

Environment Clearance for Parsa Opencast Coal Mine Project of 5 MTPA and pit head coal washery of 5 MTPA

1. Clarification to **para 26.1.4 point-(i) of agenda Item 26.1** of Minutes of the meeting of the EAC (Thermal & Coal Mining) held on 15th -16th February, 2018 regarding **undertaking for authenticity of data and facts mentioned in the EIA/EMP reports.**



RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD.

(A Govt. Of Rajasthan Undertaking)

Corporate identity Number (CIN)-U40102RJ2000SGC016484

Regd. Office & H.O. Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur – 302 005.

Tele Fax No. 0141-2744927, 2740006, Email: fuel.rvun@gmail.com



No. RVUN/CE (Fuel)/ DyCE(Fuel)/D. 929

Dated: 21.5.18

Sh.S.K. Srivastava,
The Director I-II (M), Coal Mining Division &
Member Secretary, Expert Appraisal Committee,
Ministry of Environment Forests & Climate Change,
Indra Paryavaran Bhawan,
Jor Bagh Road, New Delhi -110 003

Sub:- Expert Appraisal Committee (Thermal & Coal Mining) meeting held on 15-16 February, 2018 for Parsa opencast coal mine project of 5 Mtpa and Pit Head Coal Washery of 5 Mtpa of M/s Rajasthan Rajya Vidyut Utpadan Nigam Ltd in District Sarguja & Surajpur (Chhattisgarh) - For EC Reg.

Ref:-Minutes of meeting of EAC (Thermal & Coal Mining)-Agenda item no. 26.1, para 26.1.4(i).

Dear Sir,

This is in reference to Minutes of the Expert Appraisal Committee (Thermal & Coal Mining) meeting held on 15-16 February, 2018 for Parsa opencast coal mine project of 5 Mtpa and Pit Head Coal Washery of 5 Mtpa of M/s Rajasthan Rajya Vidyut Utpadan Nigam Ltd in District Sarguja & Surajpur (Chhattisgarh).

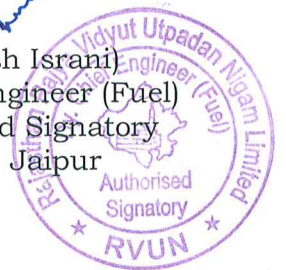
In this regard, please find enclosed herewith the Undertaking desired at Agenda item no. 26.1, para 26.1.4(i) for kind consideration & further needful please.

Thanking you,

Encl. As above

Yours Sincerely,

(Prakash Israni)
Dy. Chief Engineer (Fuel)
Authorized Signatory
RVUN, Jaipur





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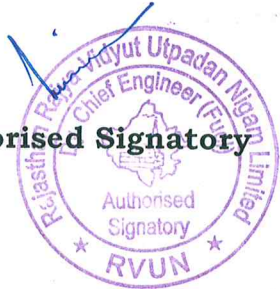


UNDERTAKING

M/s. Rajasthan Rajya Vidyut Utpadan Nigam Limited (RVUNL), Rajasthan, certifies that work for preparation of Environmental Impact Assessment as per Terms of References (no. J-11015/76/2016-IA.II (M) dated 23rd March 2017) granted by Ministry of Environment, Forest & Climate Change (MoEF&CC) for the proposed **Parsa Open Cast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA** with an area of 1252.447 ha, Tehsil Udaypur District Surguja & Tehsil Premnagar District Surajpur, Chhattisgarh was awarded to **Vimta Labs Limited**, 142, IDA, Phase-II, Cherlapally, Hyderabad-500051 & RVUNL entrusted Vimta Labs Limited to carry out baseline study and all the works related to EIA Report preparation.

I on behalf of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited (RVUNL), Rajasthan undertakes that Environmental Impact Assessment Report for the Proposed Parsa Open Cast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA with an area of 1252.447 ha , Tehsil Udaypur District Surguja & Tehsil Premnagar District Surajpur , Chhattisgarh has been prepared in line with the production details given in the approved Mine Plan and conditions stipulated in Terms of References granted by MoEF&CC. Environment baseline data used in the EIA/EMP Report are factually correct to the best of our knowledge and M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited owns the EIA Report and will be responsible for any discrepancy found in the said report in future.

Authorised Signatory



Environment Clearance for Parsa Opencast Coal Mine Project of 5 MTPA and pit head coal washery of 5 MTPA

2. Clarification to **para 26.1.4 point-(ii) of agenda Item 26.1** of Minutes of the meeting of the EAC (Thermal & Coal Mining) held on 15th -16th February, 2018 regarding **Comments from the State Tribal Welfare Department for permission/concurrence from Gram Sabha/Tribal Population under PESA and impact on livelihood of tribal population.**



RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD.

(A Govt. Of Rajasthan Undertaking)

Corporate Identity Number (CIN)-U40102RJ2000SGC016484

Regd. Office & H.O. Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur - 302 005.

Tele Fax No. 0141-2744927, 2740006, Email: fuel.rvun@gmail.com



No. RVUN/CE (Fuel)/ DyCE(Fuel)/D. 999

Dated: 30.05.18

The Member Secretary
(Thermal & Coal Mining Projects)
Ministry of Environment, Forests & Climate Change (MoEF&CC)
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003

Sub:- Clarifications sought by Expert Appraisal Committee (Thermal & Coal Mining) in its meeting held on 15th February 2018 for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in Districts Surguja & Surajpur (Chhattisgarh) - For Environment Clearance

Ref:- Minutes of meeting of Expert Appraisal Committee (Thermal & Coal Mining) held on 15th February 2018 (Please refer Agenda Item No. 26.1, para 26.1.4 (ii))

Dear Sir,

This is in reference to minutes of the meeting of the Expert Appraisal Committee (EAC- Thermal & Coal Mining) held on 15th February, 2018 regarding proposal for grant of Environmental Clearance for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA (Agenda Item No. 26.1). In the said meeting, EAC desired comments from State Tribal Welfare Department (Please refer Agenda Item No. 26.1, para 26.1.4 (ii) of minutes of meeting-copy enclosed as Annexure-I):-

"(ii) Comments from the State Tribal Welfare Department regarding permission for the project from Gram Sabha, impact on livelihood of tribal population, and their concurrence as per the provisions of the Panchayats Extension to Scheduled Areas Act, 1996 (PESA Act) as applicable in the instant case."

RVUNL vide letter no. RVUN/CE(Fuel)/DyCE(Fuel)/D.620 dated 6th April 2018 (Copy enclosed as Annexure-II) requested State Tribal Welfare Department to provide its comment on the above query raised by EAC. State Tribal Welfare Department has forwarded RVUNL letter to Collector, District Surguja & Surajpur vide letter no. 4222/563/2018/25-2 dated 18th May 2018 (Copy enclosed as Annexure-III) seeking their clarifications on points:-

- (i) Permission of project from Gram Sabha,
- (ii) Impact on livelihood of Tribal Population,
- (iii) Concurrence of Tribal Population as per the provisions of the PESA.

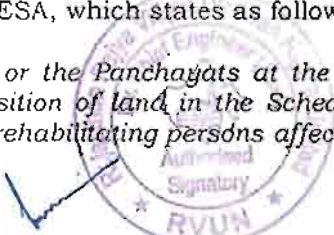
With reference to above comments of EAC, RVUNL would like to submit following for kind consideration-

A. Permission/concurrence of Gram Sabha/Tribal Population as per the provisions of PESA-

In light of query raised by EAC with respect to permission/concurrence of Gram Sabha/Tribal Population as per the provisions of PESA for Parsa Opencast Coal Mine Project, we would like to submit following-

- i) PESA was enacted by the Parliament to extend the provisions of Part IX (dealing with establishments of local self-government institutions such as panchayats and gram sabhas) of the Constitution ("Part IX") to the Scheduled Areas. Section 4 of PESA prohibits the State legislatures from making any law under Part IX of the Constitution, which is inconsistent with the provisions of Section 4(a) to Section 4(o) of PESA, including Section 4(i) of PESA, which states as follows:

" ... (i) the Gram Sabha or the Panchayats at the appropriate level shall be consulted before making the acquisition of land in the Scheduled Areas for development projects and before re-settling or rehabilitating persons affected by such projects in the Scheduled



Areas; the actual planning and implementation of the projects in the Scheduled Areas shall be coordinated at the State level;... "

- ii) The requirement to comply with Section 4(i) of PESA, which provides for consultation with the gram sabha or the panchayat, has been deliberated upon by the courts in several cases. In this regard, it is pertinent to note the ruling of the High Court of Chhattisgarh in the case of Radheshyam & 28 Ors. v. State of C. G. & Ors. ("Radheshyam Case"), wherein the court, while rejecting the argument of the petitioner that the acquisition of land falling within Scheduled Area of the Binj Kot village is void on account of failure to consult and seek concurrence from the gram sabha under Section 4(i) of PESA, concurred with the view taken by the High Court of Madhya Pradesh ("MP High Court") in the case of Narmada Bachao Andolan v. State of MP ("Narmada Case"), wherein the MP High Court held that:

"... in the absence of any special provision in the Adhiniyam, 1993 requiring consultation with the Gram Sabha or Panchayats at the appropriate level before making acquisition of land in the Scheduled Areas for development projects, the court cannot issue a direction or mandamus to Respondent No. 1 to consult the Gram Sabha before acquisition of land or before rehabilitation and re-settlement of persons affected by a development project in Scheduled Areas nor can the Court hold that the acquisitions of lands in Scheduled Areas without consultation with the Gram Sabha in accordance with section 4(i) of the PESA Act are null and void."

- iii) In view of the above, in the absence of any provision relating to consultation with the gram sabha or panchayats (as per Section 4(i) of PESA) under the specific State law, the same would not be applicable to that particular State. In the present instance, the State of Chhattisgarh has not enacted any provision, in accordance with Section 4(i) of PESA in the Chhattisgarh Panchayat Raj Adhiniyam, 1993 ("Chhattisgarh Panchayat Act"). Accordingly, the specific provisions of PESA (dealing with the requirements of gram sabha consultation) would not be applicable in the State of Chhattisgarh.
- iv) Further, the Parliament has enacted the Coal Bearing Area (CBA) Act providing for the acquisition of land containing or likely to contain coal deposits pursuant to the powers granted to the Union in Article 246(1) read with Entry 54 of List I, Seventh Schedule of the Constitution. In the Parsa Coal Block, as the land (including Scheduled Area lands) is proposed to be acquired under the CBA Act, the applicability of PESA over such lands acquired would have to be examined. In Naresh Singh & Ors. v. Union of India & Ors. ("Naresh Singh Case"), the MP High Court, while holding that the provisions of PESA would not apply to an acquisition under CBA Act, observed as follows:

"It will be clear from the language used in Section 4 of the 1996 Act (i.e. PESA) that the embargo therein is not on Parliament but on Legislature of a State but the acquisition of land in the Scheduled Areas in the present case for mining by SECL is under law made by Parliament, namely, the 1957 Act (i.e. CBA Act) or the 1894 Act and Section 4(i) of the 1996 Act does not apply to such acquisition."

This was reinforced in the Sarthak Srijanatmak Sanstha v. Union of India & Ors. wherein the issue of mandatory nature of PESA vis-a-vis CBA Act was raised and the High Court of Chhattisgarh concurred with the Naresh Singh Case.

- v) In conclusion, as Section 4(i) of PESA has not been incorporated into the Chhattisgarh Panchayat Act and taking into consideration the aforementioned case laws dealing with the subject matter, it may be concluded that acquisition of coal bearing lands would be governed by the CBA Act and therefore the provisions of PESA would not apply.

In view of the above facts, it is clear that permission/concurrence of Gram Sabha/Tribal Population as per the provisions of PESA, is not required for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA.

However, it is pertinent to mention that, No objection Certificate (NOC) has been granted by all six villages Salhi, Ghatbarra, Hariharpur, Fatehpur of Udaypur Tehsil, Surguja District & Janardanpur & Tara of Premnagar Tehsil, Surajpur District under provisions of Forest Rights Act (FRA) 2006 for diversion of forest land. Subsequently, District Collector, Surguja & Surajpur issued NOC under FRA for the project vide letter no. 4896 dated 13th February 2018 and no. 172 dated 27th March 2018 respectively (Copy of the FRA NOCs of DC Surguja & Surajpur along with NOC from concerned Gram Sabha enclosed as Annexure-IV)



Moreover, during public hearings held on 29th October 2017 in Surguja District and 12th November 2017 in Surajpur District, the villagers of all the six villages supported the project and were convinced that the project will bring improvement to their living standard by providing basic amenities like education, health and will generate employment for the local villagers.

In view of the above, it is evident that though under provisions of PESA concurrence/permission of Gram Sabha/Tribal Population is not required still sufficient consultation from villagers/Gram Sabha has been done under provisions of FRA as well as EIA Notification for Parsa Coal Block.

B. Impact on livelihood of tribal population -

Welfare measures related to Sustainable Livelihood (which includes Agriculture, horticulture, fisheries, animal husbandry, food security, skill development etc.), Health, education etc. are proposed under Corporate Social Responsibility (CSR) Programme. Total estimated budget has been kept at Rs. 1560/- Lakh for five-year CSR plan (as per target/peak coal production) is as below-

CSR/TDP Activities (Rs. in Lakhs)	First Year		Second Year		Third Year		Fourth Year		Fifth Year	
	Capital	Recurring	Capital	Recurring	Capital	Recurring	Capital	Recurring	Capital	Recurring
Education support initiatives	15	20	20	30	30	50	30	50	30	50
Community health support initiatives	15	20	20	30	30	50	30	50	30	50
Sustainable livelihood development initiative	5	10	15	30	30	50	30	50	30	50
Basic facility / infrastructure support initiative	5	10	15	30	30	50	30	50	30	50
Sports, cultural & welfare exp.	5	10	15	20	30	40	30	40	30	40
Administrative exp.	-	5	5	10	0	10	0	10	0	10
Total Amount	45	75	90	150	150	250	150	250	150	250
Total Exp. (Rs. in Lakhs)	120		240		400		400		400	

In view of the above facts related to applicability of PESA and measures proposed for livelihood of tribal population, it is requested to kindly recommend proposal for environment clearance.

Thanking you,

Encl. As above

Yours Sincerely,

(Prakash Israni)
Dy. Chief Engineer (Fuel)
Authorized Signatory
RVUN, Jaipur



Annexure-I Minutes of meeting of Expert Appraisal Committee (EAC), Thermal & Coal Mining Projects, 15-16 February 2018 related to Parsa Coal Block



Final minutes of the 26th meeting of the EAC held on 15-16 February, 2018 for appraisal of Coal mining projects

A. The 26th meeting of the Expert Appraisal Committee (EAC) for Thermal & Coal mining projects was held on 15-16 February, 2018 in the Ministry to consider the proposals relating to coal mining sector. The lists of participants and the project proponents are at Annexure-I & II respectively.

B. Confirmation of minutes

There being no comments from any of the members of the Committee, minutes of the 24th meeting of the EAC held on 11th January, 2018 were confirmed.

C. Details of the proposals considered during the meeting, deliberations made and the recommendations of the Committee, are explained in the respective agenda items as under:-

Agenda No.26.1

Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh) - For EC

[IA/CG/CMIN/59215/2016, F No. J-11015/76/2016- IA.II(M)]

26.1.1 The proposal is for grant of Environmental clearance to Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252 447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh).

26.1.2 The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

- (i) The project was accorded ToR vide letter dated 23rd March, 2017.
- (ii) The latitude and longitude of the project are 22° 48'57.01" and 22°51'56.85" N, and 82° 45'10.50" and 82° 47'22.86" E respectively.
- (iii) Joint Venture: There is no Joint Venture
- (iv) Coal Linkage:

Sr. No.	Name of Specified end use plant	Address	Configuration	Capacity
1	Chhabra TPP (Unit 3, 4, 5 & 6)	MotipuraChoki, Chhabra, Baran district, Rajasthan	2 x 250 MW 2 x 660 MW	1820 MW
2	Kalisindh TPP (Unit 1 & Unit 2)	Village-Undal, Jhalrapatan tehsil, Jhalawar district, Rajasthan	2 x 600 MW	1200 MW
3	Suratgarh Supercritical TPP (Unit 7 & Unit 8)	Thukrana, Suratgarh tehsil, Shriganganagar district, Rajasthan	2 x 660 MW	1320 MW



(v) Employment generated / to be generated: The total manpower required for Parsa Opencast Coal Mine Project for 5 MTPA coal production, is assessed at 768 till 3rd year of mine operation (target achieving year).

(vi) Benefits of the project:

- Coal from this project will be used in power generation in Rajasthan, which will help in reducing gap in demand and production of electricity in the state.
- **Improvement in the Physical Infrastructure-** The basic requirement of the, local community needs will be strengthened by extending health care, educational facilities developed in the township to the community, providing drinking water to the villages, strengthening of existing roads in the area. RVUNL will initiate the above amenities either by providing or by improving the facilities in the area, which will help in uplifting the living standards of local communities.
- **Improvement in the Social Infrastructure-** Generation of indirect employment and improved standard of living; establishment of small and medium scale engineering ancillaries; increased revenue to the State by way of royalty, taxes and duties; and better communication and transport facilities etc.
- **Indirect benefit of the project-** Development of coal block will also boost the local economy and result in creation of new infrastructure facilities and establishment of commercial institution such as improvement in transportation, setting up hotel, banking, medical, education, construction and development of allied industries and mechanical workshops etc., these will create more employment opportunities for the local people. With improvement in local economy and with increase in employment opportunities there will be overall improvement in standard of living of the local people.
- **Corporate Social Responsibility-** Keeping in view the requirement of community around project, the CSR programmes under this project shall be implemented in the areas such as Rural Infrastructure development, Health & Sanitation, Education, Skill and entrepreneurship development, Livelihood Development & farmers productivity.

(vii) The total project area is 1252.447 ha. Mining lease area as per approved Mining Plan is 1252.447 Ha. The land usage of the project will be as follows:

Pre-Mining:

S.N.	LANDUSE	Within ML Area(ha)	Outside ML Area(ha)	TOTAL
1.	Agricultural land	365.366	Nil	365.366
2.	Wasteland			
3.	Grazingland			
4.	Settlements			
5.	Surface water Bodies			
6.	Forestland	841.538	Nil	841.538
7.	Others (Government Land)	45.543	Nil	45.543
	TOTAL	1252.447	Nil	1252.447



Post- Mining:

S. No.	Type	During Mining (ha)	End of Life (ha)	Land Use (ha)					TOTAL
				Plantation	Water Body	Public Use	Agriculture land	Grass/ greenbelt	
1.	External OB Dump	64.084	64.084	40.706	-	-	-	23.378	64.084
2.	Top soil Dump	2.600	2.600	-	-	-	-	2.600	2.600
3.	Excavation	1129.375	1129.375	371.513	317.767	-	440.095	-	1129.375
4.	Coal evacuation route and approach Roads	2.370	2.370	0.474	-	1.896	-	-	2.370
4.	Electric Line & infrastructure area	13.228	13.228	2.646	-	10.582	-	-	13.228
5.	CHP & Washery	13.586	13.586	2.718	-	8.694	-	2.174	13.586
6.	Diversion of Nala	14.801	14.801	-	-	14.801	-	-	14.801
7.	Settling Ponds	2.260	2.260	-	2.260	-	-	-	2.260
8.	GreenBelt	-	-	-	-	-	-	-	-
9.	Rationalization Area	10.143	10.143	10.143	-	-	-	-	10.143
	TOTAL	1252.447	1252.447	428.200	320.027	35.973	440.095	28.152	1252.447

Core area:

Sl. No.	Particular	Land (ha)
A	Mining	
	Excavation area & barrier	1129.375
B	Infrastructure & OB dump area	
1	External dump	64.084
2	Top soil dump	2.600
3	Electric line & infrastructure area	13.228
4	Coal evacuation route & approach Road	2.370
5	CHP & Washery	13.586
6	Diversion of nala	14.801
7	Settling pond	2.260
8	Rationalization area	10.143
	Total (B)	123.072
	Grand total (A + B)	1252.447

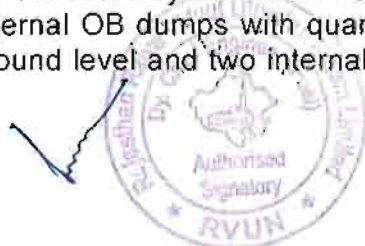
(viii) The total geological reserve is 256.40 MT. The mineable reserve 184.26 MT, extractable reserve is 200.41 MT. The per cent of extraction would be 78.16%.

(ix) The coal grade is E to G. The stripping ratio is 6.12 Cum/tonne. The average Gradient is 2° to 6°. Three coal seams (Seam-VI, Seam-V & Seam-IV) with thickness ranging upto 8.62m shall be extracted.

(x) Total estimated water requirement is 2385 m³/day. The level of ground water ranges from 3m to 25m.

(xi) The mining would be done opencast. Overburden shall be removed by shovel-dumper combination and coal shall be extracted by surface miner.

(xii) There shall be two external OB dumps with quantity of 21.02 Mm³ in an area of 64.084 ha with height of 60 m above ground level and two internal dump with Quantity of 1206.17 Mm³ in an



area of 1059.092 ha. The final mine void would be in 70.278 ha with maximum depth of 30 m and the total quarry area shall be 1129.375 ha. Backfilled quarry area of 1059.092 ha shall be reclaimed with plantation. A void of 70.278ha with max. depth 30 m which is proposed to be converted into a water body

(xiii) Baseline data was collected by consultant over a period of three months from March 2017 to May 2017 representing pre-monsoon season. Ambient Air Quality levels are within the prescribed limit of NAAQS. Summary of Data from March, 2017 to May, 2017 is given below-

Particulars	Concentration		NAAQS
	Min	Max	
PM 2.5	20.00	32.30	60 $\mu\text{g}/\text{m}^3$
PM10	31.80	61.50	100 $\mu\text{g}/\text{m}^3$
SO ₂	8.70	13.70	80 $\mu\text{g}/\text{m}^3$
NO ₂	10.20	16.80	80 $\mu\text{g}/\text{m}^3$
CO	0.396	0.24	2 mg/m^3

(xiv) The life of mine: For the rated output of 5.0 MTPA, the life of the mine has been estimated as 45 years including three years of construction period.

(xv) Transportation:

- In pit:** Coal is proposed to be transported from in pit to surface (CHP & Washery) by belt conveyor after initial 4 years of mine development in which coal transportation will be done by dump trucks.
- Surface to siding:** It is envisaged to transport coal from CHP to Silo by belt conveyor.
- Siding at loading:** Wagon loading will be done through SILO with inbuilt Rapid Loading System.

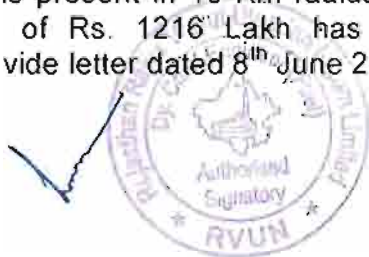
(xvi) R&R cost shall be estimated during Land Acquisition process. There are 995 families are being affected, out of which 584 are land loser and 411 are homestead as well as land loser families from six villages namely Salhi, Ghatbarra, Hariharpur, Fatehpur of Udaypur Tehsil, Surguja District & Janardanpur & Tara of Premnagar Tehsil, Surajpur District.

(xvii) Total capital cost of the project is Rs. 1960 Crores. CSR Cost: Capital Cost- Rs. 5.85 Crore while recurring cost- Rs. 1.5 Crore from 2nd Year onward (Rs. 75 Lakh for first year). R&R Cost: R&R cost shall be estimated during land acquisition process. Environmental Management Cost: Capital Cost: Rs. 2514.60 Lakh & Recurring Cost: Rs. 677.60 Lakh

(xviii) Water body: AtemNadi flows at a distance of 1.9 Km from Northern Boundary of the block. The area is incised by a prominent nala flowing from SW to NE in the northern part of the block and joins the AtemNadi. The AtemNadi and this stream together control the drainage of the area. The southern part of the block is free from the presence of any prominent nala.

(xix) Ground water clearance applied on 3rd November 2017. Board's approval for Mine Closure Plan obtained on 11th May 2016. Mine Plan & Mine Closure Plan approved by Ministry of Coal vide letter File No. 34011/24/2016-CPAM dated 10th November 2016. Mine closure plan is an integral part of mining plan.

(xx) No wildlife sanctuary is present in 10 Km radius of the project. Wildlife Management Plan with a budgetary provision of Rs. 1216⁰⁰ Lakh has been approved by Wildlife Department, Government of Chhattisgarh vide letter dated 8th June 2017.



(xxi) Total forest area involved 841.538 ha for mining. Application for diversion of forest land submitted vide proposal number FP/CG/MIN/20742/2016 dated 4th August 2016. Proposal is being processed at State level.

(xxii) Total afforestation plan shall be implemented covering an area of 456.352 ha (428.200 ha plantation + 28.152 ha greenbelt/grass) at the end of mining. Green Belt over an area of 28.152 ha. Density of tree plantation shall be 2500 trees/ha.

(xxiii) There are no court cases/violation pending with the project proponent.

(xxiv) Public hearing was organized in two districts as per details mentioned below-

District	Place	Date
Surguja	Government Pre-Secondary School, Village-Basen	29 th October 2017
Surajpur	Government Senior Secondary School, Village-Tara	12 th November 2017

The issues raised during the PH includes Draft E.I.A.; permission from Gram Sabha is required for Project but no such permission sought from Gram Sabha for project, hence this public hearing is illegal; As livelihood of most of the population is dependent over agriculture and forests, it will be lost due to the mining and also tribal culture will be affected; danger for Wildlife residing in the forest area of the vicinity. This area is known for frequent visit of Elephants and this is an elephant corridor which is not mentioned in the EIA report ; Ground water will be affected due to 700 to 900 feet depth in operation of this coal mine and there will be shortage of drinking water in the area; proposed project would result in air and water pollution in the area which will impact residents and wildlife; Cumulative Impacts of adjacent Parsa East & Kanta Basan has not been considered in EIA/EMP Report of the proposed project; Nala diversion has been concealed for project; Information related to use of reject of coal from washery has not been mentioned in Draft EIA/EMP Report clearly.

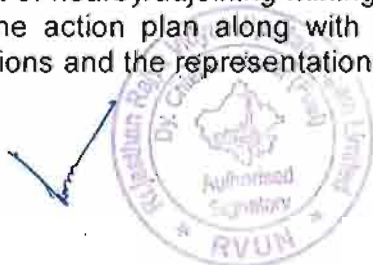
26.1.3 During deliberations on the proposal, the Committee noted the following:-

The proposal is for environmental clearance to Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajashtan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja and Surajpur (Chhattisgarh).

Out of the total project area, forest land involved is 841.538 ha. Stage-I forest clearance for the same was reported to be under process, and thus yet to be diverted for non-forestry purposes.

Mining Plan was approved by Ministry of Coal vide letter File No.34011/24/2016-CPAM dated 10th November, 2016. Mine closure plan is an integral part of the Mining Plan.

Terms of reference for the project was granted on 23rd March, 2015. Public hearing was conducted by SPCB in two districts, namely Surguja on 29th October 2017 and Surajpur 12th November 2017. Main issues raised during the public hearing included permission required from Gram Sabha, loss of agriculture and forests affecting livelihood, impact on ground water availability, pollution concerns, cumulative impact of nearby/adjoining mining projects, diversion of nala, etc. The project proponent has submitted the action plan along with the timeline and funding management, to address the issues, suggestions and the representations received during public consultations.



Baseline air quality values at ambient air quality monitoring stations, would be in the range of 20-32.30 ug/m³ for PM_{2.5}, 31.80-61.50 ug/m³ for PM₁₀, SO₂ from 8.70 -13.70 ug/m³ and NO_x from 10.20 -16.80 ug/m³, and thus meeting the prescribed standards.

26.1.4 *The Committee, after deliberations and taking cognizance of the concerns raised during public hearing, desired for clarifications and details in respect of the following:-*

(i) *The response of the project proponent 'MoEF&CC will grant Environment Clearance to the project only after thorough scrutiny of EIA/EMP Report through Expert appraisal Committee' to the queries raised during public hearing regarding authenticity of data and facts mentioned in the EIA/EMP reports, was not acceptable. The Committee asked for an undertaking in this regard to be furnished by the project proponent.*

(ii) *Comments from the State Tribal Welfare Department regarding permission for the project from Gram Sabha, impact on livelihood of tribal population, and their concurrence as per the provisions of the Panchayats Extension to Scheduled Areas Act, 1996 (PESA Act) as applicable in the instant case.*

(iii) *The State Water Resources/Irrigation Department of the State Government to assess the cumulative impact of diversion of streams, and existing and proposed mining operations on Hasdeo river.*

(iv) *Opinion of the State Wild Life Board regarding impact of existing and proposed mining operations on elephant movement and other wild life species needs to be sought, in view of part of the area proposed for Lemru Elephant Reserve.*

Agenda No.26.2

Expansion of Tapin South Open Cast Coal Mine Project from 0.6 MTPA to 2.00 MTPA Normative/2.50 MTPA Peak with an increase in ML area from 134.56 ha to 188.66 ha for Phase-I and from 223.05 ha to 277.15 ha for Phase-II of M/s Central Coalfields Limited, located in District Ramgarh (Jharkhand)- For EC

[IA/JH/CMIN/18640/2013, F No. J-11015/155/2013- IA.II(M)]

26.2.1 The proposal is for grant of Environmental Clearance to expansion of Tapin South Open Cast Coal Mine project from 0.6 MTPA to 2.00 MTPA (Normative)/2.50 MTPA (Peak) with increase in mine lease from 134.56 ha to 178.06 ha in Phase-I and 223.05 ha to 277.15 ha in Phase-II of M/s Central Coalfields Limited located in District Ramgarh (Jharkhand).

26.2.2 The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

(i) The project for Tapin South Expansion OCP from 0.06 MTPA to 2 MTPA (Normative)/2.50 MTPA (peak) was accorded TOR vide letter No.J-11015/155/2013-IA.II(M) dated 20th May, 2014 which was further modified vide letters dated 29th May, 2015 and 1st September, 2015.

(ii) Project Report of Tapin South Expansion OCP was approved by CCL Board in August, 2012 with project area of 277.15 ha. The mining operations are to be expanded in two phases. During phase-I, all mining and allied activities shall be limited to 178.06 ha of non-forest



Annexure-II Letter from RVUNL to State Tribal Welfare Department, Government of Chhattisgarh





RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD.

(A Govt. Of Rajasthan Undertaking)

Corporate identity Number (CIN)-U40102RJ2000SGC016484

Regd. Office & H.O. Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur - 302 005.

Tele Fax No. 0141-2744927, 2740006, Email: fuel.rvun@gmail.com



No. RVUN/CE (Fuel)/ DyCE(Fuel)/D. 620

Dated: 06.04.18

Special Secretary,
State Tribal Welfare Department
Raipur (Chhattisgarh)

Sub:- Clarifications sought by Expert Appraisal Committee (Thermal & Coal Mining) in its meeting held on 15th February 2018 for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in Districts Surguja & Surajpur (Chhattisgarh) - For Environment Clearance

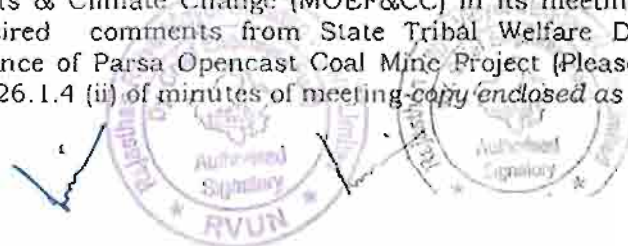
Ref: Minutes of meeting of Expert Appraisal Committee (Thermal & Coal Mining) held on 15th February 2018 (Please refer Agenda Item No. 26.1, para 26.1.4 (iii))

Dear Sir,

With reference to above-mentioned subject, it is submitted that (chronology of event enclosed as Annexure I):

1. Parsa Coal block (5MTPA) was allotted to Rajasthan Rajya Vidyut Utpadan Nigam Limited (RVUN) by Ministry of Coal (MoC) vide vesting order No - 103/24/2015/NA dated 08th September, 2015 to meet the coal requirement of their three thermal power projects.
2. Mine Plan & Mine Closure Plan (1st Revision for inclusion of pit top washery) was approved by MoC vide letter File No. 34011/24/2016-CPAM dated 10th November 2016.
3. Application for Term of Reference (ToR) regarding Environment Clearance submitted online (Proposal No. IA/CG/CMIN/59215/2016) on 27th September 2016 to Ministry of Environment & Forest, Climate Change (MOEF&CC).
4. The ToR for EIA/EMP was issued by MoEF&CC vide letter no.J-11015/76/2016-IA.1 (M) dated 23rd March 2017.
5. The Draft report prepared by M/s Vimta Labs Limited as per TOR was submitted to Chhattisgarh Environment Conservation Board (CECB) by RVUNL vide letter dated 18th July 2017 & 21st July 2017.
6. Subsequently, district-wise Public Hearing was organized by CECB at Basan Village, Surguja District, Chhattisgarh on 29th October 2017 and at Tara Village, Surajpur District, Chhattisgarh on 12th November 2017.
7. Final EIA/EMP Report along with Public Hearing proceeding submitted at MoEF&CC, New Delhi 10th January 2018 for Environment Clearance of project.
8. MoEF&CC invited RVUNL for presentation on 15th February 2018 for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA.

Expert Appraisal Committee (EAC) (Thermal & Coal Mining) of Ministry of Environment, Forests & Climate Change (MOEF&CC) in its meeting held on 15th February 2018 desired comments from State Tribal Welfare Department for Environment Clearance of Parsa Opencast Coal Mine Project (Please refer Agenda Item No. 26.1, para 26.1.4 (ii) of minutes of meeting enclosed as Annexure-II)-



"(ii) Comments from the State Tribal Welfare Department regarding permission for the project from Gram Sabha, impact on livelihood of tribal population, and their concurrence as per the provisions of the Panchayats Extension to Scheduled Areas Act, 1996 (PESA Act) as applicable in the instant case."

It is pertinent to mention that during both public hearings, the villagers supported the project and convinced that the project will bring improvement in local infrastructure; basic amenities like education, health and will generate employment for the local villagers. The CSR activities of the project will increase the livelihoods of local population. The project is falling in six villages namely Salhi, Ghatbarra, Hariharpur, Fatehpur of Udaypur Tehsil, Surguja District & Janardanpur & Tara of Premnagar Tehsil, Surajpur District. Moreover, No Objection from all the concerned Panchayats belonging to these villages has already been issued (Copies of the No Objection issued by Gram Panchayats enclosed as Annexure-III).

Looking into above facts and exercises done at village level (public hearing & NOC from gram Sabha), it is requested to kindly provide your comments regarding query of EAC with respect to PESA, so that environment clearance can be obtained from MoEF & CC for the Parsa Coal Mine Project.

Thanking you,

Yours sincerely,

(Prakash Israni)
Dy Chief Engineer (Fuel)
Authorised signatory
RVUN, Jaipur

Enclosures:

Annexure I- Event of Chronology (Allotment Order, Approval letter of Mine Plan & Mine Closure Plan, Acknowledgment of ToR Application dated 27th September 2016, Copy of ToR for EIA/EMP issued by MoEF&CC vide letter no.J-11015/76/2016-IA.11 (M) dated 23rd March 2017, Covering letter submitting Draft EIA/EMP Report vide letter dated 18th July 2017 & 21st July 2017, Public Hearing covering letter for PH dated 29th October 2017 and 12th November 2017, Public Hearing covering letter for PH dated 29th October 2017 and 12th November 2017 and Agenda of EAC dated 15th February 2018).

Annexure II- Minutes of meeting of Expert Appraisal Committee, MoEF&CC

Annexure III- No Objection issued by Gram Panchayats



Government of India
Ministry of Coal
O/a the Nominated Authority

World Trade Tower, New Delhi

Office of the nominated authority constituted under section 6 of the Coal Mines (Special Provisions) Act, 2015.

Allotment order under clause (c) of sub-rule (2) of rule 7 and sub-rule (1) of rule 13

In re: Parsa Coal Mine (the "mine") particulars of which is specified in Annexure 1

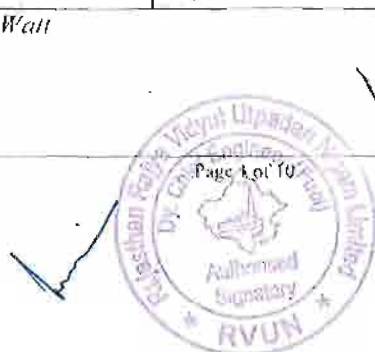
Order no.: 103/24/2015/NA

Date: September 08, 2015

In favour of: Rajasthan Rajya Vidyut Utpadan Nigam Limited incorporated in India under the Companies Act, 1956 with corporate identity number U40102RJ2000SGC016484, whose registered office is at R.C. Dave Marg, Vidyut Bhawan, Jyoti Nagar, Jaipur, Rajasthan - 302005, India (the "Allottee").

For utilisation in: End Use Plants situated at 1) Motipura Choki, Chhabra, District - Baran, Rajasthan 2) Village - Undal, Tehsil - Jhalrapatan, District - Jhalawar, Rajasthan and 3) Thukrana, Tehsil - Suratgarh, District - Shriganganagar, Rajasthan, as more particularly described below (the "End Use Plant").

S. No.	Name of Specified End Use Plant	Address	Configuration	Capacity
1.	Chhabra TPP Unit 3 to Unit 6	Motipura Choki, Chhabra, District - Baran, Rajasthan	2 x 250 MW 2 x 660 MW	1820 MW
2.	Kalisindh TPP Unit 1 and Unit 2	Village - Undal, Tehsil - Jhalrapatan, District - Jhalawar, Rajasthan	2 x 600 MW	1200 MW
3.	Suratgarh Supercritical TPP Unit 7 and Unit 8	Thukrana, Tehsil - Suratgarh, District - Shriganganagar, Rajasthan	2 x 660 MW	1320 MW



*MW stands for Mega Watt

WHEREAS, the nominated authority has, in accordance with the provisions the Coal Mines (Special Provisions) Act, 2015 (the "Act") and the Coal Mines (Special Provisions) Rules 2014 (the "rules") conducted the allotment of the relevant Schedule I coal mine;

AND WHEREAS the allottee is eligible to receive this allotment order with respect to the mine, including, inter-alia -

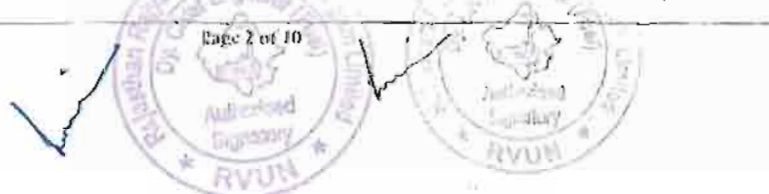
- (a) the coal bearing land acquired by the prior allottee and the lands, in or adjacent to the coal mines used for coal mining operations acquired by the prior allottee; and
- (b) any existing mine infrastructure as defined in clause (j) of sub-section (1) of section 3 of the Act;

AND WHEREAS the allottee has furnished a performance bank guarantee dated May 22, 2015 for an amount equal to INR 85,70,00,000 (Indian Rupees Eighty Five Crore and Seventy Lakh), issued by Bank of India in accordance with the allotment document and in accordance with the provisions of sub-section (6) and sub-section (12) of section 8 of the Act;

AND WHEREAS the allottee has entered into an Allotment Agreement dated March 30, 2015 (as amended) with the nominated authority in accordance with the provisions of sub-rule (5) of rule 13

NOW, THE NOMINATED AUTHORITY DOES ORDER:

1. On and from September 08, 2015 ("allotment date") and in accordance with sub-section (4) of section 8 read with sub-section (12) section 8 of the Act, with respect to the mine, the following shall stand fully and absolutely transferred and vested in the allottee, namely: -
 - (a) all the rights, title and interest of the prior allottee in and over the land and mine infrastructure free from all encumbrances,
 - (b) entitlement to a mining lease to be granted by the State Government with the terms and conditions of the Allotment Agreement forming a part of it on making an application;
 - (c) all statutory licences, permits, permissions, approvals or consents as per rules, required to undertake coal mining operations in the mine, if already issued by the Central Government, to the prior allottee on the same terms and conditions as were applicable to the prior allottee, as listed in the Annexure 2;
 - (d) entitlement to any statutory licence, permit, permission, approval or consent required to undertake coal mining operations in the mine, if already issued by the Central Government, to the prior allottee on making an application on the same terms and conditions as were applicable to the prior allottee, as listed in the Annexure 3;
 - (e) entitlement to any statutory licence, permit, permission, approval or consent required to undertake coal mining operations in the mine, if already issued by the State Government, to the prior allottee on making an application on the



same terms and conditions as were applicable to the prior allottee, as listed in the **Annexure 4**.

- (f) rights appurtenant to the approved mining plan of the prior allottee;
 - (g) any subsisting contract in relation to coal mining operations, to which the prior allottee was a party and which is assumed, adopted and continued by the Allottee and listed in the **Annexure 5** shall stand novated (by virtue of a deemed consent from the relevant party(ies)), in accordance with the provisions of sub-section (1) of section 11 of the Act in favour of the allottee for the residual term or residual performance of such contract;
2. The Allottee may seek any change in the terms and conditions attached to such licence, permit, permission, approval or consent by making an application in accordance with applicable laws;
 3. Hereinafter, the Allottee shall be entitled to take possession of the mine as specified in Annexure-1 without let or hindrance;
 3. This allotment order is liable to be cancelled in accordance with the provisions of sub-rule (5) of rule 13.

Vivek Kumar
(By the nominated authority)



Annexures

Annexure I: Particulars of the mine

Part A – Description of the mine

Name of Coal Mine	Parsa
Latitude	22°48'57.01" N to 22°51'56.85" N
Longitude	82°45'10.50" E to 82°47'22.86" E
Coalfield	Hasdeo Arand
Villages	Ghatbarra, Phatepur, Sallhi, Tara
Tehsil/Taluka	Udaipur and Premnagar
District	Surguja and Surajpur
State	Chhattisgarh



Part B – Description of Land in relation to the mine

Not applicable



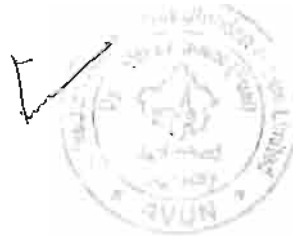
Part C – Description of Mine Infrastructure in relation to the mine

Not applicable



Annexure 2: Particulars of statutory licences, permits, permissions, approvals or consents issued by the Central Government which are being transferred along with this Allocation Order.

S. No	Statutory Clearance	Ministry/ Agency	Letter No.	Date
1.	Approval of a) Mining Plan Mining Plan and Mine Closure Plan (August 2013)	Ministry of Coal	No.13016/90/2006- CA-I (Part)	19.05.2014
	b) Mine Closure Plan Mining Plan and Mine Closure Plan (August 2013)		No.13016/90/2006- CA-I (Part)	19.05.2014



Annexure 3: Particulars of statutory licences, permits, permissions, approvals or consents issued by the Central Government to be obtained on application by the Allottee.

Not applicable



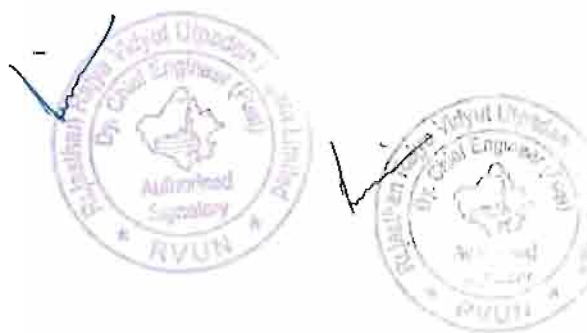
Annexure 4: Particulars of statutory licences, permits, permissions, approvals or consents issued by the State Government to be obtained on application by the Allottee.

Not applicable



Annexure 5: Particulars of the contracts adopted by the Allottee.

The Allottee does not intend to adopt and continue with any of the contracts of the Prior Allottee.



File No.34011/24/2016-CPAM

No.34011/24/2016-CPAM
Government of India
Ministry of Coal

Shastri Bhawan,
New Delhi, the 10th November, 2016

To

M/s Rajasthan Rajya Vidyut Utpadan Nigam Ltd.
Vidyut Bhawan, Janpath, Jyoti Nagar,
Jaipur-302005
Fax: 0141-2744927,2740006
E-mail: fuel.rvun@gmail.com

Subject :	Mining Plan and Mine Closure Plan(1st Revision) of Parsa Coal Block(5 MTPA) of M/s Rajasthan Rajya Vidyut Utpadan Nigam Ltd.
------------------	--

Sir,

I am directed to refer to your letter No. RRVUN/ACE(Fuel)/Dy CE(Fuel)/D. 1230 dated 13-06-2016 for approval of Mining Plan and Mine Closure Plan(1st Revision) for approval of the Central Government and to state that the Mining Plan and Mine Closure Plan(1st Revision) (September 2016) of Hasdo – Arand Coalfield, District – Surguja & Surajpur State Chhattisgarh of M/s. M/s Rajasthan Rajya Vidyut Utpadan Nigam Ltd) to be read alongwith company's letter No RRVUN/ACE(Fuel)/Dy CE(Fuel)/D. 1938 dated 14-09-2016 incorporating clarifications has been considered and the approval of the Central Government thereon is hereby conveyed under Section 5(2)(b) of the Mines & Minerals (Development & Regulation) Act, 1957 subject to the following conditions:-

- I. The Mining company shall take all necessary precautions regarding safety of mine workings and persons deployed therein,
- II. Mining lease of this block shall not encroach into any other adjacent block;
- III. The cost of abandonment for carrying out the closure activities envisaged in the Mine closure plan is indicative; the actual cost for carrying out the activities at the time of final closure may be higher. The actual cost of abandonment will have to be borne by the project proponent for carrying out the closure activities,
- IV. The approval of the mine closure plan is without prejudice to the requirement of approvals from competent /prescribed authority under the relevant rules/ regulations etc;

Two copies of the approved mine plan duly signed by the competent authority are returned herewith with the request that a copy of the approved mine plan may be submitted to the concerned State Government for necessary action and also a photocopy of the approved mine plan may be sent to the Coal Controller for monitoring the block.

Yours Faithfully

(A K Mandal)
Under Secretary to the Govt. of India

Encl: As Above

Copy to:

1. Under Secretary (CA-III Section)
2. Section Officer (Nominated Authority)



From: <monitoring-ec@nic.in>

Date: Tue, Sep 27, 2016 at 12:08 PM

Subject: Acknowledgement Slip for TOR application

To: sk.smree66@nic.in, fuel.rvun@gmail.com

Cc: sakhare.pr@nic.in, monitoring-ec@nic.in

Acknowledgement Slip for TOR

This is to acknowledge that the proposal has been successfully uploaded on the portal of the Ministry. The proposal shall be examined in the Ministry to ensure that required information has been submitted. An email will be sent for seeking additional information, if any, within 5 working days. Once verified, an acceptance letter shall be issued to the project proponent.

Following should be mentioned in further correspondence

1. Proposal No. : IA/CG/CMIN/59215/2016
2. Category of the Proposal : Coal Mining
3. Project/Activity applied for : 2(a) Coal washeries
1(a) Mining of minerals
4. Name of the proposal : Parsa Opencast Coal Mine Project (5 MTPA) and Pit Head Coal Washery (5 MTPA)
5. Date of submission for TOR : 27 Sep 2016
6. Name of the Project proponent along with contact details
 - a) Name of the proponent : RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LIMITED
 - b) Mobile No. : 9414065931
 - c) State : Rajasthan
 - d) District : Jaipur
 - e) Pincode : 302005



No. J-11015/76/2016-IA.II (M)
Government of India
Ministry of Environment, Forest & Climate Change
IA-II (Coal Mining) Division

Indira Paryavaran Bhawan,
Jorbagh Road, N Delhi – 3
Dated: 23rd March, 2017

To,

Shri Prakash Israni,
Dy. Chief Engineer (Fuel),
M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited,
Vidyut Bhawan, Janpath, Jyoti Nagar,
Jaipur - 302005 (Rajasthan) Email- fuel.rvun@gmail.com

Sub: Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh) - TOR - reg.

Sir,

This has reference to your letter No. RVUN/ACE(Fuel)/Dy.CE(Fuel)/D.2054 dated 26th September, 2016 along with online proposal No. IACG/CMIN/59215/2016 dated 27.09.2016 and subsequent letters dated 23.01.2017 and 30.01.2017 on the above-mentioned subject.

2 The Ministry of Environment, Forest and Climate Change has considered the application. It is noted that the proposal is for grant of Terms of Reference to the project for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh).

3. The proposal was considered by the EAC in its 4th meeting held on 30-31 January, 2017. The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

(i) Parsa Coal Block was earlier allotted to Chhattisgarh State Power Generation Company Ltd (CSPGCL) (erstwhile Chhattisgarh State Electricity Board) for coal mining by the Ministry of Coal vide letter dated 2nd August, 2006. As per the terms of reference (ToR) issued by MoEF vide letter dated 14th May, 2013 for Parsa OCP of 5 MTPA, collection of baseline data was done during March to May 2013 and public hearing was conducted on 28th February, 2014 in Surajpur District and 1st March, 2014 in Surguja District, and thus the EIA/EMP report was prepared for the project. Mine Plan and Mine Closure Plan for its capacity of 5 MTPA was approved by Ministry of Coal vide letter dated 19th May, 2014.

(ii) Hon'ble Supreme Court of India through its Judgment dated 25th August, 2014 & 24th September, 2014 cancelled the allotment of 204 coal blocks including Parsa Coal block. Subsequently, the coal block was allotted to RVUNL vide vesting order dated 8th September, 2015 issued by the Nominated Authority in the Ministry of Coal, to meet the coal requirement of their three thermal power projects. Approval of Mine Plan and Mine Closure Plan issued to CSPGCL was suo-moto transferred to RVUNL from the date of allotment.

TOR Parsa OCP 5 MTPA and Washery 5 MTPA in Chhattisgarh of M/s RVUNL



(iii) RVUNL requested MoEF&CC for transfer of ToR dated 14th May, 2013 issued to CSPGCL. After examining their request vis-à-vis the extant provisions, MoEF&CC vide letter dated 6th September, 2016 suggested to apply for ToR afresh. Application for fresh ToR submitted online (Proposal No.IA/CG/CMIN/59215/2016) on 27th September 2016. Mine Plan & Mine Closure Plan (1st Revision) was approved by Ministry of Coal vide letter 10th November 2016.

(iv) The earlier ToR was for coal mine of 5 MTPA only. However, the present proposal is for fresh ToR for 5 MTPA open cast coal mine and also for 5 MTPA coal washery.

(v) Latitude and longitude of the project site are 22° 48' 57.01" and 22° 51' 56.85" N and 82° 45' 10.50" and 82° 47' 22' 86" E respectively.

(vi) Joint Venture: Not applicable

(vii) Coal Linkage :

Sl. No.	Name of specified end use plant	Units	Capacity
1.	Chhabra TPP Unit -3 to 6, District- Baran, Rajasthan	2 x 250 MW 2 x 660 MW	1820 MW
2.	Kalisindh TPP Unit – 1 & 2, District- Jhalawar, Rajasthan	2 x 600 MW	1200 MW
3.	Suratgarh Supercritical TPP, Unit- 7 & 8, District- Shriganganagar, Rajasthan	2 x 660 MW	1320

(viii) Employment generated / to be generated: The mining project will generate direct& indirect employment. About 768 people will get direct employment.

(ix) Benefits of the project:

- Coal from this project will be used in power generation in Rajasthan, which will help in reducing gap in demand and production of electricity in the state.
- Based on the requirement of the people of the project area, the development activities will be taken up. The basic requirement of the community will be strengthened by extending health care, educational facilities, providing drinking water to the villages affected, building/strengthening of existing roads in the area etc.
- Project will generate direct and in-direct employment in the area.

(x) Land use of the project site, both during pre-mining and post mining, would be as follows:

Pre-Mining				
S. No.	LANDUSE	Within ML area (ha)	Outside ML area (ha)	TOTAL
1.	Agricultural land	365.366	Nil	365.366
2.	Wasteland			
3.	Grazing land			
4.	Settlements			
5.	Surface water Bodies			
6.	Forest land	841.538	Nil	841.538
7.	Others (Government Land)	45.543	Nil	45.543
	TOTAL	1252.447	Nil	1252.447

Post- Mining:

S. N.	Type	During Mining (ha)	End of Life (ha)	Land Use (ha)					TOTAL
				Plantation	Water Body	Public Use	Agriculture land	Grass/ greenbelt	
1.	External OB Dump	64.084	64.084	40.706	-	-	-	23.378	64.084
2.	Top soil Dump	2.600	2.600	-	-	-	-	2.600	2.600
3.	Excavation	1129.375	1129.375	371.513	317.767	-	440.095	-	1129.375
4.	Coal evacuation route and approach Roads	2.370	2.370	0.474	-	1.896	-	-	2.370
4.	Electric Line & infrastructure area	13.228	13.228	2.646	-	10.582	-	-	13.228
5.	CHP & Washery	13.586	13.586	2.718	-	8.694	-	2.174	13.586
6.	Diversion of Nala	14.801	14.801	-	-	14.801	-	-	14.801
7.	Settling Ponds	2.260	2.260	-	2.260	-	-	-	2.260
8.	Green Belt	-	-	-	-	-	-	-	-
9.	Rationalization Area	10.143	10.143	10.143	-	-	-	-	10.143
	TOTAL	1252.447	1252.447	428.200	320.027	35.973	440.095	28.152	1252.447

(xi) Total geological reserve is 256.40 MT. The mineable reserve 184.26 MT, extractable reserve is 200.41 MT. The per cent of extraction would be 78.16 %.

(xii) The coal grade is E to G. The stripping ratio is 6.12 cum/tonne with the average gradient of 2° to 6°. There will be three seams with thickness ranging

Seam	Units	Mean Thickness
Seam-VI	M	1.83
Seam-V	M	5.03
Seam-IV	M	8.62

(xiii) Total estimated water requirement is 2385 m³/day. The level of ground water ranges from 3 m to 25 m.

(xiv) The method of mining would be overburden removal by shovel-dumper & coal mining by surface miner.

(xv) There would be two external OB dumps with quantity of 21.02 Mbcm in an area of 64.084 ha with height of 60 m above the surface level and two internal dumps with quantity of 1206.17 Mbcm in an area of 1059.092 ha.

(xvi) The final mine void would be in 70.278 ha with depth 30 m and the Total quarry area is 1129.375 Ha. Backfilled quarry area of 1059.092 Ha shall be reclaimed with plantation. A void of 70.278 ha with depth varying 30m which is proposed to be converted into a water body.

(xvii) The life of mine is 45 Years.

(xviii) Coal transportation in pit by belt conveyor from in pit to pit head coal handling plant, Surface to Siding by belt conveyor to Pre-weigh Bin and loading at siding by SILO with inbuilt

TOR Parsa OCP 5 MTPA and Washery 5 MTPA in Chhattisgarh of Mrs. RVUNL

Rapid Loading System. A 75 Km railway line is under construction to connect adjacent Parsa East & Kanta Basan Coal block of RVUNL to Surajpur Railway Station, out of which 33 Km is under operation.

(xix) There is no R & R involved. There are 442 PAFs.

(xx) Total capital cost of the project is Rs 1450 Crores. CSR Cost As per approval of MoEF. Environmental Management Capital Cost: Rs. 4 98 Crore & Recurring Cost: Rs. 6 47 Crore as per draft EIA/EMP prepared by Prior Allottee.

(xxi) The area is incised by a nala flowing from SW to NE in the northern part of the block and joins the Atem Nadi. The drainage within the block is controlled by several small streamlets joining the above nala. This nala needs to be diverted along the western boundary of the block. The Atem Nadi and this stream together control the drainage of the area. Atem Nadi is flowing at a distance of 1.9 km from North Eastern Part of the block. The southern part of the block is free from the presence of any prominent nala. Small ponds and dug wells are common in the area. These are utilized for irrigation and drinking water purpose.

(xxii) Board's approval obtained on 11th May, 2016. Mining plan has been approved on 10th November, 2016. Mine closure plan is an integral part of mining plan

(xxiii) There are no national Parks, wildlife sanctuary, biosphere reserves found in the 10 km buffer zone.

(xxiv) Total forest area involved 841 538 ha Application for diversion of forest land submitted vide proposal number FP/CG/MIN/20742/2016 dated 4th August 2016 Proposal is being processed at Divisional Forest Officer (DFO) level.

(xxv) Total afforestation plan shall be implemented covering an area of 456.349 ha at the end of mining. Green Belt over an area of 28.152 ha. Density of tree plantation 2500 trees/ ha of plants

(xxvi) There are no court cases/violation pending with the project proponent

(xxvii) Salient features of coal washery are as below:-

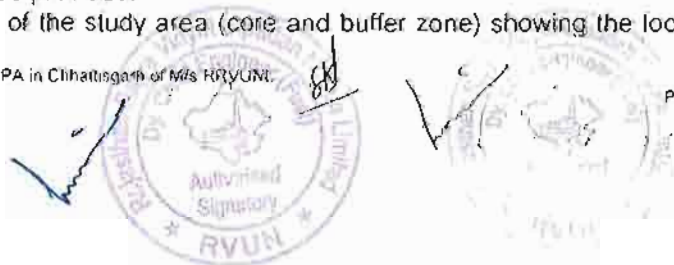
Description	Details
Capacity	5 MTPA
Hourly throughout capacity	800 TPH
No. of Annual working Hours	6000 hrs
Washing Technology	Wet washing process
Plant Process	Wet process comprising of crushing, screening, washing and material handling
Land Requirement	13.586 ha
Source of Water	Mine discharge
Power Requirement & source	Power requirement (5-7 MVA) will be met from the nearest Substation

4 The Expert Appraisal Committee in its meeting held on 30-31 January, 2017, has recommended the proposal for grant of Terms of References. Based on the recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Terms of References for the project 'Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA' of M/s Rajashtan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja and Surajpur (Chhattisgarh) for preparation of EIA/EMP reports with public consultations, under the provisions of the Environment Impact Assessment Notification, 2006 and subsequent amendments/circulars thereto, subject to the compliance of the following terms and conditions and environmental safeguards mentioned below



A. Generic TOR for an opencast coalmine project

- (i) An EIA-EMP Report shall be prepared for..... MTPA rated capacity in an ML/project area of.....ha based on the generic structure specified in **Appendix III of the EIA Notification, 2006.**
- (ii) An EIA-EMP Report would be prepared for..... MTPA rated capacity to cover the impacts and environment management plan for the project specific activities on the environment of the region, and the environmental quality encompassing air, water, land, biotic community, etc through collection of data and information, generation of data on impacts including prediction modeling for..... MTPA of coal production based on approved project/Mining Plan for.....MTPA. Baseline data collection can be for any season (three months) except monsoon.
- (iii) A toposheet specifying locations of the State, District and Project site should be provided.
- (iv) A Study area map of the core zone (project area) and 10 km area of the buffer zone (1: 50,000 scale) clearly delineating the major topographical features such as the land use, surface drainage pattern including rivers/streams/nullahs/canals, locations of human habitations, major constructions including railways, roads, pipelines, major industries/mines and other polluting sources. In case of ecologically sensitive areas such as Biosphere Reserves/National Parks/WL Sanctuaries/ Elephant Reserves, forests (Reserved/Protected), migratory corridors of fauna, and areas where endangered fauna and plants of medicinal and economic importance found in the 15 km study area should be given.
- (v) Land use map (1: 50,000 scale) based on a recent satellite imagery of the study area may also be provided with explanatory note on the land use.
- (vi) Map showing the core zone delineating the agricultural land (irrigated and un-irrigated, uncultivable land as defined in the revenue records, forest areas (as per records), along with other physical features such as water bodies, etc should be furnished.
- (vii) A contour map showing the area drainage of the core zone and 25 km of the study area (where the water courses of the core zone ultimately join the major rivers/streams outside the lease/project area) should also be clearly indicated in the separate map.
- (viii) A detailed Site plan of the mine showing the proposed break-up of the land for mining operations such as the quarry area, OB dumps, green belt, safety zone, buildings, infrastructure, CHP, ETP, Stockyard, township/colony (within and adjacent to the ML), undisturbed area -if any, and landscape features such as existing roads, drains/natural water bodies to be left undisturbed along with any natural drainage adjoining the lease /project areas, and modification of thereof in terms of construction of embankments/bunds, proposed diversion/re-channelling of the water courses, etc., approach roads, major haul roads, etc should be indicated.
- (ix) In case of any proposed diversion of nallah/canal/river, the proposed route of diversion /modification of drainage and their realignment, construction of embankment etc. should also be shown on the map as per the approval of Irrigation and flood control Department of the concerned state.
- (x) Similarly if the project involves diversion of any road/railway line passing through the ML/project area, the proposed route of diversion and its realignment should be shown in the map along with the status of the approval of the competent authority.
- (xi) Break up of lease/project area as per different land uses and their stage of acquisition should be provided.
- (xii) Break-up of lease/project area as per mining plan should be provided
- (xiii) Impact of changes in the land use due to the project if the land is predominantly agricultural land/forestland/grazing land, should be provided.
- (xiv) One-season (other than monsoon) primary baseline data on environmental quality - air (PM10, PM2.5, SOx, NOx and heavy metals such as Hg, Pb, Cr, As, etc), noise, water (surface and groundwater), soil - along with one-season met data coinciding with the same season for AAQ collection period should be provided.
- (xv) Map (1: 50, 000 scale) of the study area (core and buffer zone) showing the location of



various sampling stations superimposed with location of habitats, other industries/mines, polluting sources, should be provided. The number and location of the sampling stations in both core and buffer zones should be selected on the basis of size of lease/project area, the proposed impacts in the downwind (air)/downstream (surface water)/groundwater regime (based on flow). One station should be in the upwind/upstream/non-impact/non-polluting area as a control station. The monitoring should be as per CPCB guidelines and parameters for water testing for both ground water and surface water as per ISI standards and CPCB classification wherever applicable. Observed values should be provided along with the specified standards.

(xvi) Study on the existing flora and fauna in the study area (10km) should be carried out by an institution of relevant discipline. The list of flora and fauna duly authenticated separately for the core and study area and a statement clearly specifying whether the study area forms a part of the migratory corridor of any endangered fauna should be given. If the study area has endangered flora and fauna, or if the area is occasionally visited or used as a habitat by Schedule-I species, or if the project falls within 15 km of an ecologically sensitive area, or used as a migratory corridor then a Comprehensive Conservation Plan along with the appropriate budgetary provision should be prepared and submitted with EIA-EMP Report; and comments/observation from the CWLW of the State Govt. should also be obtained and furnished.

(xvii) Details of mineral reserves, geological status of the study area and the seams to be worked, ultimate working depth and progressive stage-wise working scheme until the end of mine life should be provided on the basis of the approved rated capacity and calendar plans of production from the approved Mining Plan. Geological maps and sections should be included. The Progressive mine development and Conceptual Final Mine Closure Plan should also be shown in figures. Details of mine plan and mine closure plan approval of Competent Authority should be furnished for green field and expansion projects.

(xviii) Details of mining methods, technology, equipment to be used, etc., rationale for selection of specified technology and equipment proposed to be used vis-à-vis the potential impacts should be provided.

(xix) Impact of mining on hydrology, modification of natural drainage, diversion and channelling of the existing rivers/water courses flowing through the ML and adjoining the lease/project and the impact on the existing users and impacts of mining operations thereon.

(xx) Detailed water balance should be provided. The break-up of water requirement for the various mine operations should be given separately.

(xxi) Source of water for use in mine, sanction of the Competent Authority in the State Govt and impacts vis-à-vis the competing users in the upstream and downstream of the project site, should be given.

(xxii) Impact of mining and water abstraction from the mine on the hydrogeology and groundwater regime within the core zone and 10 km buffer zone including long-term monitoring measures should be provided. Details of rainwater harvesting and measures for recharge of groundwater should be reflected in case there is a declining trend of groundwater availability and/or if the area falls within dark/grey zone.

(xxiii) Impact of blasting, noise and vibrations should be given.

(xxiv) Impacts of mining on the AAQ and predictions based on modeling using the ISCST-3 (Revised) or latest model should be provided.

(xxv) Impacts of mineral transportation within the mining area and outside the lease/project along with flow-chart indicating the specific areas generating fugitive emissions should be provided. Impacts of transportation, handling, transfer of mineral and waste on air quality, generation of effluents from workshop etc, management plan for maintenance of HEMM and other machinery/equipment should be given. Details of various facilities such as rest areas and canteen for workers and effluents/pollution load emanating from these activities should also be provided.



(xxvi) Effort be made to reduce/eliminate road transport of coal inside and outside mine and for mechanized loading of coal through CHP/ Silo into wagons and trucks/tippers.

(xxvii) Details of waste OB and topsoil generated as per the approved calendar programme, and their management shown in figures as well explanatory notes tables giving progressive development and mine closure plan, green belt development, backfilling programme and conceptual post mining land use should be given. OB dump heights and terracing based on slope stability studies with a max of 28° angle as the ultimate slope should be given. Sections of final dumps (both longitudinal and cross section) with relation to the adjacent area should be shown.

(xxviii) Efforts be made for maximising progressive internal dumping of O.B., sequential mining, external dump on coal bearing area and later rehandling into the mine void--to reduce land degradation.

(xxix) Impact of change in land use due to mining operations and plan for restoration of the mined area to its original land use should be provided

(xxx) Progressive Green belt and ecological restoration /afforestation plan and selection of species (native) based on original survey/land-use should be given.

(xxxi) Conceptual Final Mine Closure Plan and post mining land use and restoration of land/habitat to the pre-mining status should be provided. A Plan for the ecological restoration of the mined out area and post mining land use should be prepared with detailed cost provisions. Impact and management of wastes and issues of re-handling (wherever applicable) and backfilling and progressive mine closure and reclamation should be furnished

(xxxii) Flow chart of water balance should be provided. Treatment of effluents from workshop, township, domestic wastewater, mine water discharge, etc. should be provided. Details of STP in colony and ETP in mine should be given. Recycling of water to the max. possible extent should be done.

(xxxiii) Occupational health issues. Baseline data on the health of the population in the impact zone and measures for occupational health and safety of the personnel and manpower in the mine should be given

(xxxiv) Risk Assessment and Disaster Preparedness and Management Plan should be provided.

(xxxv) Integration of the Env. Management Plan with measures for minimizing use of natural resources - water, land, energy, etc. should be carried out.

(xxxvi) Cost of EMP (capital and recurring) should be included in the project cost and for progressive and final mine closure plan.

(xxxvii) Details of R&R. Detailed project specific R&R Plan with data on the existing socio-economic status of the population (including tribals, SC/ST, BPL families) found in the study area and broad plan for resettlement of the displaced population, site for the resettlement colony, alternate livelihood concerns/employment for the displaced people, civic and housing amenities being offered, etc and costs along with the schedule of the implementation of the R&R Plan should be given

(xxxviii) CSR Plan along with details of villages and specific budgetary provisions (capital and recurring) for specific activities over the life of the project should be given

(xxxix) Corporate Environment Responsibility:

- The Company must have a well laid down Environment Policy approved by the Board of Directors.
- The Environment Policy must prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions
- The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the EC conditions must be furnished
- To have proper checks and balances, the company should have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

- (xi) Details on Public Hearing should cover the information relating to notices issued in the newspaper, proceedings/minutes of Public Hearing, the points raised by the general public and commitments made by the proponent and the action proposed with budgets in suitable time frame. These details should be presented in a tabular form. If the Public Hearing is in the regional language, an authenticated English Translation of the same should be provided.
- (xli) In built mechanism of self-monitoring of compliance of environmental regulations should be indicated.
- (xlii) Status of any litigations/ court cases filed/pending on the project should be provided.
- (xliii) Submission of sample test analysis of Characteristics of coal. This should include details on grade of coal and other characteristics such as ash content, S and heavy metals including levels of Hg, As, Pb, Cr etc.
- (xliv) Copy of clearances/approvals such as Forestry clearances, Mining Plan Approval, mine closer plan approval NOC from Flood and Irrigation Dept. (if req.), etc wherever applicable.

B. Generic TOR for coal washery

- (i) Siting of washery is critical considering to its environmental impacts. Preference should be given to the site located at pit head; in case such a site is not available, the site should be as close to the pit head as possible and coal should be transported from mine to the washery preferably through closed conveyer belt to avoid air pollution
- (ii) The washery shall not be located in eco-sensitive zones areas
- (iii) The washery should have a closed system and zero discharge. The storm drainage should be treated in settling ponds before discharging into rivers/streams/water bodies.
- (iv) A thick Green belt of about 50 m width should be developed surrounding the washery.
- (v) A brief description of the plant alongwith a layout, the specific technology used and the source of coal should be provided.
- (vi) The EIA-EMP Repot should cover the impacts and management plan for the project of the capacity for which EC is sought and the impacts of specific activities, including the technology used and coal used, on the environment of the area (within 10km radius), and the environmental quality of air, water, land, biotic community, etc. through collection of data and information, generation of data on impacts for the rated capacity. Cumulative impacts for air and water should be a part of EIA in case coal mine, TPP and other washeries are located within 10km radius. The EIA should also include mitigative measures needed to minimize adverse environmental impacts
- (vii) A Study Area Map of the core zone as well as the 10km area of buffer zone showing major industries/mines and other polluting sources should be submitted. These maps shall also indicate the migratory corridors of fauna, if any and areas of endangered fauna; plants of medicinal and economic importance; any ecologically sensitive areas within the 10 km buffer zone; the shortest distance from the National Park/WL Sanctuary Tiger Reserve, etc. alongwith the comments of the Chief Wildlife Warden of the State Government.
- (viii) Data of one-season (non-monsoon) primary- base-line data on environmental quality of air (PM10, PM2.5, SOx and NOx, noise, water (surface and groundwater), soil be submitted.
- (ix) The wet washery should generally utilize mine water only. In case mine water is not available, the option of storage of rain water and its use should be examined. Use of surface water and ground water should be avoided.
- (x) Detailed water balance should be provided. The break-up of water requirement as per different activities in the mining operations vis-a-vis washery should be given. If the source of water is from surface water and/or ground water, the same may be justified besides obtaining approval of the Competent Authority for its drawl.
- (xi) The entire sequence of mineral production, transportation, handling, transfer and storage of mineral and waste, if any, and their impacts on air quality should be shown in a flow chart with specific points where fugitive emissions can arise and specific pollution control/mitigative

measures proposed to be put in place. The washed coal and rejects should be transport by train as far as possible. Road transport of washed coal and rejects should generally be avoided. In case, the TPP is within 10km radius, it should be through conveyer belt. If transport by rail is not feasible because of the topography of the area, the option for transport by road be examined in detail and its impacts along with the mitigation measures should be clearly brought out in EIA/EMP report.

(xii) Details of various facilities proposed to be provided in terms of parking, rest areas, canteen etc. to the personnel involved in mineral transportation, workshop and effluents/pollution load from these activities should be provided.

(xiii) Impacts of CHP, if any, on air and water quality should also be spelt out alongwith Action Plan

(xiv) O.M. no. J-IIOI3/25/2014-IA.1 dated 11th August, 2014 to be followed with regard to CSR activities.

(xv) Details of Public Hearing, Notice(s) issued in newspapers, proceedings/minutes of Public Hearing, points raised by the general public and response/commitments made by the proponent along with the Action Plan and budgetary provisions be submitted in tabular form. If the Public Hearing is in the regional language, an authenticated English translation of the same should be provided. Status of any litigations/ court cases filed/pending, if any, against the project should be mentioned in EIA.

(xvi) Analysis of samples indicating the following be submitted:

Characteristics of coal prior to washing (this includes grade of coal, other characteristics of ash, S and heavy levels of metals such as Hg, As, Pb, Cr etc).

Characteristics and quantum of coal after washing.

Characteristics and quantum of coal rejects.

(xvii) Details of management/disposal/use of coal rejects should be provided. The rejects should be used in TPP located close to the washery as far as possible. If TPP is within a reasonable distance (10 km), transportation should be by conveyor belt. If it is far away, the transportation should be by rail as far as possible.

(xviii) Copies of MOU/Agreement with linkages (for stand-alone washery) for the capacity for which EC is being sought should be submitted.

(xix) Corporate Environment Responsibility:

a) The Company must have a well laid down Environment Policy approved by the Board of Directors

b) The Environment Policy must prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions

c) To have proper checks and balances, the company should have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large

(xx) A detailed action Plan for Corporate Social Responsibility for the project affected people and people living in and around the project area should be provided.

(xxi) Permission of drawl of water shall be pre-requisite for consideration of EC

(xxii) Wastewater /effluent should confirm to the effluent standards as prescribed under Environment (Protection) Act, 1986

(xxiii) Details of washed coal, middling and rejects along with the MoU with the end-users should be submitted.


5. This grant of Terms of Reference for the said project is further subject to the general conditions as under:-

(i) All documents should be properly indexed, page numbered.

- (ii) Period/date of data collection should be clearly indicated.
- (iii) Authenticated English translation of all material provided in Regional languages.
- (iv) After the preparation of the draft EIA-EMP Report as per the aforesaid TOR, the proponent shall get the Public Hearing conducted as prescribed in the EIA Notification 2006 and take necessary action for obtaining environmental clearance under the provisions of the EIA Notification 2006.
- (v) The letter/application for EC should quote the MOEF file No. and also attach a copy of the letter prescribing the TOR.
- (vi) The copy of the letter received from the Ministry on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
- (vii) General Instructions for the preparation and presentation before the EAC of TOR/EC projects of Coal Sector should be incorporated/followed.
- (viii) The aforesaid TOR has a validity of three years only.
- (ix) Grant of TOR does not necessarily mean grant of EC.
- (x) Grant of TOR/EC to the present project does not necessarily mean grant of TOR/EC to the captive/linked project.
- (xi) Grant of TOR/EC to the present project does not necessarily mean grant of approvals under the Forest (Conservation) Act, 1980 or the Wildlife (Protection) Act, 1972.
- (xii) Grant of EC is also subject to circulars issued under the EIA Notification 2006, which are available on the MOEF website: www.envfor.nic.in

6. You are required to submit the final EIA/EMP prepared as per TORs to the Ministry within 3 years as per this Ministry's O.M No.J-11013/41/2006-IA II (I) dated 22nd August, 2014 for considering the proposal for environmental clearance

7. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India / National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide Notification of the MoEF dated 19th July, 2013.


 23/3/2017
 (S K Srivastava)
 Scientist E

Copy to:

The Member Secretary, Chhattisgarh Environment Conservation Board, Commercial Complex, C.G. Housing Board Colony, Kabir Nagar, District Raipur (Chhattisgarh) – 492 099





RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD.

(A Govt. Of Rajasthan Undertaking)

Corporate Identity Number (CIN): U40102RJ2000SGC016484

Regd. Office & H.O. Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur - 302 005.

Tel/Fax No. 0141-2744977 2740006 Email: info@rvun.co.in

No. RVUN/ACE (Fuel)/Dy. CE(Fuel)/D. 1562

Dated: 18.07.17

The Member Secretary,
Chhattisgarh Environment Conservation Board,
Paryavas Bhavan, North Block Sec -19,
Naya Raipur - 492002 (C.G.)

Sub:- Submission of draft EIA/EMP for conduct of Public Hearing for the proposed Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited (RRVUNL) in a total area of 1252.447 ha in Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh)

Ref:- MoEF & CC Terms of Reference Letter no:- J-11015/76/2016 IA.II (M) dated 23.03.2017.

Dear Sir,

In reference to the subject matter, it is to kindly inform that RVUN has applied for obtaining 'Environmental Clearance' for the proposed 'Parsa' Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA in a total area of 1252.447 ha in Hasdeo-Arand Coal Field in Districts Surguja & Surajpur Districts (Chhattisgarh), as per MoEF&CC Terms of Reference Letter no: J-11015/76/2016-IA.II (M) dated 23.03.2017.

In this regard, please find enclosed herewith Draft EIA/EMP Report along with requisite fee for conduct of Public Hearing (Demand Draft No. 505446 dated 18.07.2017 for an amount of Rs 10,000.00 (Ten Thousands only), in favor of Member Secretary, CECB, payable at Raipur towards fees for conducting public hearing. Also, following documents are also being submitted:

1. Demand Draft an amount of Rs 10,000
2. Draft EIA/EMP Report English (24 Hard + 24 Soft Copy)
3. Draft EIA/EMP Report Hindi (24 Hard + 24 Soft Copy)
4. Executive Summary in English (24 Hard + 24 Soft Copy)
5. Executive Summary in Hindi (24 Hard + 24 Soft Copy)

Further, we undertake to fulfill all conditions that have been imposed on us as mentioned in TOR issued by MOEF& CC, also request you to please do the needful so that public hearing proceedings are completed well in time.

Thanking You,

Encl.: As above

Yours sincerely,

(K.L. Meena)
Addl. Chief Engineer (Fuel)
RVUN, Jaipur





50893 P08

CHHATTISGARH ENVIRONMENT CONSERVATION BOARD
Paryavas Bhawan, Sector - 19,
Naya Raipur (C.G.) 492002

No. /TS/CECB/2017

Naya Raipur, Dated:

To,

The Secretary,
Government of India,
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhavan, Level-2 Prithvi, Jorbag Road,
Aliganj,
New Delhi-110003

Sub: Proceeding of Public Hearing conducted as per provision of Environment Impact Assessment Notification, 14/09/2006 for proposed Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA having total lease area of 1252.447 ha. at Hasdeo-Arand Coal Field in District- Surguja and Surajpur by M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited.

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The Chhattisgarh Environment Conservation Board has conducted Public Hearing on 29/10/2017 at Ground, in front of Govt. Middle School, Basan, Tehsil- Udaipur, District- Surguja (C.G.) for proposed Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA having total lease area of 1252.447 ha. at Hasdeo-Arand Coal Field in District- Surguja and Surajpur by M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited as per the provisions of Environment Impact Assessment Notification, 14/09/2006.

The Chhattisgarh Environment Conservation Board has also conducted Public Hearing on 12/11/2017 at Ground of Govt. Higher Secondary School, Tara, Tehsil- Premnagar, District- Surajpur (C.G.) for proposed Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA having total lease area of 1252.447 ha. at Hasdeo-Arand Coal Field in District- Surguja and Surajpur by M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited as per the provisions of Environment Impact Assessment Notification, 14/09/2006.

The proceedings of both public hearing and other documents are enclosed herewith in original for necessary action please.

Encl:

- A. Public Hearing at District - Surguja (C.G.)
1. News clippings of public notices (Page No. 01 to 04)
 2. Objections/Suggestions received in the Regional Office Ambikapur and HO, Raipur (Page No. 01 to 220)
 3. Objections/Suggestions received during public hearing (Page No. 01 to 757)
 4. Statement of main issues raised in the public hearing & reply of the project proponent. (Page No. 01 to 29)
 5. Objections/Suggestions received after public hearing & reply of the project proponent (Page No. 01 to 44)
 6. Attendance sheet (Page No. 01 to 17)
 7. Proceedings of public hearing (Page No. 01 to 37)



8. Videography CD of public hearing (01 Set having 09 Nos.CD)
9. C.D. of the proceedings of public hearing (01 set having 01 No.CD)

B Public Hearing at District - Surajpur (C.G.)

1. News clippings of public notices (Page No. 01 to 04)
2. Objections/Suggestions received in the Regional Office Ambikapur (Page No. 01 to 08)
3. Objections/Suggestions received during public hearing (Page No. 01 to 988)
4. Statement of main issues raised by the public during the public hearing & reply of the project proponent. (Page No. 01 to 25)
5. Attendance sheet (Page No. 01 to 51)
6. Proceedings of public hearing (Page No. 01 to 53)
7. Videography CD of public hearing (01 Set having 02 Nos.CD)
8. C.D. of the proceedings of public hearing (01 set having 01 No.CD)

Member Secretary
Chhattisgarh Environment Conservation Board
Naya Raipur(C.G.)

Endt. No. ⁵³⁴⁵ /TS/CECB/2017
Copy to :-

Naya Raipur, Dated 28/12/17

1- Shri K.L.Meena, Additional Chief Engineer (Fuel), Rajasthan Rajya Vidyut Utpadan Nigam Limited, Office & H. O. Vidyut Bhawan, Janpath Jyoti Nagar, Jaipur (Rajasthan)-302 005. Please find enclosed herewith a photocopy of public hearing documents including videography of Public Hearing for further submission to Ministry of Environment, Forests, & Climate Change, Government of India for obtaining Environmental Clearance.

2- Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Ambikapur

Encl: As above

Member Secretary
Chhattisgarh Environment Conservation Board
Naya Raipur(C.G.)



संलग्नक - 01

①

कलेक्टर एवं जिला मजिस्ट्रेट सूरजपुर (छत्तीसगढ़)

क.प्र.सं. 37 / लायसेंस / 2017

सूरजपुर दिनांक 07 / 10 / 2017

क्षेत्रीय अधिकारी

छ0ग0 पर्यावरण संरक्षण मंडल

अम्बिकापुर जिला सरगुजा छ0ग0

विषय:- मेसर्स राजस्थान राज्य विद्युत उत्पादन निगम लिमिटेड द्वारा जिला सरगुजा एवं सूरजपुर (छ0ग0) में प्रस्तावित परसा ओपन कास्ट कोल माईन प्रोजेक्ट-3 एमटीपीए एवं पीट हेड कोल वॉशरी-5 एमटीपीए के पर्यावरणीय स्वीकृति हेतु लोक सुनवाई बाबत।

संदर्भ:- आपका पत्र क्रमांक / 996 / क्षे.का. / छ0ग0म0सं0मं0 / 2017 दिनांक 06.09.2017

---00---

उपरोक्त विषयांतर्गत संदर्भित पत्र द्वारा मेसर्स राजस्थान राज्य विद्युत उत्पादन निगम लिमिटेड द्वारा प्रस्तावित परसा ओपन कास्ट कोल माईन प्रोजेक्ट-5 एमटीपीए एवं पीट हेड कोल वॉशरी-5 एमटीपीए के पर्यावरणीय स्वीकृति हेतु लोक सुनवाई के लिये नामांकित अध्यक्ष एवं तिथि समय व स्थान निम्नानुसार नियत किया जाता है।

1. अध्यक्ष - श्री एस0एन0 राम अपर कलेक्टर सूरजपुर।
2. लोक सुनवाई की तिथि - दिनांक 12 नवम्बर 2017
3. समय - 11.00 बजे पूर्वान्ह से।
4. स्थान - शासकीय उच्चतर माध्यमिक शाला तारा के मैदान में, तहसील प्रेमनगर जिला सूरजपुर।

कृपया जन सुनवाई हेतु आवश्यक कार्यवाही सुनिश्चित करें।

कलेक्टर

सूरजपुर (छ0ग0)

क्रमांक 47374 / लायसेंस / 2017

सूरजपुर दिनांक 07 / 10 / 2017

प्रतिलिपि-

- 1-सदस्य सचिव, मुख्यालय छ0ग0 पर्यावरण मंडल रायपुर (छ0ग0) की ओर सूचनार्थ।
- 2-अपर कलेक्टर सूरजपुर जिला सूरजपुर को सूचनार्थ एवं अग्रिम आवश्यक कार्यवाही हेतु।
- 3-अधीक्षण अभियंता, (पयूल) मे0 राजस्थान राज्य विद्युत उत्पादन निगम लिमिटेड सीआर हाईट्स खरसिया रोड अम्बिकापुर जिला सरगुजा को आवश्यक कार्यवाही हेतु सूचनार्थ।

अधीक्षण अभियंता
07/10/17



Forwarded message -----

From: <monitoring-ec@nic.in>

Date: Wed, Jan 10, 2018 at 5:41 PM

Subject: Acknowledgement Slip for EC application

To: sk.smree66@nic.in, fuel.rvun@gmail.com

Cc: sakhare.pr@nic.in, monitoring-ec@nic.in, khushi.singh@gov.in

Acknowledgement Slip for EC application

This is to acknowledge that the proposal has been successfully uploaded on the portal of the Ministry. The proposal shall be examined in the Ministry to ensure that required information has been submitted. An email will be sent seeking additional information, if any, within 20 working days. Once verified, an acceptance letter shall be issued to the project proponent.

Following should be mentioned in further correspondence

1. Proposal No. : IA/CG/CMIN/59215/2016
2. Category of the Proposal : Coal Mining
3. Name of the proposal : Parsa Opencast Coal Mine Project (5 MTPA) and Pit Head Coal Washery (5 MTPA)
4. Date of Receipt of Proposal : 10 Jan 2018
5. Date of TOR Granted : 23 Mar 2017
6. Date of submission for EC : 10/01/2018
6. Name of the Project proponent along with contact details
 - a) Name of the proponent : RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LIMITED
 - b) State : Chhattisgarh
 - c) District : Surajpur
 - d) Pincode : 302005



**26th EAC (THERMAL & COAL MINING PROJECTS) MEETING
SCHEDULED FOR 15-16 February, 2018.**

AGENDA

Venue: Teesta Conference Hall, 1st Floor, Vayu Wing,
Indira Paryavaran Bhawan, Jorbagh, New Delhi-110003.

Pl. check the MoEF website: <http://environmentclearance.nic.in/Report/Default3.aspx>

Important Note:

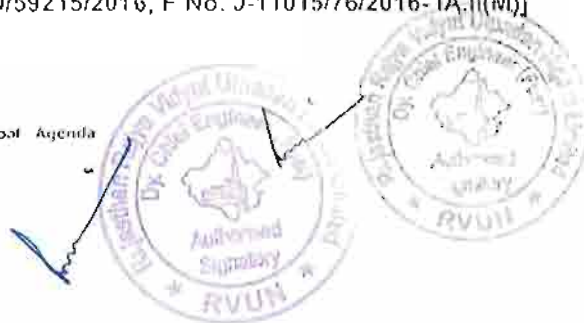
- i. Please send the information as per Annexure 1 by E-mail in word format and also a signed & scanned copy, to the Member-Secretary at sk.smree66@nic.in at least one week prior to the EAC meeting.
- ii. Please send soft copies of all project-related documents that have been uploaded onto the MOEFCC website to EAC members by e-mail [indicating agenda item numbers] immediately upon receiving this communication, and send hard copies of the same documents [indicating agenda items] to all the EAC members, at least one week prior to the meeting and ensure the receipt of same.
- iii. Non receipt of the project will lead to deferment of the project.
- iv. Please also provide a hard copy of presentation to the EAC Members during the meeting.
- v. The Project Proponent should carry the KML/Shape Files of the mine lease area at the time of presentation before EAC and to present on the details of mine lease online to show the present status of mine lease
- vi. The KML/Shape files should be emailed on the below mentioned email addresses at least 10 days prior to the meeting
- vii. The Project Proponent to show the transportation route of minerals on maps during presentation.
- viii. Without this information, EAC has discretion to invite the proponent for the meeting.
- ix. No consultant is permitted into the meeting who has no accreditation with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) as per the MoEF OM dated 2nd December, 2009

COAL MINING PROJECTS

Time: 10.00 AM: Thursday: 15 February, 2018

- 26.1 Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh) – For EC

[IA/CG/CMIN/59215/2016, F No. J-11015/76/2016- IA.II(M)]



Final minutes of the 26th meeting of the EAC held on 15-16 February, 2018 for appraisal of Coal mining projects

A. The 26th meeting of the Expert Appraisal Committee (EAC) for Thermal & Coal mining projects was held on 15-16 February, 2018 in the Ministry to consider the proposals relating to coal mining sector. The lists of participants and the project proponents are at Annexure-I & II respectively.

B. Confirmation of minutes

There being no comments from any of the members of the Committee, minutes of the 24th meeting of the EAC held on 11th January, 2018 were confirmed.

C. Details of the proposals considered during the meeting, deliberations made and the recommendations of the Committee, are explained in the respective agenda items as under:-

Agenda No.26.1

Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajashtan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh) - For EC

[IA/CG/CMIN/59215/2016, F No. J-11015/76/2016- IA.II(M)]

26.1.1 The proposal is for grant of Environmental clearance to Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajashtan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252 447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh).

26.1.2 The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

- (i) The project was accorded ToR vide letter dated 23rd March, 2017.
- (ii) The latitude and longitude of the project are 22° 48'57.01" and 22°51'56.85" N, and 82° 45'10.50" and 82° 47'22.86" E respectively
- (iii) Joint Venture: There is no Joint Venture
- (iv) Coal Linkage

Sr. No.	Name of Specified end use plant	Address	Configuration	Capacity
1	Chhabra TPP (Unit 3, 4, 5 & 6)	MotipuraChoki, Chhabra, Baran district, Rajasthan	2 x 250 MW 2 x 660 MW	1820 MW
2	Kalisindh TPP (Unit 1 & Unit 2)	Village-Undal, Jhalrapatan tehsil, Jhalawar district, Rajasthan	2 x 600 MW	1200 MW
3	Suratgarh Supercritical TPP (Unit 7 & Unit 8)	Thukrana, Suratgarh tehsil, Shriganganagar district, Rajasthan	2 x 660 MW	1320 MW

(v) Employment generated / to be generated: The total manpower required for Parsa Opencast Coal Mine Project for 5 MTPA coal production, is assessed at 768 till 3rd year of mine operation (target achieving year).

(vi) Benefits of the project:

- Coal from this project will be used in power generation in Rajasthan, which will help in reducing gap in demand and production of electricity in the state.
- **Improvement in the Physical Infrastructure-** The basic requirement of the, local community needs will be strengthened by extending health care, educational facilities developed in the township to the community, providing drinking water to the villages, strengthening of existing roads in the area. RVUNL will initiate the above amenities either by providing or by improving the facilities in the area, which will help in uplifting the living standards of local communities.
- **Improvement in the Social Infrastructure-** Generation of indirect employment and improved standard of living; establishment of small and medium scale engineering ancillaries; increased revenue to the State by way of royalty, taxes and duties; and better communication and transport facilities etc.
- **Indirect benefit of the project-** Development of coal block will also boost the local economy and result in creation of new infrastructure facilities and establishment of commercial institution such as improvement in transportation, setting up hotel, banking, medical, education, construction and development of allied industries and mechanical workshops etc., these will create more employment opportunities for the local people. With improvement in local economy and with increase in employment opportunities there will be overall improvement in standard of living of the local people.
- **Corporate Social Responsibility-** Keeping in view the requirement of community around project, the CSR programmes under this project shall be implemented in the areas such as Rural Infrastructure development, Health & Sanitation, Education, Skill and entrepreneurship development, Livelihood Development & farmers productivity.

(vii) The total project area is 1252.447 ha. Mining lease area as per approved Mining Plan is 1252.447 Ha. The land usage of the project will be as follows:

Pre-Mining:

S.N.	LANDUSE	Within ML Area(ha)	Outside ML Area(ha)	TOTAL
1.	Agricultural land	365.366	Nil	365.366
2.	Wasteland			
3.	Grazingland			
4.	Settlements			
5.	Surface water Bodies			
6.	Foresland	841.538	Nil	841.538
7.	Others (Government Land)	45.543	Nil	45.543
	TOTAL	1252.447	Nil	1252.447

Post- Mining:

S. No.	Type	During Mining (ha)	End of Life (ha)	Land Use (ha)					TOTAL
				Plantation	Water Body	Public Use	Agriculture land	Grass/ greenbelt	
1.	External OB Dump	64.084	64.084	40.706	-	-	-	23.378	64.084
2.	Top soil Dump	2.600	2.600	-	-	-	-	2.600	2.600
3.	Excavation	1129.375	1129.375	371.513	317.767	-	440.095	-	1129.375
4.	Coal evacuation route and approach Roads	2.370	2.370	0.474	-	1.896	-	-	2.370
4.	Electric Line & infrastructure area	13.228	13.228	2.646	-	10.582	-	-	13.228
5.	CHP & Washery	13.586	13.586	2.718	-	8.694	-	2.174	13.586
6.	Diversion of Nala	14.801	14.801	-	-	14.801	-	-	14.801
7.	Settling Ponds	2.260	2.260	-	2.260	-	-	-	2.260
8.	GreenBell	-	-	-	-	-	-	-	-
9.	Rationalization Area	10.143	10.143	10.143	-	-	-	-	10.143
	TOTAL	1252.447	1252.447	428.200	320.027	35.973	440.095	28.152	1252.447

Core area

Sl. No.	Particular	Land (ha)
A	Mining	
	Excavation area & barrier	1129.375
B	Infrastructure & OB dump area	
1	External dump	64.084
2	Top soil dump	2.600
3	Electric line & infrastructure area	13.228
4	Coal evacuation route & approach Road	2.370
5	CHP & Washery	13.586
6	Diversion of nala	14.801
7	Settling pond	2.260
8	Rationalization area	10.143
	Total (B)	123.072
	Grand total (A + B)	1252.447

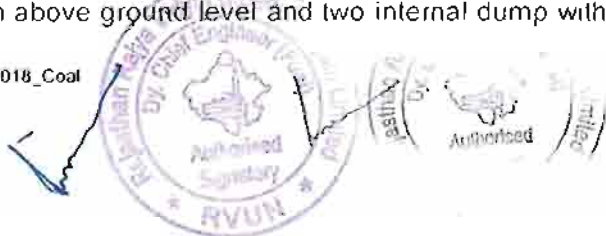
(viii) The total geological reserve is 256.40 MT. The mineable reserve 184.26 MT, extractable reserve is 200.41 MT. The per cent of extraction would be 78.16%.

(ix) The coal grade is E to G. The stripping ratio is 6.12 Cum/tonne. The average Gradient is 2° to 6° Three coal seams (Seam-VI, Seam-V & Seam-IV) with thickness ranging upto 8.62m shall be extracted

(x) Total estimated water requirement is 2385 m³/day. The level of ground water ranges from 3m to 25m.

(xi) The mining would be done opencast. Overburden shall be removed by shovel-dumper combination and coal shall be extracted by surface miner

(xii) There shall be two external OB dumps with quantity of 21.02 Mm³ in an area of 64.084 ha with height of 60 m above ground level and two internal dump with Quantity of 1206.17 Mm³ in an



area of 1059.092 ha. The final mine void would be in 70.278 ha with maximum depth of 30 m and the total quarry area shall be 1129.375 ha. Backfilled quarry area of 1059.092 ha shall be reclaimed with plantation. A void of 70.278 ha with max. depth 30 m which is proposed to be converted into a water body.

(xiii) Baseline data was collected by consultant over a period of three months from March 2017 to May 2017 representing pre-monsoon season. Ambient Air Quality levels are within the prescribed limit of NAAQS. Summary of Data from March, 2017 to May, 2017 is given below-

Particulars	Concentration		NAAQS
	Min	Max	
PM 2.5	20.00	32.30	60 $\mu\text{g}/\text{m}^3$
PM10	31.80	61.50	100 $\mu\text{g}/\text{m}^3$
SO ₂	8.70	13.70	80 $\mu\text{g}/\text{m}^3$
NO ₂	10.20	16.80	80 $\mu\text{g}/\text{m}^3$
CO	0.396	0.24	2 mg/m^3

(xiv) The life of mine. For the rated output of 5.0 MTPA, the life of the mine has been estimated as 45 years including three years of construction period.

(xv) Transportation:

- In pit: Coal is proposed to be transported from in pit to surface (CHP & Washery) by belt conveyor after initial 4 years of mine development in which coal transportation will be done by dump trucks.
- Surface to siding: It is envisaged to transport coal from CHP to Silo by belt conveyor.
- Siding at loading: Wagon loading will be done through SILO with inbuilt Rapid Loading System.

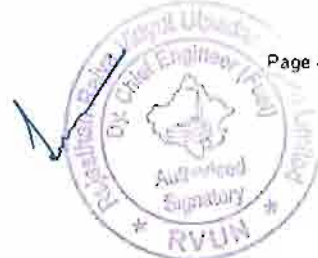
(xvi) R&R cost shall be estimated during Land Acquisition process. There are 995 families are being affected, out of which 584 are land loser and 411 are homestead as well as land loser families from six villages namely Salhi, Ghatbarra, Hariharpur, Fatehpur of Udaypur Tehsil, Surguja District & Janardanpur & Tara of Premnagar Tehsil, Surajpur District.

(xvii) Total capital cost of the project is Rs. 1960 Crores. CSR Cost: Capital Cost- Rs. 5.85 Crore while recurring cost- Rs. 1.5 Crore from 2nd Year onward (Rs. 75 Lakh for first year). R&R Cost: R&R cost shall be estimated during land acquisition process. Environmental Management Cost: Capital Cost: Rs. 2514.60 Lakh & Recurring Cost: Rs. 677.60 Lakh.

(xviii) Water body: Aternadi flows at a distance of 1.9 Km from Northern Boundary of the block. The area is incised by a prominent nala flowing from SW to NE in the northern part of the block and joins the Aternadi. The Aternadi and this stream together control the drainage of the area. The southern part of the block is free from the presence of any prominent nala.

(xix) Ground water clearance applied on 3rd November 2017. Board's approval for Mine Closure Plan obtained on 11th May 2016. Mine Plan & Mine Closure Plan approved by Ministry of Coal vide letter File No. 34011/24/2016-CPAM dated 10th November 2016. Mine closure plan is an integral part of mining plan.

(xx) No wildlife sanctuary is present in 10 Km radius of the project. Wildlife Management Plan with a budgetary provision of Rs. 1216 Lakh has been approved by Wildlife Department, Government of Chhattisgarh vide letter dated 8th June 2017.



(xxi) Total forest area involved 841 538 ha for mining. Application for diversion of forest land submitted vide proposal number FP/CG/MIN/20742/2016 dated 4th August 2016. Proposal is being processed at State level.

(xxii) Total afforestation plan shall be implemented covering an area of 456.352 ha (428.200 ha plantation + 28.152 ha greenbelt/grass) at the end of mining. Green Belt over an area of 28.152 ha. Density of tree plantation shall be 2500 trees/ha.

(xxiii) There are no court cases/violation pending with the project proponent.

(xxiv) Public hearing was organized in two districts as per details mentioned below-

District	Place	Date
Surguja	Government Pre-Secondary School, Village-Basen	29 th October 2017
Surajpur	Government Senior Secondary School, Village-Tara	12 th November 2017

The issues raised during the PH includes Draft E.I.A.; permission from Gram Sabha is required for Project but no such permission sought from Gram Sabha for project, hence this public hearing is illegal. As livelihood of most of the population is dependent over agriculture and forests, it will be lost due to the mining and also tribal culture will be affected, danger for Wildlife residing in the forest area of the vicinity. This area is known for frequent visit of Elephants and this is an elephant corridor which is not mentioned in the EIA report; Ground water will be affected due to 700 to 900 feet depth in operation of this coal mine and there will be shortage of drinking water in the area; proposed project would result in air and water pollution in the area which will impact residents and wildlife; Cumulative Impacts of adjacent Parsa East & Kanta Basan has not been considered in EIA/EMP Report of the proposed project, Nala diversion has been concealed for project; Information related to use of reject of coal from washery has not been mentioned in Draft EIA/EMP Report clearly.

26.1.3 During deliberations on the proposal, the Committee noted the following:-

The proposal is for environmental clearance to Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja and Surajpur (Chhattisgarh).

Out of the total project area, forest land involved is 841.538 ha. Stage-I forest clearance for the same was reported to be under process, and thus yet to be diverted for non-forestry purposes.

Mining Plan was approved by Ministry of Coal vide letter File No 34011/24/2016-CPAM dated 10th November, 2016. Mine closure plan is an integral part of the Mining Plan.

Terms of reference for the project was granted on 23rd March, 2015. Public hearing was conducted by SPCB in two districts, namely Surguja on 29th October 2017 and Surajpur 12th November 2017. Main issues raised during the public hearing included permission required from Gram Sabha, loss of agriculture and forests affecting livelihood, impact on ground water availability, pollution concerns, cumulative impact of nearby/adjoining mining projects, diversion of nala, etc. The project proponent has submitted the action plan along with the timeline and funding management, to address the issues, suggestions and the representations received during public consultations.



Baseline air quality values at ambient air quality monitoring stations, would be in the range of 20-32.30 ug/m³ for PM_{2.5}, 31.80-61.50 ug/m³ for PM₁₀, SO₂ from 8.70 -13.70 ug/m³ and NO_x from 10.20 -16.80 ug/m³, and thus meeting the prescribed standards.

26.1.4 The Committee, after deliberations and taking cognizance of the concerns raised during public hearing, desired for clarifications and details in respect of the following:-

- (i) The response of the project proponent 'MoEF&CC will grant Environment Clearance to the project only after thorough scrutiny of EIA/EMP Report through Expert appraisal Committee' to the queries raised during public hearing regarding authenticity of data and facts mentioned in the EIA/EMP reports, was not acceptable. The Committee asked for an undertaking in this regard to be furnished by the project proponent
- (ii) Comments from the State Tribal Welfare Department regarding permission for the project from Gram Sabha, impact on livelihood of tribal population, and their concurrence as per the provisions of the Panchayats Extension to Scheduled Areas Act, 1996 (PESA Act) as applicable in the instant case.
- (iii) The State Water Resources/Irrigation Department of the State Government to assess the cumulative impact of diversion of streams, and existing and proposed mining operations on Hasdeo river.
- (iv) Opinion of the State Wild Life Board regarding impact of existing and proposed mining operations on elephant movement and other wild life species needs to be sought, in view of part of the area proposed for Lemru Elephant Reserve

Agenda No.26.2

Expansion of Tapin South Open Cast Coal Mine Project from 0.6 MTPA to 2.00 MTPA Normative/2.50 MTPA Peak with an increase in ML area from 134.56 ha to 188.66 ha for Phase-I and from 223.05 ha to 277.15 ha for Phase-II of M/s Central Coalfields Limited, located in District Ramgarh (Jharkhand)- For EC

[IA/JH/CMIN/18640/2013, F No. J-11015/155/2013- IA.II(M)]

26.2.1 The proposal is for grant of Environmental Clearance to expansion of Tapin South Open Cast Coal Mine project from 0.6 MTPA to 2.00 MTPA (Normative)/2.50 MTPA (Peak) with increase in mine lease from 134.56 ha to 178.06 ha in Phase-I and 223.05 ha to 277.15 ha in Phase-II of M/s Central Coalfields Limited located in District Ramgarh (Jharkhand).

26.2.2 The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

- (i) The project for Tapin South Expansion OCP from 0.06 MTPA to 2 MTPA (Normative)/2.50 MTPA (peak) was accorded TOR vide letter No J-11015/155/2013-IA II(M) dated 20th May, 2014 which was further modified vide letters dated 29th May, 2015 and 1st September, 2015.
- (ii) Project Report of Tapin South Expansion OCP was approved by CCL Board in August, 2012 with project area of 277.15 ha. The mining operations are to be expanded in two phases. During phase-I, all mining and allied activities shall be limited to 178.06 ha of non-forest



बैठक कार्यवाही विवरण

दिनांक : 18/01/24

अध्यक्ष : प्र.प्र.प्र.

स्थान : ...

समय : 10:00 AM

विषय : ...

संयोजक प्रशासिका की अध्यक्षता में बैठक का सारांश

क्र.	अध्यक्ष की अध्यक्षता में बैठक का सारांश	विषय	संयोजक प्रशासिका की अध्यक्षता में बैठक का सारांश
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महाराष्ट्र शासन

जन्मपद प्रचारयते

உதாரணம்: ஆர். ரமணி:

पंचायत के बैठकों की कार्यवाही का स्थान

दिनांक

18/8/81

150

क्र.	उपस्थित पंनों के नाम / सदस्यों का नाम	विषय	सैक कार्यवाही का संक्षिप्त विवरण	प्रत्याव जो पारित हुआ	पंनों का हस्ताक्षर या अंगूठे का निशान
1	सुभाष चंद्र बोस		सुभाष चंद्र बोस के नाम पर एक पत्र लिखा गया था जिसमें उनके बारे में जानकारी दी गई थी।		
2	जवाहर लाल नेहरू		जवाहर लाल नेहरू के नाम पर एक पत्र लिखा गया था जिसमें उनके बारे में जानकारी दी गई थी।		
3	महात्मा गांधी		महात्मा गांधी के नाम पर एक पत्र लिखा गया था जिसमें उनके बारे में जानकारी दी गई थी।		
4	सुभाष चंद्र बोस		सुभाष चंद्र बोस के नाम पर एक पत्र लिखा गया था जिसमें उनके बारे में जानकारी दी गई थी।		
5	जवाहर लाल नेहरू		जवाहर लाल नेहरू के नाम पर एक पत्र लिखा गया था जिसमें उनके बारे में जानकारी दी गई थी।		
6	महात्मा गांधी		महात्मा गांधी के नाम पर एक पत्र लिखा गया था जिसमें उनके बारे में जानकारी दी गई थी।		

ग.वि. र.बल. - साई ऑफिसेंट एण्ड स्टेशनरी, उदयपुर

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દાલિય રમણ • શાંત્વ ઓફસેટ લગ્ન સ્ટેશનરી, ઉદયપુર

हस्तक्षर अचिव

हस्तक्षार मरपंच



(4)

जिला सरपंच

उत्तर प्रदेश

विकास विभाग

पंचायत के बैठकों का कार्यवाही

रजिस्टर

पृष्ठ सं.

क्र.सं.	वर्ष	दिनांक	विषय	विवरण	कार्यवाही	प्रस्तावित कार्य	दिनांक
1	2	3	4	5	6	7	8
1							
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ग्राम सभा कार्यवाही पंजी

ग्राम सभा के कार्यवृत्त अभिलेख

ग्राम पंचायत का नाम 2. सम्मेलन की तारीख 24.11.2018 3 सम्मेलन का स्थान 29 नवम्बर

4. सम्मेलन का सचिव का नाम 5. उपस्थित सदस्यों की संख्या 12

अनुक्रमिक 1	ग्राम सभा के समक्ष रखे गये विषय 2	सम्मेलन के कार्यवृत्त 3
प्रस्ताव 30.22 कोल ब्लॉक प्रारम्भ विशेष जॉन लाबर्स अनापत्ति के सम्बन्ध में।	आज दिनांक 24/11/2018 को ग्राम स्मिटरपुर में ग्राम सभा 2018 में विषय ग्राम सभा के अन्तर्गत की अद्यतनता-सर्व सदस्यों से वोटिंग को चयन विषय ग्राम सभा के अन्तर्गत की अद्यतनता-सर्व सदस्यों से वोटिंग को चयन प्रस्ताव पर चर्चा किया गया और अर्जित-अधिकारियों 2013 आदर्श पुनर्गठन नियम 2007 एवं ग्राम सभा की सचिवालय से उचित सुझावों पर अवधारण के लिए जान पट कोल ब्लॉक के लिये कर रहे हैं आपत्ति नहीं है। प्रस्ताव सर्व सदस्यों से पारित।	<p>सचिव</p> <p>ग्राम पंचायत-साल्ही बपे-जयपुर, जयपुर (रा.)</p> <p>24/11/2018</p>

सचिव
ग्राम सभा-सचिव
24 नवम्बर 2018

सचिव
ग्राम सभा-सचिव
24 नवम्बर 2018

स्थान
तारीख
जिला
जिलाधिकारी एवं सचिव



सचिव



सचिव

कागज की खोज की

आज का दिन - 15.10.2016

क्र.सं.	वर्ग	वर्ग	वर्ग	वर्ग	वर्ग
01	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी
02	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी
03	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी
04	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी
05	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी
06	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी
07	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी
08	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी	विद्यार्थी

विद्यार्थी



**Annexure-III Letter from State Tribal Welfare Department
to DC, Surguja & Surajpur**



छत्तीसगढ़ शासन
आदिम जाति तथा अनुसूचित जाति विकास विभाग
मंत्रालय
महानदी भवन, नया रायपुर

कमांक 4223/563/2018/25-2/
प्रति.

नया रायपुर, दिनांक 18 MAY 2018

कलेक्टर,
जिला-सरगुजा/सूरजपुर

विषय :- Clarifications sought by Expert Appraisal Committee (Thermal & Coal Mining) in its meeting held on 15th February 2018 for Parsa Opencast Coal Mine Project of 5 MTA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in Districts Surguja & Surajpur (Chhattisgarh)- For Environment Clearance.

संदर्भ :- राजस्थान राज्य विद्युत उत्पादन निगम लिमिटेड जयपुर का पत्र कमांक VUUN/CE/(Fuel)/D.620 दिनांक 16-04-2018

उपर्युक्त विषयान्तर्गत संदर्भित पत्र मय सहपत्रों की छायाप्रति संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित है। कृपया निम्नांकित बिन्दुओं के संबंध में स्पष्ट अभिमत उपलब्ध कराने का कष्ट करें :-

- (1) Permission of project from Gram Sabha.
- (2) Impact on livelihood of Tribal Population.
- (3) Concurrence of Tribal Population as per the provisions of the PESA Act.

संलग्न :- यथोपरि

(रीना बाबासाहेब कगाल)
विशेष सचिव

छत्तीसगढ़ शासन

आ.जा.तथा अनु.जा.वि.विभाग

पृ.कमांक 4223/563/2018/25-2/
प्रतिलिपि :-

नया रायपुर, दिनांक 18 MAY 2018

- 1- सचिव, भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, (कोल माईनिंग) इंदिरा पर्यावरण भवन, जोरबाग रोड़ उत्तर दिल्ली-3
- 2- राजस्थान राज्य विद्युत उत्पादन निगम लिमिटेड, विद्युत भवन, जनपथ, ज्योति नगर, जयपुर 302 005 की ओर सूचनार्थ।

विशेष सचिव

छत्तीसगढ़ शासन

आ.जा.तथा अनु.जा.वि.विभाग



Annexure-IV-a NOC of DC Surguja and Gram Sabha (Salhi, Hariharpur, Fatehpur & Ghatbarra) under FRA



284

Annexure-II

FORM-II
(for project other than linear projects)
Government of Chhattisgarh
Officer of the District Collector Surguja

No. ... 4.896

Dated 13.02.2018

TO WHOWSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11-9/98-FC (pt) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted in for non-forest purposes, it is certified that 614.219 hectares of forest land proposed to be diverted in favour of Rajasthan Rajya Vidyut Utpadan Nigam Limited for Coal Mining(Parsa Coal Block) in Surguja district falls within Jurisdiction of Salhi, Hariharpur, Fatehpur and Ghatburra village(s) in Udaipur tehsil.

It is further certified that:

- the complete process for identification and settlement of rights under the FRA has been carried out for the entire 614.219 hectares of forest land proposed for diversion. A copy of records of all consultation and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure - 01 to 101 annexure.
- The proposal for such diversion (with full details of the project and its implications, in vernacular / local language) have been placed before each concerned Gram Sabha of forest-dwellers, who are eligible under the FRA,
- The each of concerned Gram Sabha(s), has certified that all formalities / processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion. A copy of certificate issued by the Gram Sabha of Salhi, Hariharpur, Fatehpur and Ghatburra village(s) is enclosed as annexure 51 to 57 annexure.
- The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present;
- The diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA have been completed and Gram Sabhas have given their consent to it; Not applicable.
- The rights of Primitive Tribal Groups and Pre-Agricultural Communities, where applicable have been specifically safeguarded as per section 3 (1) (e) of the FRA. Proposal do not have such groups.

Encl.: As above.


Assistant Commissioner
Tribal Development Ambikapur
Distt.- Surguja (C.G.)


(Kiran Kaushal)
COLLECTOR
DIST- SURGUJA


Rajasthan Rajya Vidyut Utpadan Nigam Limited
By Chief Engineer (Mining)
Authorized Signatory
RVUN

Van Adhikar letter

285

प्रपत्र 11

**छत्तीसगढ़ शासन
कार्यालय कलेक्टर अम्बिकापुर जिला-सरगुजा छ0ग0**

क्रमांक 4896

प्रकरण क्रमांक
दिनांक 13/02/2018

पर्यावरण एवं वनमंत्रालय, भारत सरकार के पत्र क्रमांक 11-8/98-एन सी. (पीटी) दिनांक 03/08/2009 के परिपालन में जिसमें पर्यावरण एवं वनमंत्रालय द्वारा जारी दिशा निर्देशों के अनुसार वैश्वानिवी प्रयोग के लिए व्यवर्तन हेतु प्रस्तावित वन भूमि पर अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासियों के अधिकारों के निर्धारण की समस्त प्रक्रिया पूर्ण कर ली गई है। प्रमाणित किया जाता है कि 814.219 हैक्टर वनभूमि का व्यवर्तन राजस्थान राज्य विद्युत उत्पादन निगम लिमिटेड की अर्जेंट परसा कॉल ब्लॉक के प्लॉ में डाम साल्ही, हरिहरपुर, फत्तेपुर एवं घाटमर्सा तहसील वरदपुर जिला सरगुजा में प्रस्तावित है।

प्रमाणित किया जाता है कि:-

1. वन अधिकार अधिनियम के तहत वन अधिकारों के चिन्हांकन एवं निर्धारण कि सम्पूर्ण कार्यवाही का निष्पादन व्यवर्तन हेतु प्रस्तावित 814.219 हैक्टर भूमि पर किया जा चुका है। वनअधिकार समिति, ग्रामसभा, जनसंघ स्तरीय समिति एवं जिला स्तरीय समिति के अभिलेख की प्रति अनुक्रमिक 01 से 101 संलग्न है।
2. व्यवर्तन प्रकरण का प्रस्ताव (परियोजना के विवरण के साथ एवं मातृभाषा / स्थानीय भाषा में) वनअधिकार अधिनियम के तहत माफता रखने वाले वन निवासियों के संबंधित ग्रामसभा में समक्ष रखा गया।
3. डाम सभा द्वारा वन अधिकार अधिनियम के अन्तर्गत निर्धारित समस्त प्रक्रियाओं एवं औपचारिकताओं का सम्पादन किया गया एवं उनके द्वारा प्रस्तावित व्यवर्तन और विदे जाने वाली क्षतिपूर्ति में अन्य लोगों के लिए सहमति दी गई एवं प्रस्तावित व्यवर्तन के उद्देश्य एवं विवरण को समझ लिया गया। डाम सभा द्वारा जारी प्रमाण पत्र साल्ही, हरिहरपुर, फत्तेपुर एवं घाटमर्सा(ग्राम) अनुक्रमिक 51 से 57 संलग्न है।
4. जो भी संबंधी हुई एवं निर्णय लिए गए एवं डाम सभा के न्यूनतम 50 प्रतिशत सदस्यों की जातिवर्गी का कोश धुन था।
5. व्यवर्तन हेतु प्रस्तावित वनभूमि पर शासन द्वारा संघालित सुविधाओं पर वन अधिकार अधिनियम की धारा 3(2) में निर्दिष्ट प्राधान्य की प्रक्रिया ग्रामसभाओं से सहमति दिये जाने पर पूर्ण कर ली गई है। यह बिन्दु प्रस्तावित वन क्षेत्र पर लागू नहीं है।
6. प्राचीन जनजाति समूह एवं क्षुब्ध पूर्व आदिम समाज के अधिकार वनअधिकारों की मान्यता अधिनियम 2006 की धारा 3(i)(e) अन्तर्गत विशेष रूप से संरक्षित जनजाति के लोग उस क्षेत्र में निवासरत नहीं हैं। संशोधन उपरीक्तानुसार।


Assistant Commissioner
Tribal Development, Ambikapur
Dist. Surguja (C.T.)

Van Adhikar leutter


(श्रीमती किरण कौशल)
कलेक्टर
अम्बिकापुर जिला-सरगुजा छ0ग0

ग्राम सभा कार्यवाही पंजी

ग्राम सभा के कार्यवृत्त अभिलेख

ग्राम पंचायत का नाम सुआरवाही 2. समित्तन की तारीख 24/11/2018 3. समित्तन का स्थान छ.स. पंचायत

4. समित्तन का समय दिवस सोमवार 5. समित्तन सदस्यों की संख्या 10

अनुक्रमांक	ग्राम सभा के समय रखे गये विषय	समित्तन के कार्यवृत्त
1	2	3
	प्रस्ताव क्र. 22 कोल क्लोथ प्रारम्भ किसे जॉन बाबु मानाफति के सुपबंध में।	आज दिनांक 24/11/2018 को ग्राम सभारूप में ग्राम सभा कार्यवाही में किसे जॉन बाबु प्रारम्भ की अध्यक्षता रहे सदस्यों से लोग लोग को चयन किसे जॉन बाबु प्रारम्भ की अध्यक्षता रहे ग्राम सभा की कार्यवाही प्रारम्भ किया गया। प्रस्ताव पर चर्चा किया गया और अर्जित अधिकारियों 2018 अर्जित अधिकारियों नहीं 2007 एवं ग्राम सभा की सदस्यों से उचित सुझावों पर - कार्यवाही किसे जॉन बाबु प्रारम्भ कोल क्लोथ प्रदान शुरू करने में कोई साधनी नहीं है। प्रस्ताव सर्व सदस्यों से पारित।

सुआरवाही
ग्राम सभा कार्यवाही
24-11-2018

सुआरवाही
ग्राम सभा कार्यवाही
24-11-2018

सदस्य
समीक्षा
संविदा संख्या - 13



संविदा

क्रमांक- (3)

ग्राम सभा का कार्यवाही पंजी

ग्राम सभा के कार्यवाही अभिलेख

(54)

पंचायत का नाम

राजपुरा

2. सम्मिलन की तारीख

24/01/17

3. सम्मिलन का स्थान

5792/1-09

सम्मिलन का समय

12 वीं

5. उपस्थित सदस्यों की संख्या

15

अनुक्रमिक	ग्राम सभा के समक्ष रखे गये विषय	ग्रामसभा के कार्यवाही
1	19	<p>छारों को सचिवों एवं अन्य लाभ प्रदान करने हेतु अनुमति दिया गया तथा उपरोक्त राजस्व को ग्रामिण एवं अन्य के अनुमति पर मुद्रास्व 8.10.12-लाभ के 7 गुना मुद्रास्व निराकरण हेतु पर ग्राम सभा को जिसे कोई आपत्ति नहीं है तिन दिनों में कार्यवाही को आधिकारिक प्रकाशित किया गया है उन्हें वन अधिकार अधिनियम 2006 के अन्तर्गत सचिवों द्वारा प्रदान किया जाए। वन अधिकार हेतु ग्राम सभा को प्राप्त आवेदन अनुमतिअधिकारी राजस्व उम्मीदों को निराकरण हेतु (कार्यवाही) भेजा जा चुका है एवं ग्राम सभा के समक्ष वर्तमान में वन अधिकार के लब्ध करों द्वारा विचारधीन नहीं है। सभी वन अधिकार प्रकरणों को ग्राम सभा में निराकरण किया जा चुका है जो सम्बंधित विभागों से अर्जित होवापसमें बहुत प्रभावित वन भूमि को आश्रय द्वारा संचालित सुविधा वन अधिकार अधिनियम 2006 के तहत निर्धार प्रावधानों के प्रक्रिया पर ग्राम सभा को सम्मति प्रदान की जानी है। यह प्रस्ताव सर्वसम्मति से पारित किया गया है।</p>

पद

पंचायत

सचिव

सदस्य

सचिव

पंचायत

सचिव

(339)

Annexure-IV-b NOC of DC Surajpur and Gram Sabha (Tara & Janardanpur) under FRA



FORM-II
(for project other than linear projects)
Government of Chhattisgarh
Office of the District Collector Surajpur

No. 172.....

Case no- 17/B-121/2016-17

Dated 27/03/2017

TO WHOWSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11-9/98-FC (pt) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted in for non-forest purposes, it is certified that 227.319 hectares of forest land proposed to be diverted in favour of Rajasthan Rajya Vidyut Utpadan Nigam Limited for Coal Mining (Parsa Coal Block) in Surajpur district falls within Jurisdiction of Tara and Janardanpur village(s) in Premnagar tehsil.

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 227.319 hectares of forest land proposed for diversion. A copy of records of all consultation and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 01 to annexure 16.
- (b) The proposal for such diversion (with full details of the project and its implications, in vernacular / local language) have been placed before each concerned Gram Sabha of forest-dwellers, who are eligible under the FRA,
- (c) The each of concerned Gram Sabha(s), has certified that all formalities / processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion. A copy of certificate issued by the Gram Sabha of Tara and Janardanpur village(s) is enclosed as annexure 01 to annexure 02.
- (d) The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present;
- (e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and Gram Sabhas have given their consent to it; Not applicable.
- (f) The Rights of Primitive Tribal Groups and Pre-Agricultural Communities, where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA. Proposal do not have such groups.

Encl.: As above.



(G.R. Churendra)
COLLECTOR
DIST. - SURAJPUR

प्रपत्र 11

छत्तीसगढ़ शासन
न्यायालय कलेक्टर जिला-सूरजपुर

प्रकरण क्रमांक 174/ब-121/16-17

दिनांक. 27/03/2017

क्रमांक.....

पर्यावरण एवं वन मंत्रालय, भारत सरकार के पत्र क्रमांक 11-9/98-एफ. सी. (पी.टी.) दिनांक 03/08/2009 के परिपालन में जिसमें पर्यावरण एवं वन मंत्रालय द्वारा जारी दिशा निर्देशों के अनुसार गैर वाणिज्यिक प्रयोग के लिए व्यपवर्तन हेतु प्रस्तावित वन भूमि पर अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासियों के अधिकारों के निर्धारण की समस्त प्रक्रिया पूर्ण कर ली गई है। प्रमाणित किया जाता है कि 227.319 हे० वनभूमि का व्यपवर्तन राजस्थान राज्य विद्युत उत्पादन निगम लिमिटेड को आबंटित परसा कोल ब्लॉक के पक्ष में ग्राम तारा एवं जनार्दनपुर तहसील प्रेमनगर जिला सूरजपुर में प्रस्तावित है।

प्रमाणित किया जाता है कि:-

1. वन अधिकार अधिनियम के तहत वन अधिकारों के चिह्नांकन एवं निर्धारण की सम्पूर्ण कार्यवाही का निष्पादन व्यपवर्तन हेतु प्रस्तावित 227.319 हे. भूमि पर किया जा चुका है। वन अधिकार समिति, ग्रामसभा, उपखण्ड स्तरीय समिति एवं जिला स्तरीय समिति के अभिलेख की प्रति क्रमांक 01 से 16 अनुसार संलग्न है।
2. व्यपवर्तन प्रकरण का प्रस्ताव (परियोजना के विवरण के साथ एवं मातृभाषा/स्थानीय भाषा में) वन अधिकार अधिनियम के तहत पात्रता रखने वाले वन निवासियों के संबंधित ग्राम सभा के समक्ष रखा गया।
3. ग्रामसभा द्वारा वन अधिकार अधिनियम के अन्तर्गत निष्पादित समस्त प्रक्रियाओं एवं औपचारिकताओं का सत्यापन किया गया एवं उनके द्वारा प्रस्तावित व्यपवर्तन और दिये जाने वाली क्षतिपूर्ति व अन्य लाभों के लिए सहमति दी गई एवं प्रस्तावित व्यपवर्तन के उद्देश्य एवं विवरण को समझ लिया गया। ग्रामसभा द्वारा जारी प्रमाण पत्र तारा एवं जनार्दनपुर (ग्राम) के क्रमांक 01 से 02 अनुसार संलग्न है।
4. जो भी चर्चाएँ हुई एवं निर्णय लिए गए एवं ग्रामसभा के न्यूनतम 50 प्रतिशत सदस्यों की उपस्थिति का कोरम पूर्ण था।
5. व्यपवर्तन हेतु प्रस्तावित वनभूमि पर शासन द्वारा संचालित सुविधाओं पर वन अधिकार अधिनियम की धारा 3(2) में निहित प्रावधानों की प्रक्रिया ग्राम सभाओं से सहमति दिये जाने पर पूर्ण कर ली गई है। यह बिन्दु प्रस्तावित वन क्षेत्र पर लागू नहीं है।
6. प्राचीन जनजाति समूह एवं कृषि पूर्व आदिम समाज के अधिकार वन अधिकारों की मान्यता अधिनियम, 2006 की धारा 3(1)(ई) अन्तर्गत विशेष रूप से संरक्षित जनजाति के लोग उक्त क्षेत्र में निवासरत नहीं है।

संलग्न: उपरोक्तानुसार।



(जी.आर.वुरेन्द्र)

कलेक्टर

जिला-सूरजपुर

3. **संक्षेप**

1. ग्राम पंचायत का नाम ता.रा.
2. सम्पलन का स्थल ग्राम पंचायत भवन पास

[illegible]

नाम: राजेश कुमार तारीख: 02/10/2016

मक्ष रडे गये विषय
(2)

[illegible][illegible]

मिश्रान् वे अंतरादि निर्मात्रे निजालम् कौ उपवेग
निवासीसिद्धिदि ता यन्ति दिता राय ।

मोहनदास करम २०१६-१७ के निम्नकर छाना मय
राम का लेखा जोला स्वीकृत मायि प्रमाणित
छाई की लागत पर राम का छाना पत्र।
छाई में ५० रुपे उपमा राख प्रमाण पत्र।

[illegible]

ग्राम पंचायत - सोरा
जनपद पंचायत - पैमनार
ज़िला - सरजपुर (झ.)

ग्राम सभा के कार्यवाही अभिलेख

(1)

- 1- ग्राम पंचायत का नाम -- दिवंगर
- 2- सम्मेलन का स्थान - आंगनवाड़ी केन्द्र जनार्दनपुर
- 3- उपस्थित सदस्यों की संख्या - 146
- 4- सम्मेलन की तारीख -- 22.11.2016
- 5- सम्मेलन का समय - 11.00 बजे से संध 5.00 बजे तक

क्र.सं.	ग्राम सभा के समक्ष रखे गये विषय	सम्मेलन के कार्यवाही
25	ग्राम पंचायत दिवंगर के अंतर्गत ग्राम जनार्दनपुर में राजस्थान राज्य विद्युत पुनर्वाहन निगम लिमिटेड को जिला सरपंच (तहसील मीना) के आंगनवाड़ी परसों कोल डेल्टा प्रभावित जनार्दनपुर के राजस्थान वन भूमि एवं वन भूमि के व्यपर्वतन हेतु वन अधिकार सम्बन्धी धरारा प्रस्ताव।	<p>आज दिनांक 22.11.2016 को ग्राम पंचायत दिवंगर के अंतर्गत ग्राम जनार्दनपुर के आंगनवाड़ी केन्द्र के प्रांगण में श्री टंकु राम जी के अध्यक्षता में ग्राम सभा बैठक सम्पन्न हुआ। आज की बैठक में श्रीमान तहसीलदार मोहम्मद ग़ैस (के.एन.ए. 671/तह/वा/2016 एवं 669/तह/वा/2016 दिनांक 19-09-2016 के परिपत्रन में राजस्थान राज्य विद्युत आपूर्ति निगम लिमिटेड को जिला सरपंच (तहसील मीना) के आंगनवाड़ी परसों कोल डेल्टा प्रभावित जनार्दनपुर के राजस्थान वन भूमि के (कोटे नो. 135.857 हे.क. वन भूमि के व्यपर्वतन हेतु राजस्थान वन भूमि एवं वन भूमि विवरित अधिसूचना दिनांक 19-09-2016 के परिपत्रन में राजस्थान राज्य विद्युत आपूर्ति निगम लिमिटेड को जिला सरपंच (तहसील मीना) के आंगनवाड़ी परसों कोल डेल्टा प्रभावित जनार्दनपुर के राजस्थान वन भूमि एवं वन भूमि के व्यपर्वतन हेतु वन अधिकार सम्बन्धी धरारा प्रस्ताव) की जानकारी राखी गई है। ग्रामवासियों द्वारा सभा पूर्वक निर्दिष्ट 2007 एवं राष्ट्रीय पुनर्वासि नीति 2007 के अनुसार प्रभावित व्यपर्वतन के लिए दी जाने वाली राजस्थान वन भूमि एवं वन भूमि पर विषय वस्तु वन अधिकार पत्र धरारा को ध्यानपूर्वक एवं अन्य लाभों को ध्यान में रखते हुए सहमति दी गई। उपरोक्त राजस्थान वन भूमि एवं वन भूमि के व्यपर्वतन पर ग्राम सभा को कोई आपत्ति नहीं है तथापि ग्राम सभा द्वारा वन अधिकार अधिनियम 2006 के अंतर्गत निहित प्रावधानों के अन्तर्गत ग्राम सभा द्वारा सहमति प्रदान करते हुए सर्वसम्मति से प्रस्ताव पारित किया गया।</p>

मीना डेल्टा
तहसील
जिला मीना

सहसंचालिका
श्रीमती मीना डेल्टा

Environment Clearance for Parsa Opencast Coal Mine Project of 5 MTPA and pit head coal washery of 5 MTPA

3. Clarification to **para 26.1.4 point-(iii) of agenda Item 26.1** of Minutes of the meeting of the EAC (Thermal & Coal Mining) held on 15th -16th February, 2018 regarding **Comments from The State Water Resources/Irrigation Department regarding impact of diversion of streams on Hasdeo River.**



RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD.

(A Govt. Of Rajasthan Undertaking)

Corporate identity Number (CIN)-U40102RJ2000SGC016484

Regd. Office & H.O. Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur – 302 005.

Tele Fax No. 0141-2744927, 2740006, Email: fuel.rvun@gmail.com



No. RVUN/CE (Fuel)/ DyCE(Fuel)/D. 998

Dated: 30.05.18

The Member Secretary
(Thermal & Coal Mining Projects)
Ministry of Environment, Forests & Climate Change (MoEF&CC)
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003

Sub:- Clarifications sought by Expert Appraisal Committee (Thermal & Coal Mining) in its meeting held on 15th February 2018 for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in Districts Surguja & Surajpur (Chhattisgarh) – For Environment Clearance

Ref:- Minutes of meeting of Expert Appraisal Committee (Thermal & Coal Mining) held on 15th February 2018 (Please refer Agenda Item No. 26.1, para 26.1.4 (iii))

Dear Sir,

This is in reference to minutes of the meeting of the Expert Appraisal Committee (EAC) (Thermal & Coal Mining) held on 15th February, 2018 regarding proposal for grant of Environmental Clearance for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA (Agenda Item No. 26.1). In the above meeting, EAC desired comments from Water Resource Department/Irrigation Department (Please refer Agenda Item No. 26.1, para 26.1.4 (iii) of minutes of meeting-copy enclosed as Annexure-I):-

“(iii) The State Water Resources/Irrigation Department of the State Government to assess the cumulative impact of diversion of streams, and existing and proposed mining operations on Hasdeo river.”

RVUNL vide letter no. RVUN/CE(Fuel)/DyCE(Fuel)/D.619 dated 6th April 2018 (Copy enclosed as Annexure-II) requested State Irrigation/Water Resource Department to provide comment on the above query raised by EAC. Site Inspection by team of officials from Office of The Chief Engineer, Water Resource/Irrigation Department, Ambikapur (Surguja District) was completed on 2nd May 2018.

RVUNL would like to submit following for kind consideration in light of above EAC comments:-

- There is one seasonal Nala flowing southwest to North east through the Parsa coal block which needs to be diverted along the western and northern boundary of the block. There is one more seasonal Nala flowing South-East to North-West through the Parsa coal block which needs to be diverted along the eastern and northern boundary of the block. (Drawing showing existing stream and its diversion on toposheet enclosed as Annexure-III).
- A detailed write-up on nala diversion scheme along with flood protection detail is enclosed as Annexure-IV. Utmost care will be taken in diversion of Nala & it is expected that there will be no impact of nala diversion on Hasdeo River as proposed nalas to be diverted are seasonal and diversion is not abating their contribution to Hasdeo River.

In view of the above facts related to Nala diversion and measures proposed, it is requested to kindly recommend proposal for environment clearance.

Thanking you,

Encl. As above

Yours Sincerely,

(Prakash Israni)
Dy. Chief Engineer (Fuel)
Authorized Signatory
RVUN, Jaipur



Annexure-I Minutes of meeting of Expert Appraisal Committee (EAC), Thermal & Coal Mining Projects, 15-16 February 2018 related to Parsa Coal Block



Final minutes of the 26th meeting of the EAC held on 15-16 February, 2018 for appraisal of Coal mining projects

A. The 26th meeting of the Expert Appraisal Committee (EAC) for Thermal & Coal mining projects was held on 15-16 February, 2018 in the Ministry to consider the proposals relating to coal mining sector. The lists of participants and the project proponents are at Annexure-I & II respectively.

B. Confirmation of minutes

There being no comments from any of the members of the Committee, minutes of the 24th meeting of the EAC held on 11th January, 2018 were confirmed.

C. Details of the proposals considered during the meeting, deliberations made and the recommendations of the Committee, are explained in the respective agenda items as under:-

Agenda No.26.1

Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajashtan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh) - For EC

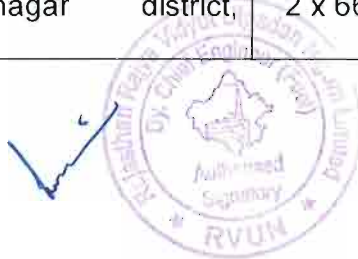
[IA/CG/CMIN/59215/2016, F No. J-11015/76/2016- IA.II(M)]

26.1.1 The proposal is for grant of Environmental clearance to Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajashtan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja & Surajpur (Chhattisgarh).

26.1.2 The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

- (i) The project was accorded ToR vide letter dated 23rd March, 2017.
- (ii) The latitude and longitude of the project are 22° 48'57.01" and 22°51'56.85" N, and 82° 45'10.50" and 82° 47'22.86" E respectively.
- (iii) Joint Venture: There is no Joint Venture
- (iv) Coal Linkage :

Sr. No.	Name of Specified end use plant	Address	Configuration	Capacity
1	Chhabra TPP (Unit 3, 4, 5 & 6)	MotipuraChoki, Chhabra, Baran district, Rajasthan	2 x 250 MW 2 x 660 MW	1820 MW
2	Kalisindh TPP (Unit 1 & Unit 2)	Village-Undal, Jhalrapatan tehsil, Jhalawar district, Rajasthan	2 x 600 MW	1200 MW
3	Suratgarh Supercritical TPP (Unit 7 & Unit 8)	Thukrana, Suratgarh tehsil, Shriganganagar district, Rajasthan	2 x 660 MW	1320 MW



(v) Employment generated / to be generated: The total manpower required for Parsa Opencast Coal Mine Project for 5 MTPA coal production, is assessed at 768 till 3rd year of mine operation (target achieving year).

(vi) Benefits of the project:

- Coal from this project will be used in power generation in Rajasthan, which will help in reducing gap in demand and production of electricity in the state.
- **Improvement in the Physical Infrastructure-** The basic requirement of the, local community needs will be strengthened by extending health care, educational facilities developed in the township to the community, providing drinking water to the villages, strengthening of existing roads in the area. RVUNL will initiate the above amenities either by providing or by improving the facilities in the area, which will help in uplifting the living standards of local communities.
- **Improvement in the Social Infrastructure-** Generation of indirect employment and improved standard of living; establishment of small and medium scale engineering ancillaries; increased revenue to the State by way of royalty, taxes and duties; and better communication and transport facilities etc.
- **Indirect benefit of the project-** Development of coal block will also boost the local economy and result in creation of new infrastructure facilities and establishment of commercial institution such as improvement in transportation, setting up hotel, banking, medical, education, construction and development of allied industries and mechanical workshops etc., these will create more employment opportunities for the local people. With improvement in local economy and with increase in employment opportunities there will be overall improvement in standard of living of the local people.
- **Corporate Social Responsibility-** Keeping in view the requirement of community around project, the CSR programmes under this project shall be implemented in the areas such as Rural Infrastructure development, Health & Sanitation, Education, Skill and entrepreneurship development, Livelihood Development & farmers productivity.

(vii) The total project area is 1252.447 ha.. Mining lease area as per approved Mining Plan is 1252.447 Ha. The land usage of the project will be as follows:

Pre-Mining:

S.N.	LANDUSE	Within ML Area(ha)	Outside ML Area(ha)	TOTAL
1.	Agricultural land	365.366	Nil	365.366
2.	Wasteland			
3.	Grazingland			
4.	Settlements			
5.	Surface water Bodies			
6.	Forestland	841.538	Nil	841.538
7.	Others (Government Land)	45.543	Nil	45.543
	TOTAL	1252.447	Nil	1252.447



Post- Mining:

S. No.	Type	During Mining (ha)	End of Life (ha)	Land Use (ha)					TOTAL
				Plantation	Water Body	Public Use	Agriculture land	Grass/ greenbelt	
1.	External OB Dump	64.084	64.084	40.706	-	-	-	23.378	64.084
2.	Top soil Dump	2.600	2.600	-	-	-	-	2.600	2.600
3.	Excavation	1129.375	1129.375	371.513	317.767	-	440.095	-	1129.375
4.	Coal evacuation route and approach Roads	2.370	2.370	0.474	-	1.896	-	-	2.370
4.	Electric Line & infrastructure area	13.228	13.228	2.646	-	10.582	-	-	13.228
5.	CHP & Washery	13.586	13.586	2.718	-	8.694	-	2.174	13.586
6.	Diversion of Nala	14.801	14.801	-	-	14.801	-	-	14.801
7.	Settling Ponds	2.260	2.260	-	2.260	-	-	-	2.260
8.	GreenBelt	-	-	-	-	-	-	-	-
9.	Rationalization Area	10.143	10.143	10.143	-	-	-	-	10.143
	TOTAL	1252.447	1252.447	428.200	320.027	35.973	440.095	28.152	1252.447

Core area:

Sl. No.	Particular	Land (ha)
A	Mining	
	Excavation area & barrier	1129.375
B	Infrastructure & OB dump area	
1	External dump	64.084
2	Top soil dump	2.600
3	Electric line & infrastructure area	13.228
4	Coal evacuation route & approach Road	2.370
5	CHP&Washery	13.586
6	Diversion of nala	14.801
7	Settling pond	2.260
8	Rationalization area	10.143
	Total (B)	123.072
	Grand total (A + B)	1252.447

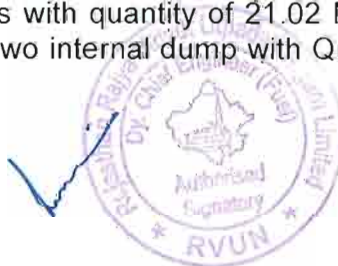
(viii) The total geological reserve is 256.40 MT. The mineable reserve 184.26 MT, extractable reserve is 200.41 MT. The per cent of extraction would be 78.16%.

(ix) The coal grade is E to G. The stripping ratio is 6.12 Cum/tonne. The average Gradient is 2⁰ to 6⁰. Three coal seams (Seam-VI, Seam-V & Seam-IV) with thickness ranging upto 8.62m shall be extracted.

(x) Total estimated water requirement is 2385 m³/day. The level of ground water ranges from 3m to 25m.

(xi) The mining would be done opencast. Overburden shall be removed by shovel-dumper combination and coal shall be extracted by surface miner.

(xii) There shall be two external OB dumps with quantity of 21.02 Mm³ in an area of 64.084 ha with height of 60 m above ground level and two internal dump with Quantity of 1206.17 Mm³ in an



area of 1059.092 ha. The final mine void would be in 70.278 ha with maximum depth of 30 m and the total quarry area shall be 1129.375 ha. Backfilled quarry area of 1059.092 ha shall be reclaimed with plantation. A void of 70.278 ha with max. depth 30 m which is proposed to be converted into a water body

(xiii) Baseline data was collected by consultant over a period of three months from March 2017 to May 2017 representing pre-monsoon season. Ambient Air Quality levels are within the prescribed limit of NAAQS. Summary of Data from March, 2017 to May, 2017 is given below-

Particulars	Concentration		NAAQS
	Min	Max	
PM 2.5	20.00	32.30	60 $\mu\text{g}/\text{m}^3$
PM10	31.80	61.50	100 $\mu\text{g}/\text{m}^3$
SO ₂	8.70	13.70	80 $\mu\text{g}/\text{m}^3$
NO ₂	10.20	16.80	80 $\mu\text{g}/\text{m}^3$
CO	0.396	0.24	2 mg/m^3

(xiv) The life of mine: For the rated output of 5.0 MTPA, the life of the mine has been estimated as 45 years including three years of construction period.

(xv) Transportation:

- In pit:** Coal is proposed to be transported from in pit to surface (CHP & Washery) by belt conveyor after initial 4 years of mine development in which coal transportation will be done by dump trucks.
- Surface to siding:** It is envisaged to transport coal from CHP to Silo by belt conveyor.
- Siding at loading:** Wagon loading will be done through SILO with inbuilt Rapid Loading System.

(xvi) R&R cost shall be estimated during Land Acquisition process. There are 995 families are being affected, out of which 584 are land loser and 411 are homestead as well as land loser families from six villages namely Salhi, Ghatbarra, Hariharpur, Fatehpur of Udaypur Tehsil, Surguja District & Janardanpur & Tara of Premnagar Tehsil, Surajpur District.

(xvii) Total capital cost of the project is Rs. 1960 Crores. CSR Cost: Capital Cost- Rs. 5.85 Crore while recurring cost- Rs. 1.5 Crore from 2nd Year onward (Rs. 75 Lakh for first year). R&R Cost: R&R cost shall be estimated during land acquisition process. Environmental Management Cost: Capital Cost: Rs. 2514.60 Lakh & Recurring Cost: Rs. 677.60 Lakh

(xviii) Water body: AtemNadi flows at a distance of 1.9 Km from Northern Boundary of the block. The area is incised by a prominent nala flowing from SW to NE in the northern part of the block and joins the AtemNadi. The AtemNadi and this stream together control the drainage of the area. The southern part of the block is free from the presence of any prominent nala.

(xix) Ground water clearance applied on 3rd November 2017. Board's approval for Mine Closure Plan obtained on 11th May 2016. Mine Plan & Mine Closure Plan approved by Ministry of Coal vide letter File No. 34011/24/2016-CPAM dated 10th November 2016. Mine closure plan is an integral part of mining plan.

(xx) No wildlife sanctuary is present in 10 Km radius of the project. Wildlife Management Plan with a budgetary provision of Rs. 1216 Lakh has been approved by Wildlife Department, Government of Chhattisgarh vide letter dated 8th June 2017.

(xxi) Total forest area involved 841.538 ha for mining. Application for diversion of forest land submitted vide proposal number FP/CG/MIN/20742/2016 dated 4th August 2016. Proposal is being processed at State level.

(xxii) Total afforestation plan shall be implemented covering an area of 456.352 ha (428.200 ha plantation + 28.152 ha greenbelt/grass) at the end of mining. Green Belt over an area of 28.152 ha. Density of tree plantation shall be 2500 trees/ha.

(xxiii) There are no court cases/violation pending with the project proponent.

(xxiv) Public hearing was organized in two districts as per details mentioned below-

District	Place	Date
Surguja	Government Pre-Secondary School, Village-Basen	29 th October 2017
Surajpur	Government Senior Secondary School, Village-Tara	12 th November 2017

The issues raised during the PH includes Draft E.I.A.; permission from Gram Sabha is required for Project but no such permission sought from Gram Sabha for project, hence this public hearing is illegal; As livelihood of most of the population is dependent over agriculture and forests, it will be lost due to the mining and also tribal culture will be affected; danger for Wildlife residing in the forest area of the vicinity. This area is known for frequent visit of Elephants and this is an elephant corridor which is not mentioned in the EIA report ; Ground water will be affected due to 700 to 900 feet depth in operation of this coal mine and there will be shortage of drinking water in the area; proposed project would result in air and water pollution in the area which will impact residents and wildlife; Cumulative Impacts of adjacent Parsa East & Kanta Basan has not been considered in EIA/EMP Report of the proposed project; Nala diversion has been concealed for project; Information related to use of reject of coal from washery has not been mentioned in Draft EIA/EMP Report clearly.

26.1.3 During deliberations on the proposal, the Committee noted the following:-

The proposal is for environmental clearance to Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajashtan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at Hasdeo-Arand Coal Field in Districts Surguja and Surajpur (Chhattisgarh).

Out of the total project area, forest land involved is 841.538 ha. Stage-I forest clearance for the same was reported to be under process, and thus yet to be diverted for non-forestry purposes.

Mining Plan was approved by Ministry of Coal vide letter File No.34011/24/2016-CPAM dated 10th November, 2016. Mine closure plan is an integral part of the Mining Plan.

Terms of reference for the project was granted on 23rd March, 2015. Public hearing was conducted by SPCB in two districts, namely Surguja on 29th October 2017 and Surajpur 12th November 2017. Main issues raised during the public hearing included permission required from Gram Sabha, loss of agriculture and forests affecting livelihood, impact on ground water availability, pollution concerns, cumulative impact of nearby/adjoining mining projects, diversion of nala, etc. The project proponent has submitted the action plan along with the timeline and funding management, to address the issues, suggestions and the representations received during public consultations.



Baseline air quality values at ambient air quality monitoring stations, would be in the range of 20-32.30 ug/m³ for PM_{2.5}, 31.80-61.50 ug/m³ for PM₁₀, SO₂ from 8.70 -13.70 ug/m³ and NO_x from 10.20 -16.80 ug/m³, and thus meeting the prescribed standards.

26.1.4 The Committee, after deliberations and taking cognizance of the concerns raised during public hearing, desired for clarifications and details in respect of the following:-

- (i) The response of the project proponent '**MoEF&CC will grant Environment Clearance to the project only after thorough scrutiny of EIA/EMP Report through Expert appraisal Committee**' to the queries raised during public hearing regarding authenticity of data and facts mentioned in the EIA/EMP reports, was not acceptable. The Committee asked for an undertaking in this regard to be furnished by the project proponent.
- (ii) Comments from the State Tribal Welfare Department regarding permission for the project from Gram Sabha, impact on livelihood of tribal population, and their concurrence as per the provisions of the Panchayats Extension to Scheduled Areas Act, 1996 (PESA Act) as applicable in the instant case.
- (iii) The State Water Resources/Irrigation Department of the State Government to assess the cumulative impact of diversion of streams, and existing and proposed mining operations on Hasdeo river.
- (iv) Opinion of the State Wild Life Board regarding impact of existing and proposed mining operations on elephant movement and other wild life species needs to be sought, in view of part of the area proposed for Lemru Elephant Reserve.

Agenda No.26.2

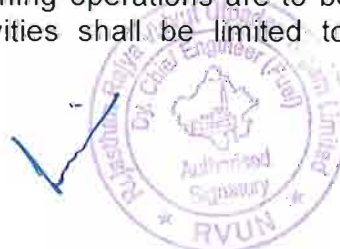
Expansion of Tapin South Open Cast Coal Mine Project from 0.6 MTPA to 2.00 MTPA Normative/2.50 MTPA Peak with an increase in ML area from 134.56 ha to 188.66 ha for Phase-I and from 223.05 ha to 277.15 ha for Phase-II of M/s Central Coalfields Limited, located in District Ramgarh (Jharkhand)- For EC

[IA/JH/CMIN/18640/2013, F No. J-11015/155/2013- IA.II(M)]

26.2.1 The proposal is for grant of Environmental Clearance to expansion of Tapin South Open Cast Coal Mine project from 0.6 MTPA to 2.00 MTPA (Normative)/2.50 MTPA (Peak) with increase in mine lease from 134.56 ha to 178.06 ha in Phase-I and 223.05 ha to 277.15 ha in Phase-II of M/s Central Coalfields Limited located in District Ramgarh (Jharkhand).

26.2.2 The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

- (i) The project for Tapin South Expansion OCP from 0.06 MTPA to 2 MTPA (Normative)/2.50 MTPA (peak) was accorded TOR vide letter No.J-11015/155/2013-IA.II(M) dated 20th May, 2014 which was further modified vide letters dated 29th May, 2015 and 1st September, 2015.
- (ii) Project Report of Tapin South Expansion OCP was approved by CCL Board in August, 2012 with project area of 277.15 ha. The mining operations are to be expanded in two phases. During phase-I, all mining and allied activities shall be limited to 178.06 ha of non-forest



Annexure-II Letter from RVUNL to State Irrigation/Water Resource Department





RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD.

(A Govt. Of Rajasthan Undertaking)

Corporate identity Number (CIN)-U40102RJ2000SGC016484

Regd. Office & H.O. Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur - 302 005.

Tele Fax No. 0141-2744927, 2740006, Email: fuel.rvun@gmail.com



No. RVUN/CE (Fuel)/ DyCE(Fuel)/D. 619

Dated: 06.09.18

The Secretary,
State Irrigation / Water Resource Department
Raipur (Chhattisgarh)

Sub:- Clarifications sought by Expert Appraisal Committee (Thermal & Coal Mining) in its meeting held on 15th February 2018 for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited in Districts Surguja & Surajpur (Chhattisgarh) - For Environment Clearance

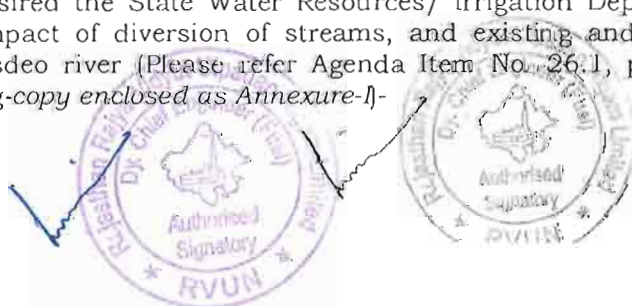
Ref: Minutes of meeting of Expert Appraisal Committee (Thermal & Coal Mining) held on 15th February 2018 (Please refer Agenda Item No. 26.1, para 26.1.4 (iii))

Dear Sir,

With reference to above-mentioned subject, it is submitted that:

1. Parsa Coal block (5MTPA) was allotted to Rajasthan Rajya Vidyut Utpadan Nigam Limited (RVUN) by Ministry of Coal (MoC) vide vesting order No - 103/24/2015/NA dated 08th September, 2015 to meet the coal requirement of their three thermal power projects.
2. Mine Plan & Mine Closure Plan (1st Revision for inclusion of pit top washery) was approved by MoC vide letter File No. 34011/24/2016-CPAM dated 10th November 2016.
3. Application for Term of Reference (ToR) regarding Environment Clearance submitted online (Proposal No. 1A/CG/CMIN/59215/2016) on 27th September 2016 to Ministry of Environment & Forest, Climate Change (MOEF&CC).
4. The ToR for EIA/EMP was issued by MoEF&CC vide letter no.J-11015/76/2016-IA.11 (M) dated 23rd March 2017.
5. The Draft report prepared by M/s Vimta Labs Limited as per TOR was submitted to Chhattisgarh Environment Conservation Board (CECB) by RVUNL vide letter dated 18th July 2017 & 21st July 2017.
6. Subsequently, district-wise Public Hearing was organized by CECB at Basan Village, Surguja District, Chhattisgarh on 29th October 2017 and at Tara Village, Surajpur District, Chhattisgarh on 12th November 2017.
7. Final EIA/EMP Report along with Public Hearing proceeding submitted at MoEF&CC, New Delhi 10th January 2018 for Environment Clearance of project.
8. MoEF&CC invited RVUNL for presentation on 15th February 2018 for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA.

Expert Appraisal Committee (EAC) (Thermal & Coal Mining) of Ministry of Environment, Forests & Climate Change (MOEF&CC) in its meeting held on 15th February 2018 desired the State Water Resources/ Irrigation Department to assess the cumulative impact of diversion of streams, and existing and proposed mining operations on Hasdeo river (Please refer Agenda Item No. 26.1, para 26.1.4 (iii) of minutes of meeting-copy enclosed as Annexure-I)-



Expert Appraisal Committee (EAC) (Thermal & Coal Mining) of Ministry of Environment, Forests & Climate Change (MOEF&CC) in its meeting held on 15th February 2018 desired the State Water Resources/ Irrigation Department to assess the cumulative impact of diversion of streams, and existing and proposed mining operations on Hasdeo river (Please refer Agenda Item No. 26.1, para 26.1.4 (iii) of minutes of meeting-copy enclosed as Annexure-I)-

“(iii) The State Water Resources/Irrigation Department of the State Government to assess the cumulative impact of diversion of streams, and existing and proposed mining operations on Hasdeo river.”

There is one seasonal Nala flowing southwest to North east through the Parsa coal block which needs to be diverted along the western and northern boundary of the block. There is one more seasonal Nala flowing South-East to North-West through the Parsa coal block which needs to be diverted along the eastern and northern boundary of the block. (Drawing showing existing stream and its diversion on toposheet enclosed as Annexure-II).

A detailed write-up on nala diversion scheme along with flood protection detail is enclosed as Annexure-III. Utmost care will be taken in diversion of Nala & it is expected that there will be no impact of nala diversion on Hasdeo River as proposed nalas to be diverted are seasonal and diversion is not abating their contribution to Hasdeo River.

Hydrogeology study was carried out for Parsa Coal Block by our consultant (Copy enclosed as Annexure-IV).

It is requested to kindly provide your comments with reference to above clarifications sought by EAC at the earliest.

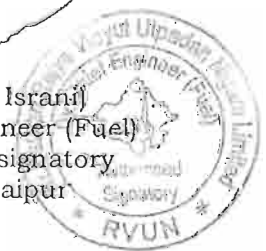
Thanking you,

Yours sincerely,

Encl. As above



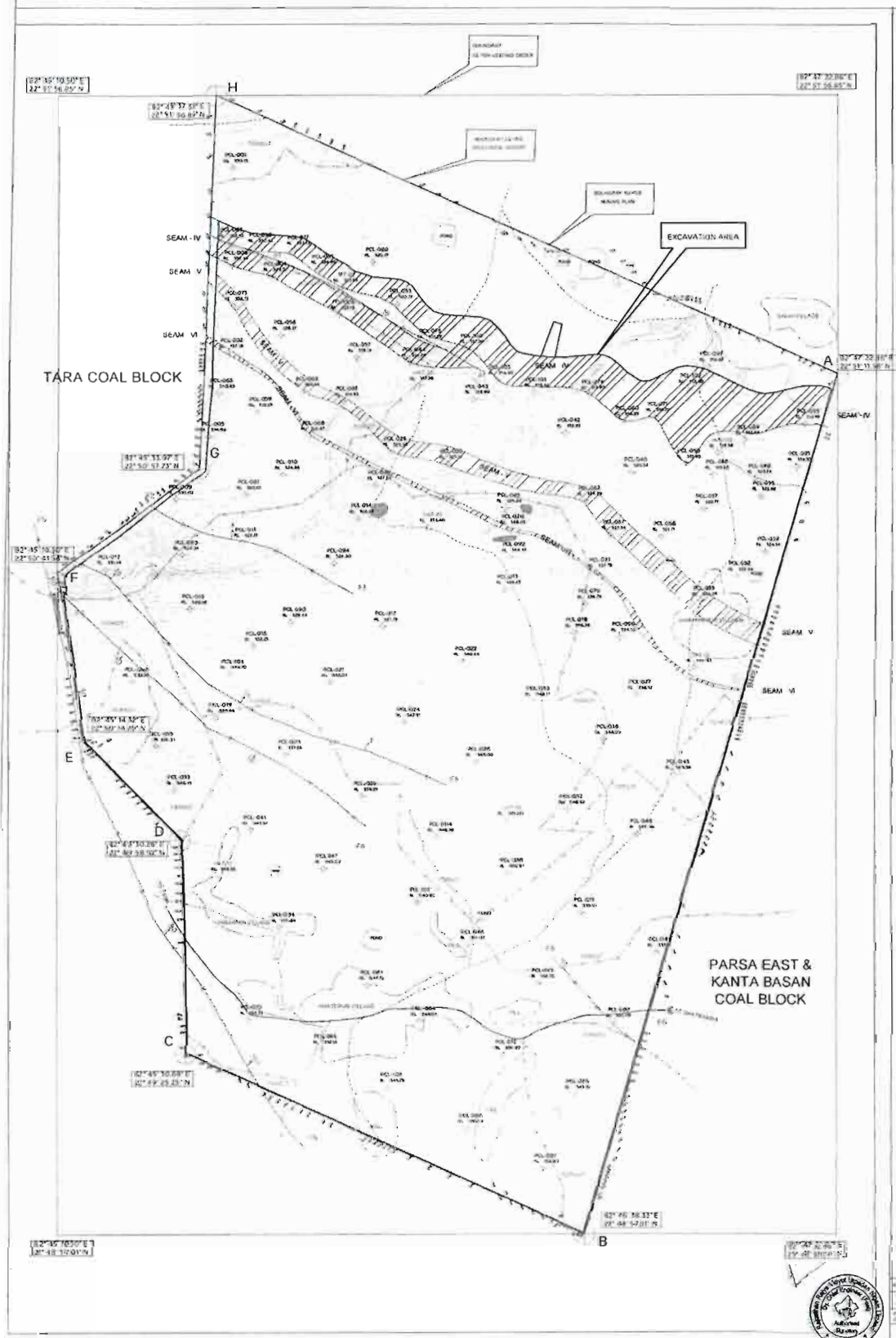
(Prakash Israni)
Dy Chief Engineer (Fuel)
Authorised signatory
RVUN, Jaipur



Annexure-III Drawing showing Nala diversion scheme for Parsa Coal Block



ENCLOSURE-II



INDEX	SYMBOL
1 BLOCK BOUNDARY	---
2 VILLAGE BOUNDARY	---
3 SEAM BOUNDARY	---
4 BOREHOLE BY SURFACE RECORDED LEVEL	○
5 BOREHOLE UNRECORDED BY LOG	○
6 BOREHOLE DELETED BY FIELD	○
7 GULL CATCHMENT DIRECTION & FLOW	---
8 METALLED ROAD	---
9 VILLAGE ROAD	---
10 FRACTURE WITH FINE GRained SANDSTONE	---
11 FOREST BOUNDARY	---
12 SANDHILL SANDSTONE	---
13 COAL SEAM UNRECORDED BY LOG	---

ALL UNITS ARE IN METERS

INDEX	SYMBOL
1 Borehole by surface recorded level	○
2 Borehole unrecorded by log	○
3 Borehole deleted by field	○



Certification that
The Geological co-ordinates (Latitude, Longitude) used in the preparation of Mining Plan of
Tara Coal Block Submitted by M/s. Rajasthan Region Viney Engineering & Surveying, RVUN
in accordance with the Mining Plan.
The certificate issued hereby is based on the info from the best available copies of the
Mining Plan, Geological Block Boundary and Mine Plan Superimposed on the Geological
Block Boundary. CHDPI neither makes for the accuracy and authenticity of the
information nor responsible for it.

General Manager (E&S)
RVUN
LAKHIMPUR, MIZORAM



1. Name of the Block	TARA COAL BLOCK
2. Name of the Block	PARSA EAST & KANTA BASAN COAL BLOCK
3. Name of the Block	
4. Name of the Block	
5. Name of the Block	
6. Name of the Block	
7. Name of the Block	
8. Name of the Block	
9. Name of the Block	
10. Name of the Block	
11. Name of the Block	
12. Name of the Block	
13. Name of the Block	
14. Name of the Block	
15. Name of the Block	
16. Name of the Block	
17. Name of the Block	
18. Name of the Block	
19. Name of the Block	
20. Name of the Block	

Annexure-IV Write-up on proposed Nala diversion for Parsa Coal Block



9.1. General

9.2. Existing Nala Route

Existing nala enters mine block from western boundary and run north east and leave mine block on north boundary. Length of existing nala is 4062 m. and starting level and end level of existing nala is 529.72m and 510.33m respectively. Layout of existing nala shown in below figure:

[illegible]

Existing nala will be diverted along mine block boundary, first south to north and then west to east and will meet existing nala at north mine block boundary. Length of diverted nala will be 5320m. Propose route of nala diversion shown in figure 2:

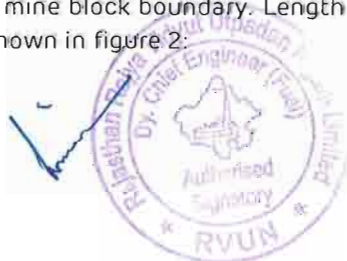
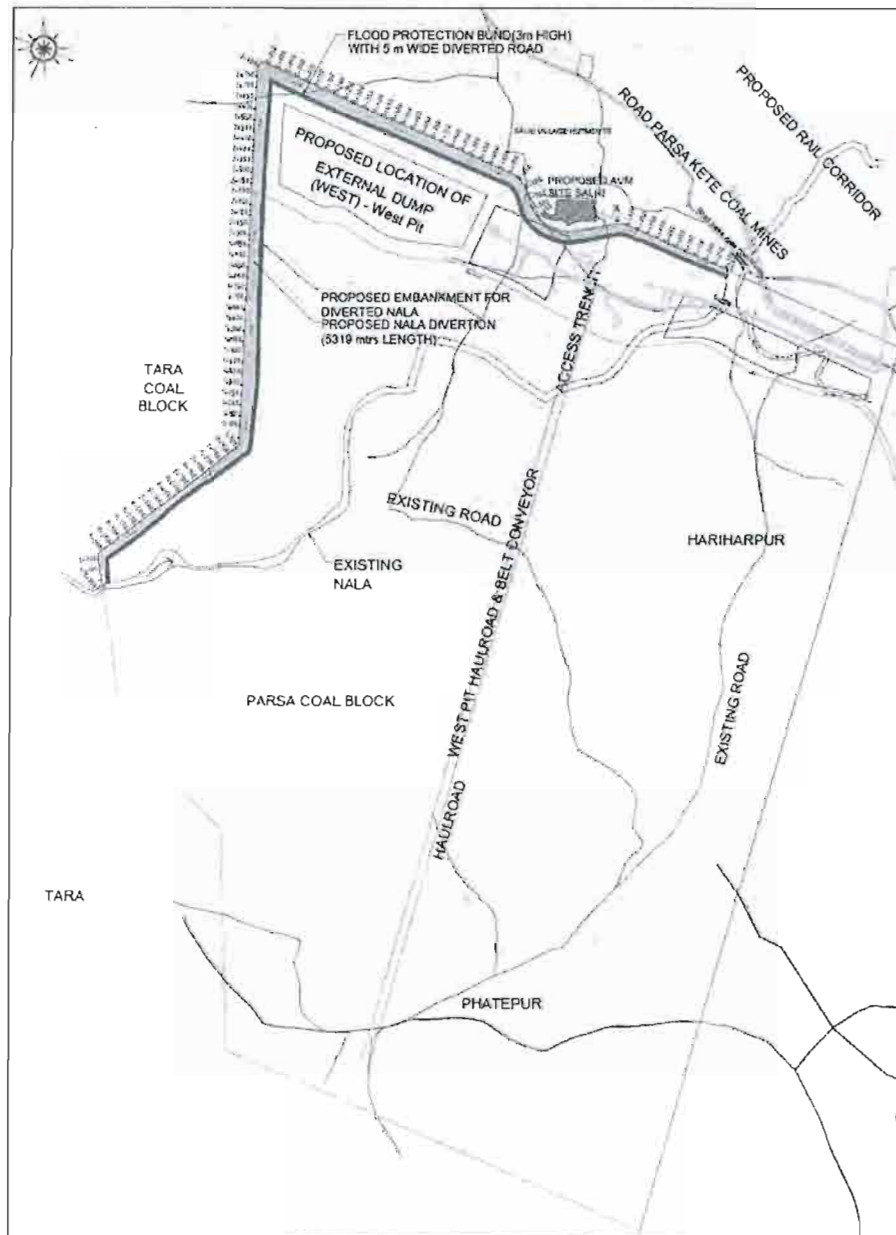


Figure 2: Propose Route Of Nala Diversion



9.4. Estimation of Peak Flood Discharges

The estimation of peak flood discharge is required to calculate to identify size of proposed nala diversion. Peak flood discharge mainly depends on rainfall data, catchment area and its characteristic, topography etc.

9.4.1. Rainfall data

Highest 24 hour rainfall for ARI 25, ARI 50 & ARI100 has been calculated based on Isopluvial maps for the area developed by IMD and published by CWC. Isopluvial map for Parsa area for



maximum 24 hour rainfall of ARI 25, ARI 50 & ARI100 shown in figure 3 to 5 based on report "Flood estimation report for Mahanadi Sub Zone – 3 – (d) (Revised)).

Figure 3: Isopluvial map of 25 Year return period 24 hour Rainfall (mm)

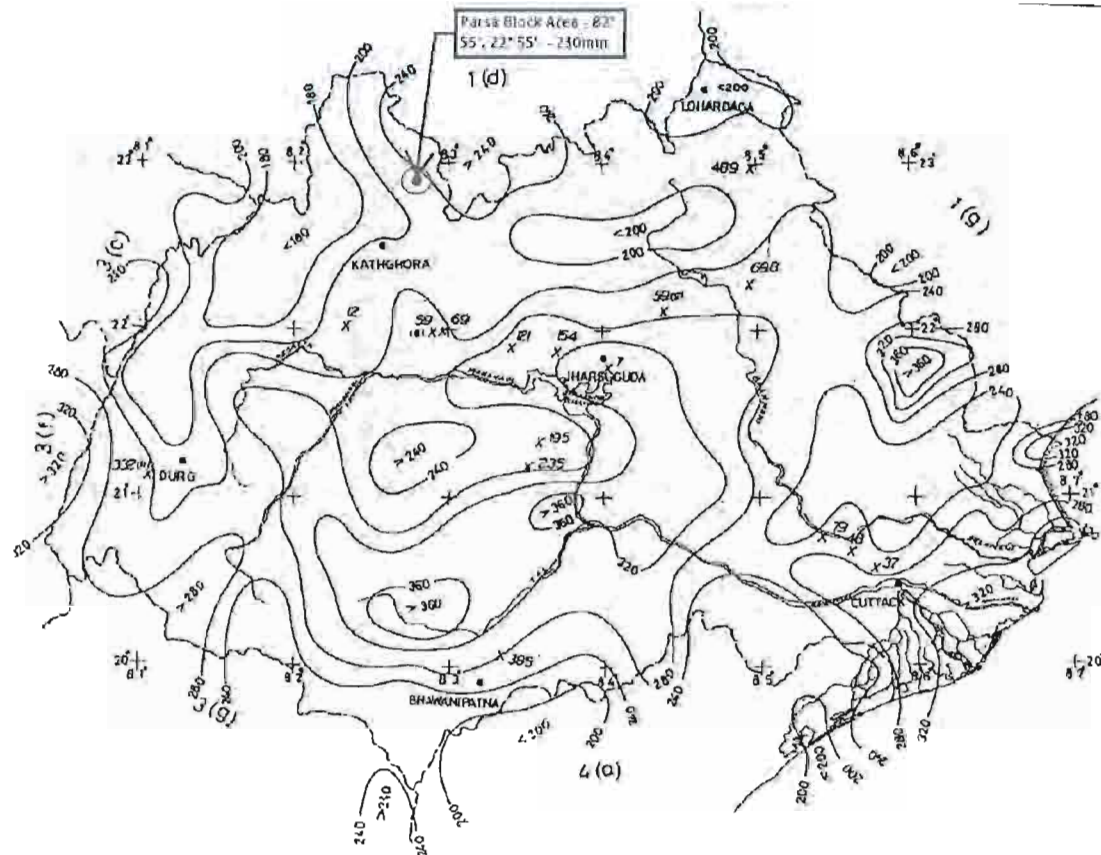


Figure 4: Isopluvial map of 50 Year return period 24 hour Rainfall (mm)

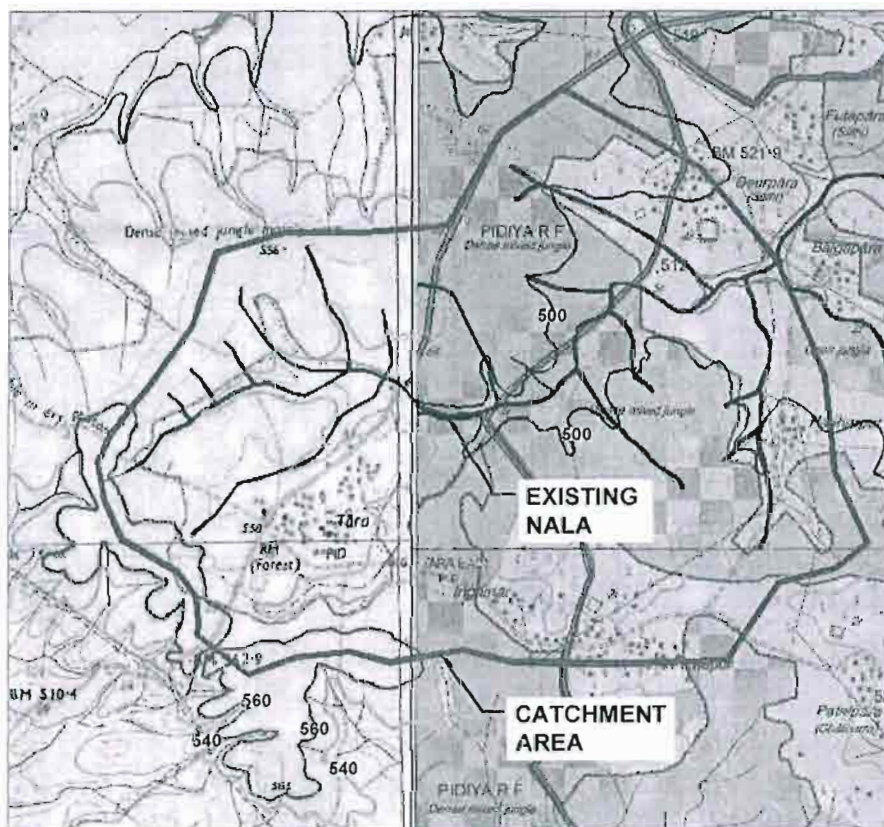


2	ARI 50	290
3	ARI 100	320

9.4.2. Catchment Area

The area encompassing Parsa coal block and Nala 1 falls under Survey of India Toposheet no. 64 J/9 & 64 J/13 on RF 1: 50,000. Catchment area of nala 1 has been calculated 23.02 sq km by demarked the same on toposheet and shown in figure 6. Also based on land use and topography, 0.5 run-off co-efficient has been considered for ration method.

Figure 6: Catchment Area of Nala 1



9.4.3. Estimation of Peak Flood using Rational Formula

For the catchment area of Nala-1 the rational formula has been used to estimates peak discharge, being it is a small catchment and time of concentration is 1-hour. The intensity of rain fall was estimated from the daily rain fall data estimated using Isopluvial maps using the CWC guidelines for this region for different return period rainfalls.

Knowing the intensity of rainfall, catchment area and with an appropriate value of runoff coefficient, the peak discharge is computed using rational formula

$$Q = 0.278 * C * I * A$$

Where,



Q = Peak discharge in m³/sec

C = Runoff coefficient (between 0 and 1)

I = Intensity of rainfall (mm/hr)

A = Catchment area (sq.km)

The runoff coefficients have been assigned on the basis of type of catchment area, land use and land cover details. In this case, the river Kewari originates from a hilly terrain and passing through the area, which is mostly forest. The peak discharges have been computed for nala1 having catchment area 23.02 km². Table 2 below gives the details of computed values of peak Discharge for nala 1 using Rational Formula for ARI 25, ARI 50 & ARI 100.

Table 2 : Peak Discharges using Rational method for Nalla-1

Sr. No.	Return Period	Peak discharge, m ³ /s
1	ARI 25	287
2	ARI 50	362
3	ARI 100	399

9.5. Selection of Diversion Channel parameters

Parameter of nala diversion reach of about 5.32 km along the Western boundary of coal block has been selected based on estimated peak flow of ARI100 & existing ground level of diverted route mention in table 3.

Table 3: Design parameters for diverted channels Parameter

Diversion Channel Length, m	Design Discharge, m ³ /s	Bed, Width, m	Water Depth, m	Bed Slope	Side Slope	Bench width, m	Bench Location
0 to 5320 m	399	20	3.0	1:273	1:1.5	1m	First 5m and then every 10m depth

Based on above parameters, design shows that its required about 1.66 Mcum (@17 lacs cum) excavation for nala diversion. Based on geotechnical data received on site, out of total 1.66Mcum excavation, 1.18Mcum excavation will be in soil, 0.24Mcum excavation will be in soft rock and 0.24Mcum will be in hard rock.

200mm thick RCC lining would be provided on both of the sloping surface of the diverted nala. Total quantity of M30 RCC lining will be about 3000 cum.

Cross section and long section of diverted nala provide in figure 7 & 8.

Figure 7 : Typical Cross-section of Diverted Nala 1



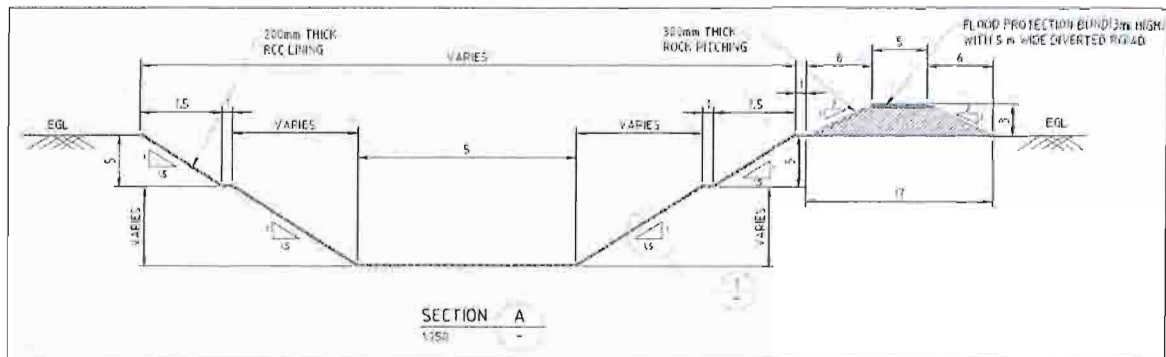
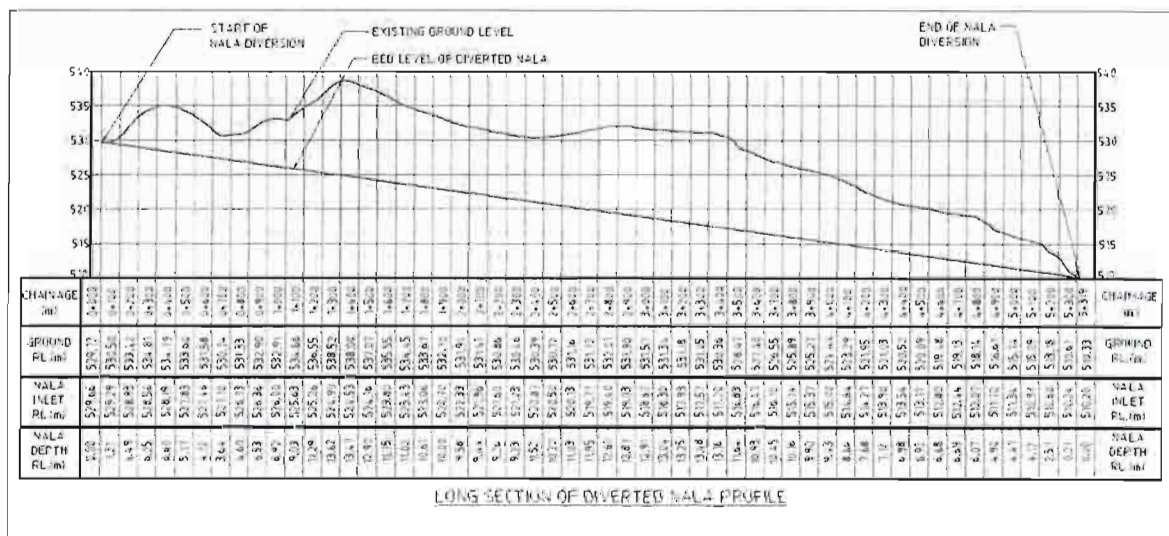


Figure 8 : Long section of Diverted Nala 1



9.6. Flood Protection Bund

Flood protection bund will be proposed on mine side of diverted nala to provide protection again flood to increase immunity against flood and reduce probability of inundation of mine.

Detail of Flood protection bund has been provided in table 4 and Figure 9.

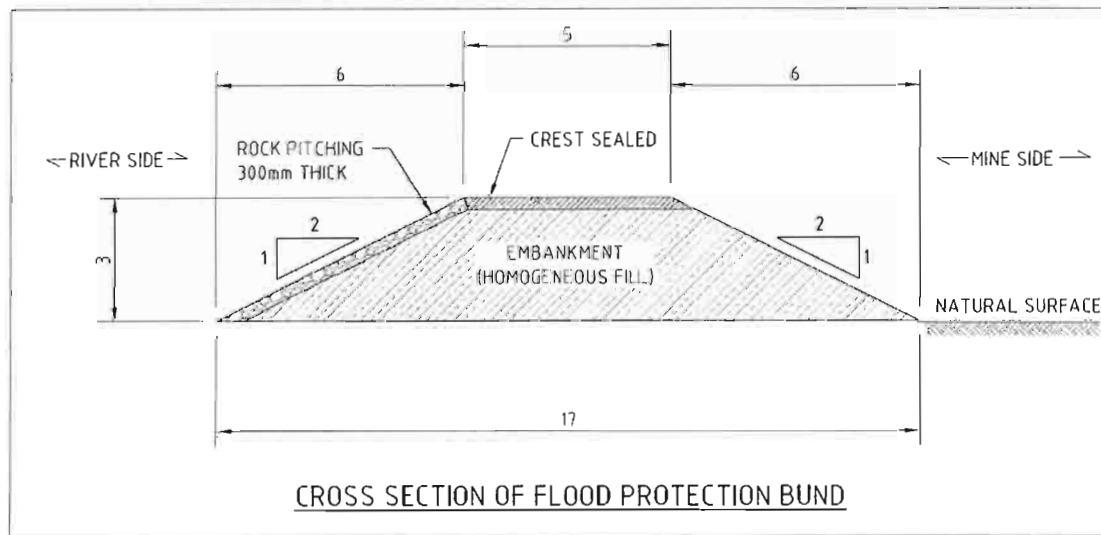
Table 4: Details of Flood Protection Bund

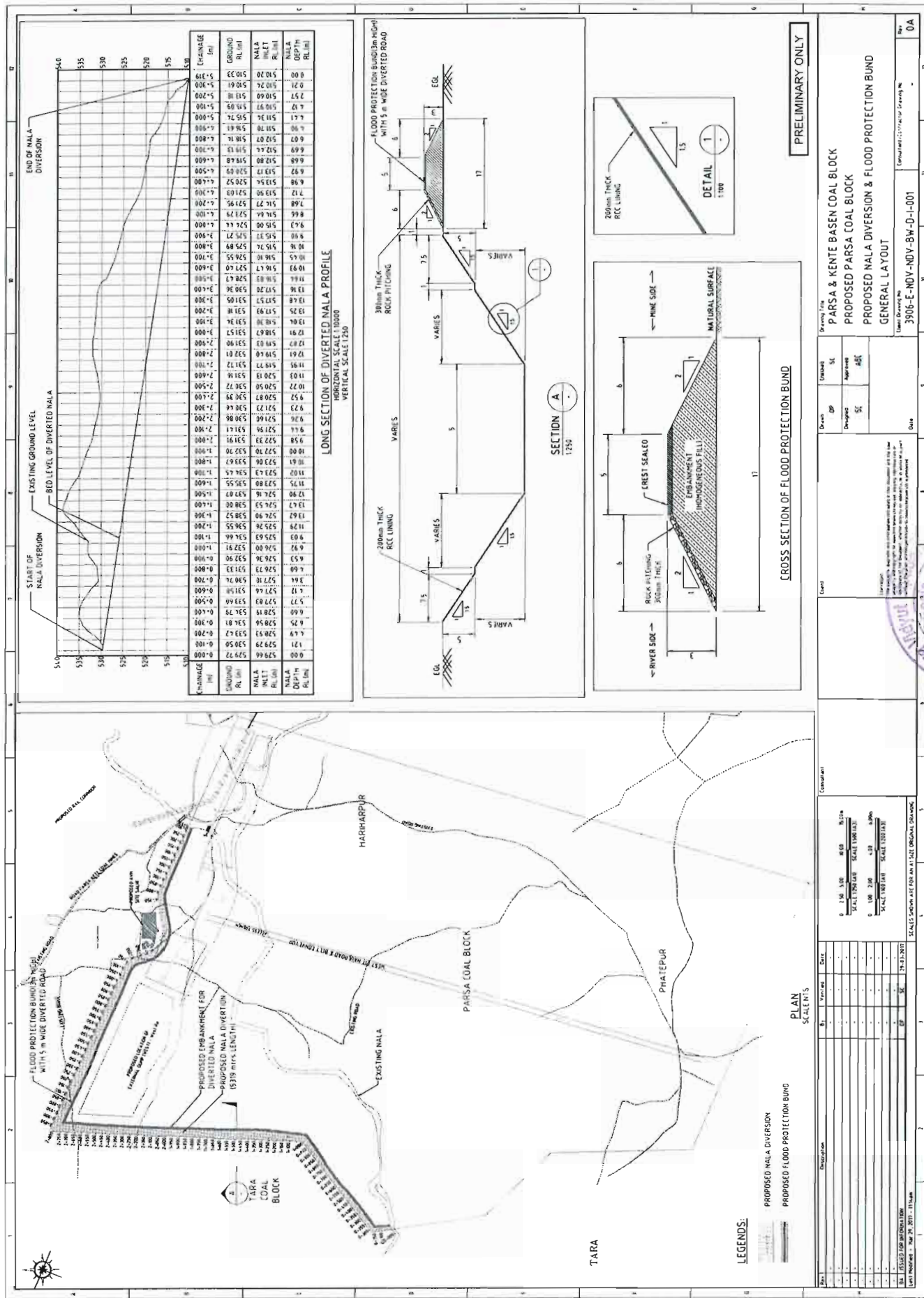
Sr. No.	Description	Detail / Value
1	Length of flood protection bund	5320m
2	Bund height of Flood protection bund	3m
3	Bund side slope of Flood protection bund	1 in 2



4	Top width of Flood protection bund	5m
5	Rock pitching	On side slope of flood protection bund toward nala
6	Earthworks in embankment for Bund single side	176000 cum
7	Rock Pitching – 300mm thick	11000 cum

Figure 9: Typical section of Flood Protection Bund





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Environment Clearance for Parsa Opencast Coal Mine Project of 5 MTPA and pit head coal washery of 5 MTPA

4. Clarification to **para 26.1.4 point-(iv) of agenda Item 26.1** of Minutes of the meeting of the EAC (Thermal & Coal Mining) held on 15th -16th February, 2018- **Comments from State Wild Life Board regarding impact of existing and proposed mining operations on elephant movement and other wild life species.**

कार्यालय प्रधान मुख्य वन संरक्षक (वन्यप्राणी प्रबंधन एवं जैव विविधता संरक्षण
सह मुख्य वन्यप्राणी अभिरक्षक), छत्तीसगढ़

अरण्य भवन, नार्थ ब्लॉक, सेक्टर 19, नया रायपुर

Office Of The Principal Chief Conservator Of Forest (Wildlife Managment And
Biodiversity Conservation Cum Chief Wildlife Warden) Chhattisgarh

अरण्य भवन, नार्थ ब्लॉक, सेक्टर 19, नया रायपुर

ईमेल - cwlwcg@gmail.com

(Ph.0771-2512880, Fax 0771-2512881)

क्र./व.प्रा./प्रबंध/18/...029
प्रति,

रायपुर दिनांक 18/05/2018

✓ Mr. S.K.Shrivastava
Director, I- II (M) Coal Mining Division &
Member Secretary, Expert Appraisal Committee
Ministry Of Environment & Forest & Climate Change,
Indira Paryavarn Bhawan,
Jor Bag Road, New Delhi 110003

Sub: Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of
M/s Rajashtan Rajya Vidyut Utpadan Nigam Limited in a total area of 1252.447 ha at
Hasdeo-Arand Coal Field in Districts Surguja & Surajpur(Chhattisgarh) – For EC.

Ref: (i) Minutes of meeting (MoM) of Expert Appraisal Committee (Thermal & Coal Mining) held
on 15th February 2018

...000...

Sir,

In a reference to MoM of Expert Appraisal Committee (Thermal & Coal Mining) held on 15th
February 2018 Agenda Item no. 26.1.4(4) views of Chief Wildlife Warden regarding opinion sought by
Expert Appraisal Committee (Thermal & Coal Mining) regarding Impact of existing and proposed mining
operation on Elephant movement and other wildlife species needs to be sought, in view of part of the area
proposed for Lemru Elephant Reserve.

In view of the above factual status of the project is given below-

- The total project area of 1252.447 ha includes 841.538 ha of forestland (includes 556.004 ha RF & PF + 285.534 ha of Chhote bade jharka jungle), 365.366 ha is tenancy land (321.09 ha of Adivasi + 44.276 ha of non-advansi land) and 45.543 ha of Government land. Details of forest land given below:

Sr. No.	Forest Division	Name of the Block/ Compartment No.	Required Area (ha)	*CJJ + BJJ (Rev. Forest)	Total Area
1	Surajpur	Piriya (1982)	124.748	29.51	154.258
2	Surajpur	Piriya (1981)	12.483	12.26	24.743
3	Surajpur	Tara (East) (P-1986)	37.209	78.609	115.818
4	Surajpur	Janardanpur(P-1997)	11.109	4.822	15.931
5	Surguja	Ghatbarra (P-2006)	298.496	74.895	373.391
6	Surguja	Ghatbarra (P-2005)	50.63	85.438	136.068
7	Surguja	Fatehpur (P-1998)	21.329		21.329
	Total		556.004	285.534	841.538

*CJJ- ChhoteJhar Ki Jungle, BJJ- Bade Jhar Ki Jungle

- As per records of forest Department, Mining Lease Area of Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s. Rajasthan Rajya Vidyut Utpadan Nigam Limited in Districts Surguja & Surajpur (Chhattisgarh) does not fall in any notified protected area including national parks, wildlife sanctuaries, animal/elephant corridors etc. Proposed Project area also does not fall in 10 Km radius of any such protected area.
- I would like to mention here that State Government vide letter No. F-5-6/10-2/2009 dated 20th July 2009 (enclosed) **rejected the proposal of Lemru Elephant Reserve**. So as on today **Lemru Elephant Reserve does not exist**. It was also decided that wildlife conservation and management has to be carried out by improving habitat of the existing national park and sanctuaries rather than creating new elephant reserve, national park and sanctuary.
- As per records of local forest officials as well as study undertaken for Wildlife Conservation Plan for Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA, this area is not a regular habitat/corridor of elephants. Although occasional visits of stray elephants have been reported in the area resulting into human-wildlife conflict and property damages.
- Keeping that in mind, an elaborate **Wildlife Management Plan** with an estimated cost of **Rs. 12.16 Crs**, has prepared by Mr. Ashok Masih, (Retd. Addl. P.C.C.F) Member of "*Society for Social Services, Madhya Bharat Chapter, Bhilai*" to mitigate the impact of project, if any. Effective mitigation measures have been taken particularly with reference to elephant movement and protection. Wildlife Management Plan has also been approved by CWLW, Chhattisgarh vide letter dated 8th June, 2017.
- In Wildlife Management Plan provisions to reduce human-animal conflict, solar fencing, public awareness, establishment of Elephant Control Room at divisional level, Elephant Protection Team at range level and Elephant Friend Group (Hathi Mitra Samooh) at concerned village level has been made.

After examining all aspects of forest & wildlife issues, the state government has forwarded the Parsa Opencast Coal Mine Project of 5 MTPA and Pit Head Coal Washery of 5 MTPA of M/s Rajasthan Rajya Vidyut Utpadan Nigam Limited to MoEF & CC vide letter no. F-5-17/2018/10-2 dated 02nd May 2018, for perusal and necessary action.

Above are the comments for your consideration and necessary action


Principal Chief Conservator of Forest (Wildlife) &
CWLW Chhattisgarh, Raipur

पृ.क्र./व.प्रा./प्रबंध/18/3030

रायपुर दिनांक 18/05/2018

Copy To

1. Additional Principal Chief Conservator Of Forest (LM) Chhattisgarh Raipur
2. Rajasthan Rajya Vidyut Utpadan Nigam Ltd. Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur - 302005


Principal Chief Conservator of Forest (Wildlife) &
CWLW Chhattisgarh, Raipur

छत्तीसगढ़ शासन

वन विभाग

डी०के०एस० भवन, मंत्रालय, रायपुर

क्रमांक/एफ-5-6/10-2/2009

रायपुर दिनांक 22/06/2009

प्रति,

✓ प्रधान मुख्य वन संरक्षक,
वन्य-प्राणी,
छत्तीसगढ़

विषय - कोरबा वन मण्डल में हाथी रिजर्व का प्रस्ताव ।

संदर्भ - आपका पत्र क्रमांक 1357, रायपुर दिनांक 22-06-2009, पत्र क्रमांक 1525/ दिनांक 24.06.08 एवं पत्र क्रमांक 2493, दिनांक 17.10.08.

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विषयांतरगत लेख है कि छत्तीसगढ़ में हाथी की समस्या को देखते हुए राज्य शासन ने यह निर्णय लिया है कि बादलखोल, सेमरसोत एवं तमोर पिंगला अभ्यारण्यों में हाथी रिजर्व बनाने का कार्य जारी रखा जाय, लेमरू से संबंधित प्रस्ताव विचारोपरांत अमान्य किया जाता है । प्रदेश के अन्य किसी भी स्थान पर कोई नया हाथी रिजर्व, सेन्चुरी अथवा नेशनल पार्क न बनाया जाय ।

वर्तमान में जो नेशनल पार्क एवं अभ्यारण्य अस्तित्व में है उन पर ही मली भांति ध्यान देकर वन्य प्राणियों के सुरक्षा एवं विकास का कार्य किया जाय तथा क्षेत्रिय वन मण्डलों में जो वन्य प्राणी पाये जाते हैं उनके लिए संबंधित वन मण्डलाधिकारी द्वारा वन्य प्राणी प्रबंधन के लिए पानी के स्रोत एवं रहवास विकसित करने के प्रयास उनके वन मण्डल के सभी कार्यों के साथ-साथ किये जावें ।

राज्य शासन द्वारा यह निर्णय लिया गया है कि राज्य में पुराने अभ्यारण्यों/ नेशनल पार्क के क्षेत्रफल में परिवर्तन करने के प्रस्ताव, नये वन क्षेत्रों को हाथी रिजर्व अभ्यारण्य अथवा नेशनल पार्क बनाने के प्रस्ताव मंत्रि परिषद में विस्तार से चर्चा के उपरांत ही पारित किये जा सकेंगे । वर्तमान में राज्य शासन अभी किसी नये क्षेत्र को अभ्यारण्य/ हाथी रिजर्व/ नेशनल पार्क बनाये जाने पर विचार नहीं कर रहा है ।

(कौशलेन्द्र सिंह)

सचिव,

छ०ग० शासन, वन विभाग

रायपुर दिनांक/...../2009

पृ०क्रमांक/एफ-5-6/10-2/2009

प्रतिलिपि:-

- 1/ मुख्य वन संरक्षक, (भू प्रबंध), कार्यालय प्रधान मुख्य वन संरक्षक, छत्तीसगढ़, रायपुर को उनके पत्र क्रमांक भू प्रबंध/ खनिज/ 277/1283, दिनांक 9-6-2009 के संदर्भ में सूचनार्थ प्रेषित ।
- 2/ वन मण्डलाधिकारी, कोरबा वन मण्डल, कोरबा की ओर सूचनार्थ प्रेषित ।

सचिव,

छत्तीसगढ़ शासन, वन विभाग