़

**Dr. Nitin S. Wagh**

Executive Director (E&S)

ED (E&S/GP)/GP-II/FC/167

To,

**Divisional Forest Officer (DFO),**

Raigarh Forest Department

Raigarh (Chhattisgarh)



**MAHAGENCO**

Maharashtra State Power Generation Co. Ltd.

Date - 04.05.2022

**Sub:** Diversion of Forest land for non-Forest purpose under Forest conservation Act, 1980 proposed for the Gare Palma Sector II coal block allocated to Maharashtra State Power Generation Company limited (Mahagenco) Coal Block is located in Mand Raigarh Coal field of Raigarh District, Chattisgarh- 214.869 ha - **Reg reply to Essential Detail sought (EDS) of MoEF & CC on Forest Diversion Proposal of GP II Coal mine**

Ref:

1. MoEF & CC letter no F No.-8-06/2022-FC dated 22.04.2022 to Principal Secretary (Forest) GoCG.
2. Principal Chief Conservator of Forests (PCCF), Raipur letter no.959 dated 26.04.2022 to DFO Raigarh.
3. Your office letter no.2081 dated 27.04.2022

Dear Sir,

Vide letter at Ref '3', Mahagenco has been informed that MoEF&CC vide letter dated 22.04.2022 has raised xi number of EDS from state recommended Forest Diversion proposal of Gare Palma Sector II Coal Mine. Further Mahagenco was directed to provide compliance on the EDS point no. ii, iii, v, vii & xi.

It is to submit that Mahagenco has already provided the required details during the final submission of the proposal. However, we are herewith submitting Point wise reply to the EDS are below-

Sn	Observation	Reply
(ii)	Kelo river is flowing adjacent to the mining area for which the provisions of embankment have been proposed by the State. However, comments of the Water Resource Department on the proposed measures and impact of the project on the hydrological regimes in the area have not been submitted.	<p>This matter is already discussed &amp; elaborated during the EAC meeting and same has been considered by committee as under:</p> <p><i>"2.1.2(Page-8): The committee also noted that project has made adequate arrangements for embankment all along the western &amp; eastern banks of Kelo. The height free board, alignment and design has been prepared for the bund and given in the 'Hydrology Study &amp; Embankment Design by M/s. Min Mec Consultancy Pvt. Ltd which is one of the reputed and recognized consultant in the country'</i></p> <p>Copy of the report along with the Minutes of EAC meeting is enclosed as Annexure-1.</p>



		Recommendation of Hydrology study & embankment design will be implemented under the supervision of state water resource department during the project execution
(iii)	Approach road has also been proposed to be diverted, detail of forest land, if any involved in the proposed diversion of road could not be known from the detail provide in the proposal.	<p>The proposed diversion of approach road is using the area within the Mining Block of GPII. No additional land outside the block boundary is needed for diversion of the road and No further forest land outside the block boundary is involved.</p> <p>Map showing the road diversion in the block is enclosed as Annexure-2</p>
(v)	Cost benefit analysis indicating the CB ratio of 1:48.2 has been submitted which appears to be exorbitantly high. The same needs to be revisited and estimated using appropriate techno-economic tools for estimation of all parameters and their discounting to arrive at same values of cost and future benefits.	The cost benefit analysis for the project has been calculated as per MoEF&CC Circular No. 7-69/2011-FC(Pt.) dt 01.08.2017 (Enclosed as Annexure-3). The ratio has been drawn from said calculation. Reason for high-cost benefit analysis is explained and enclosed as Annexure-4.
(vii)	As per land use provided in the Mining Plan total forest area involved in the mining lease is 211.319 ha, comprising of 75.945 ha of PF and 135.374 ha of Revenue Forest land, instead of 214.869 ha as proposed for diversion. Discrepancy in the area needs to be rectified by the State and accordingly land use in the Mining Plan should be amended.	<p>Mining plan has been approved on 12<sup>th</sup> Aug 2016 with the total land for the block area of 2583.487 Ha. The state mining dept. while providing previous approval dt. 24<sup>th</sup> Feb 2018 has provided actual detail of the land heads in the total area of 2583.487 Ha. The total land Area of the block remain same in both Mining Plan and previous approval.</p> <p>Only land type has been changed, hence 211.319 Ha increased to 214.869 Ha. The same has also been mentioned in the EC proposal and EAC committee has also recommended the same. However, revised area will be incorporated in the subsequent revision of the mine plan. Copy of Mining Plan approval letter, Previous Approval, Minutes of EAC Meeting is enclosed as Annexure-5.</p>
(xi)	Detail of coal evacuation plan and involvement of forest land, if any	During the initial period coal will be evacuated through, Bhalumuda railway station of



	may be intimated by the state.	<p>Chhattisgarh East Railway limited (CERL), which is adjacent from the GP-II coal block. This station is now operational for loading and has been notified as goods shed since 07.03.2022. Copy of notification is enclosed as Annexure-6.</p> <p>There is no forest land involved in the coal evacuation process of GP-II coal block.</p>
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In view of the above, it is requested to kindly submit the reply to EDS at the earliest; so that Mahagenco can take up forest clearance proposal of Gare Palma Sector-II Coal Mine with MoEF & CC in the upcoming Forest Advisory Committee meeting (FAC).

With Regards,

Enclosure: As above

Yours Sincerely

Executive Director (E&S and GP)



Copy s.w.r.to:

- 1) The Chief Conservator of Forest, Bilaspur, Chhattisgarh.