

North Karanpura Transco Limited

(Program Under Government of India)

Sunita Sadan, 1st Floor, Ashram Marg Bariatu, Near Military Firing Range,
Dist –Ranchi, Pin 834009 Jharkhand, Fax: 91-(79)-2555 7177
Email id: northkaranpuratransco@gmail.com

Ref: NKTL(s)/2019-20/F44

Date: 16-01-2020

To,
Nodal Officer,
Forest Department,
Ranchi, Jharkhand.

Subject: Diversion of 193.526 Ha. Forest Land towards “Construction of 400 kV D/C North Karanpura - Gaya Transmission Line” in the State of Jharkhand in favor of M/s. North Karanpura Transco Limited.

Reference:

- 1 File No. FP/JH/TRANS/41236/2019 Dated 20/07/2019
- 2 Query for Shortcoming by Nodal Office Dated 29/07/2019

Respected Sir,

The Ministry of Power, Government of India has initiated a scheme for development of transmission system for evacuation of power from North Karanpura 3X360MW generation project of NTPC.

As a part of this development initiative, M/s North Karanpura Transco Limited (NKTL) a company formed and have received approval under the Section 68 of the Electricity Act-2003 to construct a transmission line project with below mentioned scope of work:

Sr. No.	Elements of the Project
1	400kV D/C North Karanpura – Chandwa Transmission Line
2	400kV D/C North Karanpura – Gaya Transmission Line
3	Establishment of 400/220 kV 2X 500 MVA substation at Dhanbad
4	LILO of Both circuits of Ranchi Maithon RB 400kV D/C Line at Dhanbad

We further, would like to humbly inform you that, the said Project has great National Importance for immediate evacuation of power from NTPC North Karanpura Generation project (3X660 MW) of NTPC along with evacuating the bottled-up power from power surplus states to power deficit states and will also support to provide additional system strengthening of National Grid.

With reference to Query for Shortcoming (EDS) by Nodal Officer Dated 29/07/2019 and 14/09/2019 on Proposal No: FP/JH/TRANS/41236/2019 Dated 20/07/2019, which

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followed with meetings in person on 06/08/2019, 13/08/2019 , 21/08/2019, 28/08/2019 , 04/09/2019 ,11/10/2019 , 22/10/2019 and 05-11-2019 for Diversion of 193.526Ha. Forest Land towards “Construction of 400 kV D/C North Karanpura - Gaya Transmission Line” in the state of Jharkhand in-favor of M/s. North Karanpura Transco Limited. Our responses to the query raised are as follows:

S.No	Observation made by Nodal Officer	Reply to the observation by North Karanpura Transco Limited
1.	A.3 Applicant should be officials of North Karanpura Transco Ltd. Accordingly revise authorization, if required	Copy of Board Resolution Passed in the meeting of Board of Directors of North Karanpura Transco Limited (NKTL) Held on 01-May'2019 has been uploaded in lieu of the competent authority of the person making the application on behalf of the User Agency. Wherein, it is certified that Mr. Chandra Shekhar Singh is authorized official of NKTL and Authorized Signatory to make and submit the application. Copy of Board Resolution enclosed as Annexure 1 for your reference.
2	C. Please arrange a presentation to Nodal Officer on route selected for laying of transmission Line, as uploaded KMLs for this project and proposal No. FP/JH/TRANS/40694/2019 shows that by taking slightly different routes a sizable forest area under proposed diversion may be minimized.	Our presentation last week was submitted and discussed and now the presentation on 06/08/2019, 13/08/2019, 21/08/2019, 28/08/2019, 04/09/2019, 11/10/2019, 22/10/2019 and 05-11-2019 is submitted with consideration after comprehensive study and observation. This report is being submitted in tabular format with detailed information of land and tree status. We have taken utmost care in minimizing forest area in the transmission line route. The measures taken to minimize forest area are mentioned in a brief through a presentation. Further, as suggested tree enumeration comparative list is enclosed as advised in Annexure 6 Copy of Presentation enclosed as Annexure 2 for your reference. Central Coalfield Limited NOC attached as Annexure 3 for your reference.

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S.No	Observation made by Nodal Officer	Reply to the observation by North Karanpura Transco Limited
3	G. Cost of CA should be taken as Rs. 4.50 lakh/ha. and area of double degraded land should be taken as 390.0 ha.	Correction made as suggested in submitted Cost Benefit Analysis and the same is resubmitted. Copy enclosed as Annexure 7 for your reference.

In brief for point 2:

With reference to our various meeting at your good office with observation and suggestions thereof, we did the due diligence at our end to the best as per the route suggested. In-course of incorporating the changes we found that the suggested diversion of land is also going through the land of Forest. Detailed studies between Submission Route (AP29-35) Vs Nodal Suggested Route (AP29-35) and Optimized Route which we have done from our end (AP29-35) are shown in tabular form:

1. Detailed study of (AP 29/0 to AP35/0) Submission Route Vs Nodal Suggested Route vs Optimized Route is presented as below table:

Content	Submission Route (AP29-35)	Nodal Suggested Route (AP29-35)	Optimized Route (AP29-35)	Diff Nodal Suggested Route Vs Submission Route	Diff Optimized Route Vs Submission Route
	1	2	3	4=2-1	5=3-1
Notified Forest Area in Ha.	17.4160	20.8403	17.3980	3.4243	-0.0180
GM JJ Area in Ha.	3.1958	0.7653	2.896	-2.4305	-0.2998
Total Area in Ha.	20.6120	21.6056	20.294	0.9936	-0.318
Total Tree in the Corridor (Nos)	2430	2413	1788	-17	-642
Tree Cutting proposed (Nos)	1478	1324	964	-154	-514
Total Forest Area in Proposal	193.5260	195.6199	193.5525	2.0939	0.0270

Apart from the suggestion from the Nodal Officer we did some acute survey to our submitted proposal and with some re-alignment found that tree felling/cutting can be reduced approx. 514 nos from our original submission whereas land area is almost same.

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With above data analysis it discussion at PCCF(Nodal), HOFF we conclude the Optimized Route is the best option for construction which impacts **514 less tree** with slightly decreasing the area by 0.318 ha. compared to Submission Route between AP29 to AP35 making it viable with forest perspective. There is slight change in total submission of the area from 193.5260 ha to 193.5525 ha due to correction of data in the entire proposal which can be attributed to typo error.

We look forward for your valuable suggestion & decision in selecting the best option thereof to finalize with optimization in forest diversion proposal and give your clearance for final submission of the file.

We shall be highly obliged.

Yours Faithfully

For, M/s. North Karanpura Transco Limited.


Chandra Shekhar Singh
Assistant Manager-Projects
North Karanpura Transco Limited
Ranchi

(Authorized Signatory)

List of enclosure:

- 1 Copy of Board Resolution enclosed as.....Annexure 1
- 2 Copy of Presentation enclosed as.....Annexure 2
- 3 Central Coalfield Limited NOC enclosed asAnnexure 3
- 4 Circle Officer (CO) Report enclosed as.....Annexure 4
- 5 Area Statement attached enclosed as.....Annexure 5
- 6 Tree enumeration comparative list is enclosed asAnnexure 6
- 7 Copy of Cost Benefit Analysis enclosed as..... Annexure 7