



## भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

**National Highways Authority of India**  
(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

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

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

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ronhaiodisha@gmail.com  
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NHAI/13011/16//RO/OD/ 2917 /2018

13.12.2018

To,

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

**Sub:** Permission for Crossing of 33KV XLPE UG Cable of Sreeragam Exports Pvt. Ltd. at Km. 490.550 (Old Chainage on NH-5)/ Km. 359.050 (New Chainage on NH-16) at Champagarh (Bent) in the State of Odisha.-Reg

Sir,

Please find enclosed herewith a proposal seeking NOC for Crossing of 33KV XLPUG Cable of Sreeragam Exports Pvt. Ltd. at Km. 490.550 (Old NH-5)/Km. 359.050 (New NH-16) at Champagarh (Bent) in the State of Odisha.

2. Accordingly, as per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dated 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,

  
General Manager (Tech.)



## भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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NHAI/13011/16/RO/OD/ 2916 /2018

13.12.2018

### INVITATION OF PUBLIC COMMENTS

**Sub: Permission for Crossing of 33KV XLPE UG Cable of Sreeragam Exports Pvt. Ltd. at Km. 490.550 (Old Chainage on NH-5)/ Km. 359.050 (New Chainage on NH-16) at Champagarh (Bent) in the State of Odisha.**

M/s Sreeragam Exports Pvt.Ltd. has submitted a proposal seeking NOC for crossing of 33KV XLPUG Cable at Km. 490.550 (Old Chainage on NH-5)/Km. 359.050 (New Chainage on NH-16) at Champagarh (Bent) in the State of Odisha.

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".



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

**Application for Granting Permission for laying of U/G 33KV Power cable on  
National Highway corridor**

Lr. No. SRE – NHAI/1819001

Dt: 28/09/2018

**Sub :** Request to grant permission for crossing of 33KV XLPUG cable of Sreeragam Exports Pvt. Ltd. at 490.550Km (old) 359.050Km (new) on NH -5 at Champagarh (bent) in the New NH – 16 , State of Odisha

Sri Sreeji S Nair

Director

For Sreeragam Exports Pvt. Ltd.

To

Project Director

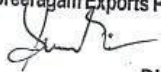
National Highway Authority of India

**Sub :** Submission of documents for granting permission for 33KV U/G Cable.

Name of Project: To avail power to our Factory unit Sreeragam Exports Pvt. Ltd.

- 1) Agreement
- 2) Power of attorney
- 3) Checklist
- 4) Affidavit & Undertaking
- 5) Certificate
- 6) Methodology
- 7) Drawing
- 8) Permission / approval of Electrical Department CESU

For Sreeragam Exports Pvt. Ltd.



Director

Yours Faithfully

## CHECK LIST

### Relevant circulars

- 1) Ministry circular no. NH-III/P/66/76 dated 19.11.1976
- 2) Ministry circular no. RW/NH-III/P/66/76 dated 11.5.1982
- 3) Ministry circular no. RW/NH-11037/1/86/DOI dated 19.1.1995


**Check list for getting approval for laying / Crossing of underground electrical cable on NH land**

S. No.	Items	Information/ status	Remarks
1	General information		
1.1	Name and address of the applicant	Sri Sreeji S Nair M/s. Sreeragam Exports Pvt. Ltd. No.4, Sai Anandam Complex, Patia, Bhubaneswar – 24.	
1.2	National high way number	NH – 5 (Old) NH – 16 (New)	
1.3	State	Odisha	
1.4	Location	Champagarh (Bent)	
1.5	(Chainage in km)	Km.490.550 (Old) Km.359.050 (New)	
1.6	Length in meter	42.6 (Both)	
1.7	Width of available row	60 Mtr	
	(a) left side from center line towards increasing chainage/ km direction	NA	
	(b) right side from center line towards increasing Chainage/ km direction	NA	
1.8	Proposal to lay underground electrical cable	Crossing	
	(a) left side from center line towards increasing Change/ km direction	NA	
	(b) right side from center line towards increasing Chainage/km direction	NA	
1.9	Proposal to acquire land	NA	
	(a) left side from center line	NA	
	(b) right side from center line	NA	
1.10	Whether proposal is in the same side whether land is not to be acquired	NA	
	If not then whether to lay the cable		
1.11	Details of already laid services, if any, along the proposed Route	NA	
1.12	Number of lanes (2/4/ 6/8 lanes) existing	4	
1.13	Proposed number of lanes (2 lane with paved shoulders/4/ 6/8 lanes)	Not proposed	
1.14	Service road existing or not	Not existing	
	If yes then which side	NA	
	(a)left side from center line	NA	
	(b) right side from center line	NA	
1.15	Proposed service road	Not Existing	
	(a) left side from center line	NA	

For Sreeragam Exports Pvt. Ltd.



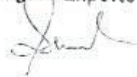
Director

  
परियोजना निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India




	(b) right side from center line	NA	
1.16	Whether proposal to lay cable is after the service road or Between the service road and main carriageway	NA	
1.17	The permission for laying under ground electrical cable shall Be considered for approval / rejection based on the ministry Circulars mentioned as above	Agreed	
1.18	<b>If crossing of the road involved</b> If yes ,it shall be either encased in pipes or through Structure or conduits specially built for the purpose at the expenses of the agency owning the line	Yes & Agreed	
	(a) Existing drainage structures shall not be allowed to carry the lines	Agreed	
	(b) is it on the lines normal to NH	Agreed	
	(c) Crossing shall not be too near the existing structures on the national highway, the minimum distance being 15 meter. what is the distance from the existing structures	Existing box culvert structure at Km.490.420 (Old), which is 0.130 Km. distance from the proposed crossing. Another existing Box culvert structure at Km.491.320 (Old), which is 0.770 Km. distance from the proposed crossing	
	(d) The casing pipe (or conduit pipe in the case of electrical cable) carrying the utility line shall be 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 dose not act as a drainage path.	Agreed	
	(f) the casing / conduct pipe should, as minimum extend from drain to below the surface of the 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	
	(h) crossing shall be by boring methods (HDD) specially where the existing road pavement of cement or dense bituminous concrete type .	Agreed	
	(I) 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.	Agreed	
2	Document / drawing enclosed with the proposal		
2.1	Cross section showing the size of open	Enclosed	

For Sreeragam Exports Pvt. Ltd.





Director

  
परिवहन निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India

	trenching method (is it normal size of 1.2 m deep *0.3m wide ) (i) should not be greater than 60 cm wider than the outer diameter of the pipe (ii) located as close to the extreme edge than the right-of-way as possible but not less than 15 meter from the center – lines of the nearest carriageway (iii) Shall not be permitted to run along the national highway when the road formation is situated in double cutting. Nor shall these be laid over the exiting culverts and bridges. (iv) These should be so laid that their top is at least 0.6 meter below the ground level so as to obstruct drainage of the road land.		
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes	
2.3	Strip plan/ route plan showing underground electrical cable, chainage width of row, distance of proposed, cable from the edge row important mile stone, intersection, cross drainage works etc.	Only crossing	
2.4	Methodology for lying of underground electrical cable.	Enclosed	
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	HDD Method only	
	a) The trench width should be at least 30cm, but not more than 60cm wider than the outer diameter of the pipe.	HDD Method only	
	(b) for filling of the trench, bedding shall be to a depth of not less than 30 cm . 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.	HDD Method only	
	(c) The back fill 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.	HDD Method only	
	(d) The side fill shall consist of granular material laid in 15 cm layer each consolidated by mechanical tampering and controlled addition of moisture to 95% of	HDD Method only	

For Sreeragam Exports Pvt. Ltd.

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	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 a trench.	HDD Method only	
	(f) The excavation shall be protected by flagman, signs and barricades, and red light during night hours.	NA	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Laying underground electrical cable through CD works and method of laying.	Enclosed	
3	Draft License Agreement signed by two witnesses	Enclosed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs. 100/- per running meter (parallel to NH) and Rs1,00,000/- 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 good 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 50 m away from 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 BG as per above is to be obtained.	Will be submitted on receipt of confirmation from NHAI	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	NA	
5	Affidavit /Undertaking from the Applicant for		
5.1	Not to damage to other utility, if damaged than to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Renewal of bank Guarantee	Enclosed	
5.3	Confirming all standard condition of NHAI's guideline	Enclosed	
5.4	Shifting of under ground electrical cable as and when required by NHAI at their own	Enclosed	

For Sreeragam Exports Pvt. Ltd.



Director

  
 परियोजना निदेशक / Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
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	cost		
5.5	Shifting due to 6 lanning/ widening of NH	Enclosed	
5.6	Indemnity against all damages and claim clause (xxiv)	Enclosed	
5.7	Traffic movement during laying of underground electrical cable to be managed by the applicant	Enclosed	
5.8	If any claim is raised be the Concessionaire then the same has to be paid by the applicant	Enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repair or alterations to the underground electrical cable located in national high way right of way.	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 underground electrical cable will be borne by the agency owning the line.	Enclosed	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the toad, 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.	Enclosed	
5.12	Certificate from the applicant in the following format i) Laying of underground electrical cable will not have any deleterious effects on any of the bridge components and roadway safety for traffic. ii) For 6- lanning "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such timre as will be stipulated by NHAI" for future six-lanning or any other development."	Enclosed	
6	Who will sing the agreement on behalf of underground electrical cable agency	Sri Sreeji S Nair, POA holder dt. 28.09.2018	
7	Certificate from the project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry circular No. NH-III/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995.	To be enclosed by PD, NHAI, Bhubaneswar	

For Sreeragam Exports Pvt. Ltd.

Director

परिचालन निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
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7.2	Certificate from PD in the following format i) "It is certified that any other location of the Electric cable would be extremely difficult and unreasonable costly and the installation of Electric cable 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 structures 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	To be enclosed by PD, NHAI, Bhubaneswar	
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 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 therefore, the licensee shall honour the same.'	Inserted	
9.	Who will supervise the work of laying of underground electrical cable	Consultant of NHAI	
10	Who will ensure that the defects in road portion after laying of underground electrical cable are corrected and if not corrected than what action will be taken.	Consultant of NHAI. If any defect arises, the agency owing the crossing of line will make it perfect as per undertaking.	
11	Who will pay the claims for damages done /disruption in working of Concessionaire if asked by the Concessionaire.	The agency owning the crossing of line will pay the claim for damages	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma	Yes	

Exportis Pvt. Ltd.



Director



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National Highways Authority of India  
प.क.उ. मुकेश्वर PIU, Bhubaneswar