



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/0)

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



NHAI/13011/54/RO/OD/2104 /2023

24.07.2023

To

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

Sub: Rehabilitation & Up gradation of Cuttack- Angul section of NH-42 (New NH-55) to 4-lane in the State of Odisha under NHDP-III on EPC Mode Package-II- **Permission for erection of 33 kV new line along and crossing NH-55 from Shakti Sugar 4- pole to Gundichapada 132 / 33 kV Grid - Reg**

Sir,

Please find enclosed herewith a proposal of M/s TPCODL, Dhenkanal for erection of 33 kV new line along and crossing NH-55 from Shakti Sugar 4- pole to Gundichapada 132 / 33 kV Grid by OPTCL. The details are as under:

Sl. No.	Description	Chainage	NH No.	Remarks
1.	Along the road	Km.46+318 to Km.47+620 (LHS)	NH-42 (New NH-55)	33 kV Underground Cable, Over Head Line and U2 nos. crossing
2.		Km.47+620 to Km.49+070 (LHS)		
3.		Km.49+070 to Km.50+540 (RHC)		
4.	Crossing-1	Km.46+318		
5.	Crossing-2	Km.50+540		

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,

Abinash Behera
24.07.23

(Abinash Behera)
Dy. Manager (Tech)



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/ 2103 /2023

24.07.2023

INVITATION OF PUBLIC COMMENTS

Sub: Rehabilitation & Up gradation of Cuttack- Angul section of NH-42 (New NH-55) to 4-lane in the State of Odisha under NHDP-III on EPC Mode Package-II- **Permission for erection of 33 kV new line along and crossing NH-55 from Shakti Sugar 4- pole to Gundichapada 132 / 33 kV Grid - Reg**

M/s TPCODL, Dhenkanal has submitted a proposal for erection of 33 kV new line along and crossing NH-55 from Shakti Sugar 4- pole to Gundichapada 132 / 33 kV Grid by OPTCL. The details are as under:

Sl. No.	Description	Chainage	NH No.	Remarks
1.	Along the road	Km.46+318 to Km.47+620 (LHS)	NH-42 (New NH-55)	33 kV Underground Cable, Over Head Line and 02 nos. crossing
2.		Km.47+620 to Km.49+070 (LHS)		
3.		Km.49+070 to Km.50+540 (RHS)		
4.	Crossing 1	Km.46+318		
5.	Crossing-2	Km.50+540		

2. 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).

3. 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

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

(Signature)
24.07.23

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

Checklist for getting approval for construction of U.G Cable for 33KV New line on NH No. 55 under
TPCODL CAPEX scheme

Sl. No.	Item	Information / Status	Remarks
1.	General Information	Permission of erection of 33KV U.G new line	
1.1	Name and Address of the Applicant / Agency	Dhaneswar Nanda, HOD- Projects, DKL circle ✓	
1.2	National Highway Number	NH 55	
1.3	State	Odisha	
1.4	Location	Shaktisugar to Gundichapada	
1.5	(33KV new Line In Km)	Road Ch: From 46.318 KM to Km 50.540	
1.6	Length In Meters	5000	
1.7	Width of available ROW	2100MTR Mention in Survey Drawing	
	a) Left side from center line towards increasing chain age / km direction	30 MTR	
	b) Right side from center line towards increasing chain age / km direction.	30 MTR	
1.8	Proposal to construction of new 33KV line	33KV new U.G line will be laid along NH-55 at locations mentioned in Sl. 1.4 & 1.5	
	a) Left side from center line towards increasing chain age / km direction	N/A	
	b) Right side from center line towards increasing chain age / km direction.	30MTR FROM CL	
1.9	Proposal to acquire land	Land available from	
	a) Left side from center line	N/A	
	b) Right side from center line	N/A	
1.10	Whether proposal is in the same side where land is not to be acquired.	N/A	
	Is not then where to erect the transmission line	N/A	
1.11	Details of already laid services, if any along the proposed route.	N/A	
1.12	Number of lanes (2/4/6/8 Lanes) existing	4 Lanes	
1.13	Proposed Number of lanes (2 Lanes with paved shoulders/4/6/8 Lanes)	4 Lanes	
1.14	Services road existing or not	Yes	
	If yes then which side	Right Side	
	a) Left side from center line		
	b) Right side from center line		
1.15	Proposed Service Road		

	a) Left side from center line	N/A	
	b) Right side from center line	N/A	
1.16	Whether proposal to lay transmissio line is after the service road or between the service road and main carriageway	N/A	
	a) Carrying of sewerage / gas pipelines on highway bridges shall not be permitted as Furnes / Gases pipes can accelerate the process of correction or may cause explasion thus, being much more injurious than leakage or water.	N/A	
	b) Carrying of transmission lines on bridges shall also be discouraged, However, if the authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalised, they may be promoted to carry the line ion independent superstructure, supported on extended portions of pipes and abutments in such a manner that in that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs etc.	Agreed	
	c) Cost of required extension of the substructure as well as that of the supporting superstructure hall be borne by the agenc in charge of the utilities.	N/A	
	d) Services 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' Project Chief Engineers only.	N/A	
1.17	If crossings of the road involved		
	If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owing the line.	N/A	
	a) Existing drainage structures shall not be allowed to carry the lines.	N/A	
	b) is it on line normal to NH	YES	
	c) Crossings shll not be too near the existing structures on the National Highway, the		
1.18	minimum distance being 15 meters, what is the distance from the existing structures	Distance from the nearest structure	

1.19	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.	YES	
1.20	Ends of the casing / conduit pipe shall be sealed from the out so that it does not act as a drainage path.	Yes	
1.21	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 below the drain inverts.	N/A	
1.22	Crossing shall be by boring methods (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	N/A	
1.23	The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the intimation of a waterway along it.	N/A	
1.24	Document/Drawings enclosed with the proposal.	N/A	
1.25	Cross section showing the size of trenches for open trenching method (is it normal size of 1.2m deep x 0.3m wide)		
1.26	Should not be greater than 60cm wider than the other diameter the pipe.	N/A	
1.27	Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the center - lines of the nearest carriageway.	N/A	
1.28	Shall not be permitted to run along the National Highways when the road formation is suited in double cutting. Now shall be laid over the existing culverts and bridges.	N/A	
1.29	These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct.	N/A	
1.30	Cross section showing the size of pit for erection of RSJ pole.	N/A	
1.31	Trip plan, Route plan showing Transmission line, Chainage width of ROW, distance of proposed line from the edge of ROW, important mile note, Intersections, Cross drainage works etc.	Incorporated in the Drawing.	
1.32	Methodology for erection of transmission line	Attached	

1.33	Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, If yes Methodology or refilling of Trench.	N/A	
1.34	The trench width should be least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	N/A	
1.35	For filling of the trench, Bedding shall be consist of granular material, free of lumps clods and cobbles and graded to yield a firm surfacr without sudden change in the bearing value, Unsuitable soil and rock edged should be excavated and replaced by selected material.	N/A	
1.36	The backfill shall be completed in two stage (i) side fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	N/A	
1.37	The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tempering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall compacted to the same density as the material that had been removed. Consolidation by saturation or pending will be permitted.	N/A	
1.38	The road crust shall be built to the same strength is the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	N/A	
1.39	The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	Yes Agreed	
1.40	If required, a diversion shall be constructed at the expense of agency owing the utility line.	Yes Agreed	
1.41	Transmission line erection Method.	Enclosed	
1.42	Laying of transmission line through CD works and method of laying.	N/A	
1.43	On approaches, the lines / cable shall be carried along a line as close to the edge of the right of way as possible up a distance of 30 M from the bridge and subject to all other stipulations contained in	Agreed	
1.44	this Ministry's guidelines issued with letter No. NH-HL/P/66/76 dated 19.11.1976		
1.45	Draft License Agreement signed by two Witness	Yes Agreed and enclosed	

In case feasibility report is not available "I do certify that sufficient ROW is available at side for accommodating proposed six-laning.	N/A	
NHAI section proposed to be taken up by NHAI BOT basis-a clause is 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 concessionaire agreement for up-gradation of (..... Section from Km to Km of NH No. on Build operate and transfer basis) and therefore, the licensee shall honour the same.	Clause is inserted in the agreement.	
Who will supervise the work of erection of transmission line.	Applicant	
Who will ensure that the defects in road portion after laying of line are corrected and if not corrected then what action will be then	Applicant	
Who will pay the claims for damages done / disruption in working concessionaire if asked by the concessionaire	Applicant	
Certificate from PD that he will enter the proposed permission as the register of records of the permission in the prescribed performa (copy enclosed)	Enclosed	
Any previous approval is accorded for laying of Transmission line then photocopy of register of records of permission awarded as maintained by PD then copy the enclosed.	N/A	


प्रबंधक (तकनीक)
Manager (Tech.)
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 National Highways Authority of India
 प.का.इ., देहकानाल/P.I.U., Dhenkanal


Dhaneeswar Nanda
AGM Electrical (Projects)
Mobile No.-9437546882
 Email-dhaneeswar.nanda@nhai.co.in

45 
परियोजना निदेशक
PROJECT DIRECTOR
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 National Highways Authority of India
 प.का.इ., देहकानाल/P.I.U., Dhenkanal