



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)

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NHAI/13011/54/RO/OD/ 1840/2024

12.09.2024

To

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

Sub: Request for permission of laying of Power Cable for Electricity supply to Retail Outlet of HPCL- reg.

Ref: PD, PIU- Beharampur letter No. 587 dated 30.07.2024

Sir,

Please find enclosed herewith a proposal of Shri B. Jaga Rao Reddy for permission of laying of Power Cable for Electricity supply to Retail Outlet of HPCL. The details are as under:

Sl. No.	Chainage	Along/ Across	HDPE / DI Pipe Dia in MM	Remarks
1.	Along the NH From Km 437+000 to Km 437+063 and Crossing at Km 437+063	Along & Across	Overhead along the highway and crossing in 160 mm dia (3 Nos.) HDPE pipe	

2. Accordingly, as per guidelines issued by MoRT&H 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 Regional Officer, Odisha.

Thanking you,

Yours faithfully,

Amit Kumar Gupta

(Amit Kumar Gupta)
Dy. General Manager (Tech)



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NHAI/13011/54/RO/OD/ 1839/2024

12.09.2024

INVITATION OF PUBLIC COMMENTS

Sub: Request for permission of laying of Power Cable for Electricity supply to Retail Outlet of HPCL- reg.

Shri B. Jaga Rao Reddy has submitted a proposal for permission of laying of Power Cable for Electricity supply to Retail Outlet of HPCL. The details are as under:

Sl. No.	Chainage	Along/ Across	HDPE / DI Pipe Dia in MM	Remarks
1.	Along the NH From Km 437+000 to Km 437+063 and Crossing at Km 437+063	Along & Across	Overhead along the highway and crossing in 160 mm dia (3 Nos.) HDPE pipe	

2. As per guidelines issued by MoRT&H 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 are 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 RO, Odisha.

Amr KSG

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

CHECK-LIST

Check list for getting approval for laying of Electric Power Transmission Line on NH-18 land

Sl No.	Item	Information/Status	Remarks
1	General Information	Laying of Electrical Power Cable supply for alongside of NH with RoW from Chainage 437.000 KMs to 437.063 KMs and one Crossing at Chainage 437.063 KMs on NH-16.	
1.1	Name and Address of the Applicant	Shri B JAGA RAO REDDY at Tata SEZ, Chamakhandi, Dist-Ganjam, Odisha	
1.2	National Highway	NH-16	
1.3	State	ODISHA	
1.4	Location	Chainage 437.000 KMs to 437.063 KMs and one Crossing at Chainage 437.063 KMs on NH-16	
1.5	(Chainage in K.M)	437.000 KMs to 437.063 KMs	
1.6	Length in Meter	63 MTR	
1.7	Width of Available Row		
	a) Left side from centreline towards increasing chainage/km direction	30 Mtr	
	b) Right side from centre line towards increasing chainage/km direction	30 Mtr	
1.8	Proposal for Overhead Electric Power Transmission line along Nit	YES	
	a) Left side from centre line towards increasing chainage direction	30 Mtr	
	b) Right side from center line towards increasing chainage direction	NA	
1.9	Proposal to acquire land	NA	
	(a)Left side from center line	NA	
	(b)Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired if not then where to lay the cable	ROW	
1.11	Details of already laid services, if any, along the proposal route	NIL	
1.12	Number of lanes (2/4/6/8 lanes) existing	4Lane	
1.13	Proposed Number of lane (2 lane with paved shoulders/4/6/8 lanes)	NIL	
1.14	Service road existing or not	NO	
	If yes then which side	NA	
	a) Left side from center line	NA	
	(b)Right side from center line	NO	
1.15	Proposed service road	NA	
	(a)Left side from center line		
	(b)Right side from center line		

1.16	Whether proposal to lay Overhead Power Transmission line is after the service road in between the service road between the service road and main carriage away	NA	
1.17	The permission for laying Overhead Power Transmission line shall be considered for approval/rejection based in the ministry circulars mentioned as above	YES	
1.18	If crossings of the road involved	YES	
	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	YES, HDD.	
	(a) Existing drainage structures shall not be allowed to carry the lines.	No	
	b) Is it on the line normal to NH	YES	
	C) Crossings shall not tie to near the existing structures on the National Highway, the minimum distance being 15 metre What is the Distance from the existing structures.	Beyond 15 Mtr	
	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 with drawal of the carrier pipe /cable.	YES.	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	YES	
	The casing/conduit pipe should as minimum extended from drain to drain in cuts and top of slope toe of slopes in the fills.	YES	
	(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 0.3metr below the drain inverts.	YES	
	Crossing shall be by boring method HDD, specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	YES	
	l) (The casting/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	YES	
2	Documents/Drawings enclosed with the proposal Cross section showing the size of trench for open trenching method (is it normal size of 2m deep x0.3m wide) i) Should not be greater than 60cm wider than the outer diameter of the pipe (ii) Located as closed to the extreme edge of the right of way as possible but not less than 15m from the centre lines of the nearest carriage way. iii) Shall not be permitted to run along the national highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.	Drawings attached, the Diameter of Underground cable and crossing pipes were lower as per the NHAI Guidelines. Yes Yes Yes	

	iv) These should be so laid that their top is at least 0.6meter below the around level so as not to obstruct drainage of the road land	Yes	
2.2	Cross section showing the size of pit and location of cable for HDD method	As per the guidelines	
2.3	Strip plan/route plan showing Overhead Power Transmission Chainage, width of ROW, distance of proposed cable from the edge of ROW, Important mille stone, Intersections, cross drainage works etc	NA	
2.4	Methodology for laying of Overhead Power Transmission Line	YES	
2.4.1	Open Trenching Method. (May be allowed in utility corridor only. where pavement is neither cement concrete nor dense bituminous concrete type), If yes, Methodology of refilling of trench.	No.	
	(a) The trench width should be at least 30cm, but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	NA	
	(c) The Backfill shall be completed in two stages (i) side-fill to the level of the top of the pipe and (1) overfill to th bottom of the road crust.	NA	
	(d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted. (e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	NA	
	f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours. (g) if required, a diversion shall be constructed at the expense of agency owning the utility line.	NA	
2.4.2	Horizontal Direction Drilling (HDD) method	YES	
2.4.3	Laying of Overhead electrical line through CD works and method of laying	YES	
3	Draft License Agreement signed by two witnesses	YES, enclosed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs. 50/- per running meter (parallel to NH) and Rs. 1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making will be submit good	WILL BE SUBMITTED ACCORDING TO THE APPROVAL.	

	the excavated trench for laying the cables / ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.		
4.1	Performance Bank Guarantee as per above is to be obtained	YES	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	YES.	
5	Affidavit /Undertaking from the applicant for		
5.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	YES.	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Conforming all standard condition of NHAI guidelines	YES, enclosed	
5.4	Conforming all standard condition of NHAI guidelines NHAI at their own cost.	YES, enclosed	
5.5	Shifting due to 6 landing /widening of NH		
5.6	Indemnity against all damages and claims clause (XXIV)	YES, enclosed	
5.7	Traffic movement during laying of Overhead Power Transmission line to be managed by the applicant	YES, enclosed	
5.8	If any claim is raised by the concessionaire then the same has to be paid by applicant	YES, enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation shifting or repairs, alteration to the over head power Transmission line located in the National Highway Right-of- ways	YES, enclosed	
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 overhead power Transmission line will be borne by the agency owing the line	YES, enclosed	
5.11	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 5.11 desired by the NHAI at the cost of the agency owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given	YES, enclosed	
5.12	Certificate from the applicant in the following format	YES	
	(i) Laying of Overhead Power Transmission Line will not have any deleterious effects on any of the bridge components and road way safety for traffic. (ii) For 6 lanning "We do undertake that will relocate service road/ approach road/utilities at my own cost notwithstanding the permission granted within such time as well be stipulated by NHAI for future four/six laning of any other development."	YES	

6	Who will sign the agreement on behalf of Overhead Power Transmission Line agency.	Shri B Jaga Rao Reddy	
7	Certificate From the Project Director		
7.1	Certificate for conforming of all standard condition issued vide Ministry circular no. NH-II/P/66/76, Dt 19.11.1976, Ministry Circular No. NH- 7.1/P/20/77 Dt 8-04-1982, Ministry circular no. RW/NH-III/p/66/76 Dt 11.5.1982 and Ministry circular no. RW/NH-11037/1 /86/DOI, dated 19-01-1995	YES	
7.2	Certificate from the PD in the following Format		
	(i) "It is certified that any other location of the Overhead Power Transmission line would be extremely difficult and unreasonable costly and the installation of Overhead Power Transmission Line within ROW will not adversely affect the design, stability and traffic safety of the Highway nor the likely future improvement such as widening of the carriage way, easing of curve etc."	NA	
	(ii) For 6 laning (a) Where feasibility is available "I do certify that there will be no hinderance to proposed six laning based on the feasibility report considering proposed structures at said location" (b) In case feasibility report is not available "I do certify that sufficient ROW is available at side for accommodating proposed six laning	NA	
8	If NH Section proposed to be taken up by NHAI on 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 concession agreement for upgradation for up-gradation of (.....Section from KM..... to KM..... of NH No. 18 on Build, Operate and Transfer Basis) and therefore, The Licensee honour the same.	YES	
9	Who will supervise the work of laying Overhead Power Transmission Line.	NA	
10	Who will ensure that the defects in road portion after laying of Overhead Power Transmission Line are corrected and if not corrected then what action will be taken	NA	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Shri B Jaga Rao Reddy	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed))	NA	
13	If any previous approval is accorded for laying of Overhead Power Transmission then photocopy of register of records of permissions accorded as maintained by PD may be enclosed.	NA	