



सत्यमेव जयते

# 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  
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NHAI/13011/54/RO/OD/ 3164 /2022

03.10.2022

To

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

Sub: Four laning of Panikoli-Rimuli section of NH-215 from Km.0.000 to Km.163.000 (Design Chainage Km0+000 to Km166+173) in the State of Odisha - NOC proposal for ROW access permission for laying of 1 no. of intake water supply pipeline of steel dia 300 mm & 50 mm dia OFC through casing pipe (MS pipe dia.450 mm) for industrial use from Ardei river to integrated steel plant under proposed 1<sup>st</sup> phase expansion project of existing steel plant unit at Haladiguna in Keonjhar district project requiring crossing at 1 location @Km.139+800 (Bankamaruni) from LHS RHS across the road of NH-215 (New NH-20) by M/s MSP Sponge Iron Limited - reg

Sir,

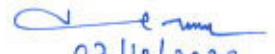
Please find enclosed herewith a proposal of M/s MSP Sponge Iron Limited for laying of 1 no. of intake water supply pipeline of steel dia 300 mm & 50 mm dia OFC through casing pipe (MS pipe dia.450 mm) crossing at 1 location @Km.139+800 (Bankamaruni) from LHS RHS across the road of NH-215 (New NH-20). The details are as under:

Sl. No.	Chainage		Side	Length (m)	Location	Remarks
	From	To				
1.	139+800		Crossing	NA	Bankamaruni	Laying of intake water supply pipeline of steel dia 300 mm & 50 mm dia OFC through casing pipe (MS pipe dia.450 mm)

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, Bhubaneswa.

Yours faithfully,

  
03/10/2022  
(Sunil Kumar)

Dy. General 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)



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क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha  
301 - ए, तीसरी मंजिल, पाल हाईट्स, प्लॉट नं जे/7, जयदेव विहार, भुवनेश्वर - 751013, ओडिशा  
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NHAI/13011/54/RO/OD/ 3163 /2022

03.10.2022

**INVITATION OF PUBLIC COMMENTS**

**Sub:** Four laning of Panikoili-Rimuli section of NH-215 from Km.0.000 to Km.163.000 (Design Chainage Km0+000 to Km166+173) in the State of Odisha - NOC proposal for ROW access permission for laying of 1 no. of intake water supply pipeline of steel dia 300 mm & 50 mm dia OFC through casing pipe (MS pipe dia.450 mm) for industrial use from Ardei river to integrated steel plant under proposed 1<sup>st</sup> phase expansion project of existing steel plant unit at Haladiguna in Keonjhar district project requiring crossing at 1 location @Km.139+800 (Bankamaruni) from LHS- RHS across the road of NH-215 (New NH-20) by M/s MSP Sponge Iron Limited – reg

M/s MSP Sponge Iron Limited has submitted a proposal for permission for laying of 1 no. of intake water supply pipeline of steel dia 300 mm & 50 mm dia OFC through casing pipe (MS pipe dia.450 mm) crossing at 1 location @Km.139+800 (Bankamaruni) from LHS- RHS across the road of NH-215 (New NH-20). The details are as under:

Sl. No.	Chainage		Side	Length (m)	Location	Remarks
	From	To				
1.	139+800		Crossing	NA	Bankamaruni	Laying of intake water supply pipeline of steel dia 300 mm & 50 mm dia OFC through casing pipe (MS pipe dia.450 mm)

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".

03/10/2022  
(Sunil Kumar)

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



## MSP SPONGE IRON LIMITED

Vill - Haldiguna, Po - Gobardhan, Dist - Keonjhar, Odisha - 758013

**Seeking Right of Way (ROW) Permission for Road Crossing at km. 139+800 Bankamaruni Village of Hundula Section of NH-215 (Revised NH 20) in the State of Odisha**

### CHECK -LIST

**Guidelines for Project Directors for processing the proposal for laying of 0.30 M dia Water Pipeline with 01 nos of 50mm OFC ducts across National Highway No-215 (Now NH - 20) at Chainage 139+800 by Horizontal Directional Drilling (HDD) method using casing pipe of 450 mm dia of Mild Steel**

**Relevant Circulars**

- 1) Ministry Circular No. NH-41 (58)/68 dated 31.01.1969
- 2) Ministry Circular No. NH-3/P/66/76 dated 18/19 .11.1976
- 3) Ministry Circular No. KW/NH/-3/P/66/76 dated 11.05.1982
- 4) Ministry Circular No. RW/NH-11037/1/66-DOI (2) dated 28.07.1993
- 5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.01.1995
- 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 17.09.2003
- 8) Ministry Circular No. Rw/NH-33044/29/2015/S&R Jtd 22.11.16

**Check list for approval of Road Crossing of the Water Pipelines below the NH-20 (215) NH**

SL.No.	Item	Information/status	Remarks
1	General Information	MSP Sponge Iron Ltd having its steel unit at Haldiaguna, Keonjhar Is seeking permission for laying 0.30 M water pipeline with 01 nos of 50mm OFC ducts across National Highway No-215 (Now NH - 20) at Chainage 139+800 by Horizontal Directional Drilling (HDD) method using casing pipe of 450 mm dia of MS.	
1.1	Name and Address of the Applicant/Agency	Chief Operating Officer (Works) MSP SPONGE IRON LIMITED VIII - Haldiguna, Po - Gobardhan, Dist - Keonjhar, Odisha - 758013	
1.2	National highway No	NH 215 (New NH-20)	
1.3	State	Odisha	
1.4	Location	Panikoili to Rimuli (at Bankamarni Village of Hundula Section)	
1.5	Chainage in km	Road Crossing Ch 139+800 From LHS to RHS	
1.6	Length in Meters	Across the road 60 Mtr	
1.7	Width of available ROW	60 mtr (in general)	
	(a) Left side from center line towards increasing chainage/km direction	30 mtr	
	(b) Right side from centre line towards increasing chainage /km direction	30 mtr	



1.8	Proposal to lay underground pipes/electrical/FOC cables	Yes, one number of road crossing with Steel Water Pipeline of 300mm dia and OFC of 50 mm conduit dia encased in 450 mm of MS casing pipe.	
	(a) Left side from center line towards increasing chainage/km direction		
	(b) Right side from centre line towards increasing chainage /km direction		
1.9	Proposal to acquire land		
	(a) Left side from center line	NA	
	(b) Right side from centre line		
1.10	Whether proposal is in the same side where land is to be acquired	NA	
	if not then where to lay the cable		
1.11	Details of already laid services, if any along the proposed route	Existing laid services are available in the one number crossing location. However, In this case the same will be done by HDD method as per submitted methodology.	
1.12	Number of lanes (2/4/6/8) existing	Existing 4 lanes	
1.13	Proposed number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from center line towards increasing chainage/Km direction	NA	
	(b) Right side from center line		
1.15	Proposed Service road		
	(a) Left side from center line	NA	
	(b) Right side from center line		
1.16	Whether proposal to lay Water pipelines are after the service road or between the service road and main carriageway	NA	
1.17	The permission for laying of Water pipeline shall be considered for approval/rejection based on the ministry circulars mentioned as above.	Yes, agreed	
	a) Carrying of Water pipeline on Bridges shall not be permitted as fumes/gases pipe can accelerate the process of corrosion or may be cause explosion, thus being much more injurious than leakage of water	Yes, agreed	

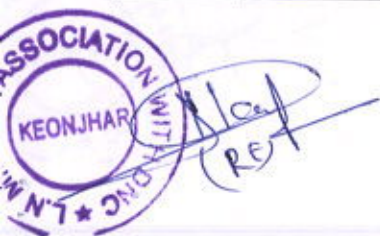




	b) Carrying of water Pipe lines on Bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the Highway Authority well in time before the design of the bridge is finalised, they may be permitted to carry the pipe line on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for the inspection and repairs etc.	Yes, agreed	
	(c) 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	NA	
	(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's Project Chief Engineers only	Yes, agreed to comply	
1.18	If crossings of the road involved - 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 , crossing involved and it shall be encased with MS 450mm dia pipes at our cost at Ch 139+800, as per attached drawings & documents	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Yes, agreed to comply	
	(b) Is it on the line normal to NH	Yes	
	(c) Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 M. What is the distance from the existing structures.	Distance from the nearest existing structures is beyond 30m. Detail statement enclosed.	



	(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.	NA	
	(d) These should be so laid that their top is at least 0.6 m below the ground level so as not to obstruct drainage of the road land		
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes, Submitted as incorporated in the drawing	
2.3	Strip plan/ route plan showing pipeline ,chainage, width of ROW, distance of proposed , pipeline from the edge of ROW ,important milestone , intersections, cross drainage works etc.	Yes, submitted showing all desired details in the drawings	
2.4	Methodology for laying Water pipeline		
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	NA	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of pipe		
	(b) For filling of the trench ,Bedding should be a depth of not less than 30 cm. It shall consists of granular materials ,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.		
	(c) The backfill shall be completed in two stages (i)side-fill to the level of the top of the pipe and (ii) overfill to the bottom of road crust.		





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 pipeline will be done by the agency owning the line	Yes, agreed to comply & submitted undertaking	
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.		
5.12	Certificate from the applicant in the following format (1) Laying of Water pipelines will not have any deleterious effects on any of the bridge components and roadway safety for traffic (2) for 6 lanning "we do undertake that I will relocate service road/approach road/utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six-lanning or any other development"		
6	Who will sign the agreement on behalf of Water pipelines agency	The Chief Operating Officer (Works) will sign the Agreement of behalf of MSP Sponge Iron Limited	
7	Certificate from the project director		



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/lay Water pipeline has also been granted as a right of way to the concessionaire under the concession agreement may likely to be handed over to the concessionaire for up-gradation of.....[section from Km.....of NH No.....on build ,Operate and Transfer Basis ] and therefore , the licensee shall honour the same. "	Not applicable	
9	who will supervise the work of laying Water pipeline	Chief Operating Officer (Works) MSP Sponge Iron Limited Vill - Haldiguna, Po - Gobardhan, Dist - Keonjhar, Odiasha - 758013 India	
10	Who will ensure that the defects in road portion after laying of Water pipeline are corrected and if not corrected then what action will be taken.	Chief Operating Officer (Works) MSP Sponge Iron Limited (Vill - Haldiguna, Po - Gobardhan, Dist - Keonjhar, Odiasha - 758013 ) will ensure rectification of defects and if not corrected, MSP Sponge Iron Ltd to bear the cost of rectification as asked by NHAI	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Chief Operating Officer (Works) MSP Sponge Iron Ltd Ltd, (At Vill - Haldiguna, Po - Gobardhan, Dist - Keonjhar, Odiasha - 758013 ) will pay the claims of 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 (copy enclosed).	Yes, attached	
13	If any previous approval is accorded for laying of underground Water pipeline then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	Yes, enclosed	

