



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport & Highways, Govt of India)

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

301 - ए, तीसरी मंजिल, पाल हाईट्स, प्लॉट नं जे/7, जयदेव विहार, भुवनेश्वर - 751013, ओडिशा

301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar, Bhubaneswar- 751013, Odisha

दूरभाष / Ph.: 0674 - 2361470/ 570/670 (का/ओ)

ई-मेल/e-mail : roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट/Web : www.nhai.gov.in



NHAI/13011/54/RO/OD/1859/2024

18.09.2024

To

The Sr. Technical Director,  
NIC Centre at MoRTH,  
Transport Bhawan,  
New Delhi 110001

Sub: Rehabilitation and up-gradation of 4-laning of Angul-Sambalpur Section of NH-42 (New NH-55) from Km.112.000 to Km.265.000 in the State of Odisha on EPC mode-Permission for overhead crossing of 400 kV D/C ACPP-II Phulpada (PGCIL) Transmission line at Km.113+710 - Reg

Ref: PD, PIU- Sambalpur letter No. 1019 dated 05.08.2024 and 691 dated 29.05.2024

Sir,

Please find enclosed herewith a proposal of M/s Jindal Steel & Power Ltd., Angul for overhead crossing of 400 kV D/C ACPP-II Phulpada (PGCIL) Transmission line at Km.113+710. The details are as under:

Sl No.	Description	Chainage	NH No.	Remark
1.	Crossing	Km.113+710	55	Overhead crossing of 400 kV D/C ACPP-II Phulpada (PGCIL) Transmission line

2. Accordingly, as per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016, the application along with the recommendations of concerned PD/Consultants are enclosed herewith with request to hoist the same in the Ministry's Website for public comments within 30 days of uploading on the website.

This is issued with the approval of the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar.

Yours faithfully,

  
18.09.24

(Abinash Behera)  
Dy. Manager (Tech)



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NHAI/13011/54/RO/OD/ 1858 /2024

18.09.2024

### INVITATION OF PUBLIC COMMENTS

**Sub:** Rehabilitation and up-gradation of 4-laning of Angul-Sambalpur Section of NH-42 (New NH-55) from Km.112.000 to Km.265.000 in the State of Odisha on EPC mode-Permission for overhead crossing of 400 kV D/C ACPP-II Phulpada (PGCIL) Transmission line at Km.113+710 - Reg

M/s Jindal Steel & Power Ltd., Angul has submitted a proposal for overhead crossing of 400 kV D/C ACPP-II Phulpada (PGCIL) Transmission line at Km.113+710. The details are as under:

Sl No.	Description	Chainage	NH No.	Remark
1.	Crossing	Km.113+710	55	Overhead crossing of 400 kV D/C ACPP-II Phulpada (PGCIL) Transmission line

3. As per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the Highway Administration will put out the application in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

4. In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address:

The Regional Officer,  
National Highways Authority of India,  
Regional Office, Odisha  
301-A, 3rd Floor, Pal Heights,  
J/7, Jayadev Vihar, Bhubaneswar 751013, Odisha  
e-mail : [roodisha@nhai.org](mailto:roodisha@nhai.org)

This is issued with the approval of the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".

18.09.24

Dy. Manager (Tech)  
National Highways Authority of India,  
Regional Office, Odisha  
301-A, 3rd Floor, Pal Heights,  
J/7, Jayadev Vihar, Bhubaneswar 751013



## Check List

Guidelines for Project Directors for processing the proposal for over head crossing of 400 Kv D/C Transmission Line in the land along National Highway vested with NHAI

### Relevant Circulars

- 1) Ministry Circular No. NH-41 (58)68 dated 31.01.1969
- 2) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.19776
- 3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
- 5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 6) Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
- 7) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003

Check list for getting approval for laying of over head crossing of 400 Kv D/C Transmission Line NH land

### NH-55

Sl No.	Item	Information / Status	Remarks
1	General information		
1.1	Name and Address of the Applicant	Biswajyoti swain Vice President, Electrical Mail Id-biswajyoti.swain@jindalsteel.com Phone No.- 9821110167 Jindal Steel and Power Limited Village – Malibrahmani, PO – Nisha, ACP-11 Chhendipadaroad, Distt – Angul Odisha, Pin – 759130	
1.2	National Highway Number	NH 55	
1.3	State	Odisha	
1.4	Location	ANGUL-SAMBALPUR SECTION FROM KM 112.00 TO 265.00, CROSSING AT CH.113+710	
1.5	(Chainage in Km)	1) Across the chainage 113+710 And installed at L.H.S- 140 m And R.H.S.-153.50 m from center line (Road Crossing)	
1.6	Length in Meters	Across: 336.00 Mtrs	
1.7	Width of available ROW		
	(a) left side from center line towards increasing chainage /km direction	30 Mtr	
	(b) Right side center from line towards increasing chainage / Km direction	30 Mtr	
1.8	Over head crossing span	360mtr	
1.9	Vertical clearance of 400 kv Transimission line	21.14	

प्रबंधक (तकनीकी)/Manager (Tech.)  
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National Highways Authority of India  
का.ई., सम्बलपुर/PIU, Sambalpur

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महाप्रबंधक और परियोजना निदेशक  
GM(T) & Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण विभाग  
National Highways Authority of India  
का.ई., सम्बलपुर/PIU, Sambalpur

(B. Swain)  
Vice-President, Electrical  
Authorised Signature  
JSP, Angul

1.11	Whether proposal is in the same side where land is not to be acquired. If not then where to lay the water pipe line	N.A	
1.12	Details of already laid services, if any, along the proposed route	No	
1.13	Number of lanes (2/4/6/8 lane) existing	4	
1.14	Purposed number of lanes (2 lanes with paved shoulders/4/6/8 lanes)	N.A	
1.15	Service road existing or not	NO	
	(a) Left side from center line	N.A	
	(b) Right side from center line	N.A	
1.16	The permission for laying of 400 Kv Transmission line shall be considered for approval / rejection based on the Ministry Circulars as above.		
	(a) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.	Agreed	
	(b) Service are not being allowed indiscriminately on the parapet/any part of the bridges, Safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.	Agreed	
1.17	If crossings of the the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.		
	(a) Existing drainage structures shall not be allowed to carry the lines.	Agreed	
	(b) Is it on a line normal to NH	Yes	
	(C) Crossing shall not be too near the existing structure on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures.	Agreed	
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	Agreed	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Agreed	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Agreed	
	(g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	Agreed	
	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Agreed	
2	Document / Drawings enclosed with the proposal	Yes	
3	Draft license Agreement signed by two witnesses.	Yes	



4.1	Performance BG as per above is to be obtained.	BG will be submitted as intimated by NHAI	
4.2	Conformation of BG has been obtained as per NHAI guidelines		
5	Affidavit / Undertaking form the Applicant for	Yes	
5.1	Not to damage to other utility, if damaged then to pay losses either to NHAI or to the concerned agency	Yes	
5.2	Renewal of Bank Gurantee	Yes	
5.3	Conforming all standard condition of NHAI's guideline	Yes	
5.4	Shifting of Water Supply Pipe Line as and when required by NHA at their own cost.	Yes	
5.5	Shifting due to 6 lanning/widening of NH	Yes	
5.6	Indemnity against all damages and claims clasuse (xxiv)	Yes	
5.7	Traffic movement during crossing of 400 kv D/c Power line to be managed by the applicant	Yes	
5.8	If any claims is raised by the Concessionaire then the same has to be paid by the applicant	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the showing Water Supply pipe line located in the National highway right-of-ways.	Yes	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water Supply pipe line will be borne by the agency owning the line.	Yes	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format (i) Power line crossing on this NH crossing section will not have any deleterious effect on any of the bridge components and roadway safety for traffic.	Yes	
6	Who will sign the agreement on behalf	Biswajyoti swain, Vice President, Electrical(JSPL)	
7	Certificate from the Project Director	attached	
7.1	Certificate for conforming of all standard condition issued vide Ministry Circular No. Ministry Circular No.NH-41 (58) 68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003	Yes	

धक (तकनिकी)/Manager (Tech.)

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National Highways Authority of India


का.ई., सम्बलपुर/PIU, Sambalpur

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GM(T) & Project Director  
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का.ई., सम्बलपुर, ओडीशा / PIU, Sambalpur, Odisha

(B. Swain)  
Vice-President, Electrical  
Authorised Signature  
JSPL, ANGUL

7.2	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc". (ii) for 6-lanning (a) Where feasibility is available " I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structure at the said location". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".	Yes	
8	If NH Section proposed to be taken up by NHAI on BOT basis- a clause to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [ ] section from Km [ ] to Km [ ] of NH No. [ ] on Build, Operate and Transfer Basis] and thereof, the licensee shall honour the same".		
9	Who will supervise the work of laying of 400 kv D/C power line crossing work	JSPL	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire	JSPL	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed)		
13	If any previous approval is accorded for laying of underground Water Supply Pipe line then photocopy of register of records of the permission accorded as maintained by PD then copy be enclosed.		

  
 अधिक (तकनिकी)/Manager (Teesh.)  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
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 National Highways Authority of India  
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 (B. Swain)  
 Vice-President, Electrical  
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 JSPL, ANGUL