



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. 7, जयदेव विहार
भुवनेश्वर - 751013, ओडिशा

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

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वेबसाइट/Website : http://www.nhai.org

NHAI/13011/16/RO/OD/ 275 /2017

31.01.2018

To

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

Sub: Permission for laying 0.8 m and 0.6 m dia pipes for conveyance of Iron Ore Slurry
Pipelines in the utility corridor (LHS) along NH-215 from Km. 163.000 to Km.215.000 –
reg

Sir,

Please find enclosed herewith a proposal seeking NOC for laying of 2 (two) Iron Ore Slurry
pipeline i.e 0.8 m dia & 0.6 m dia along the National Highway NH-215 (New NH-520) Remuli
(Km.163.000) to Koirā (Km.215.000), in the state of Odisha by M/s JSW Infrastructure Limited,
Paradip, Dist. Jagatsinghpur.

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,

[Signature]
31.01.18

Dy. General Manager (Tech.)



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
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वेबसाइट/Website : http://www.nhai.org

NHAI/13011/16/RO/OD/ 274 /2017

31.01.2018

INVITATION OF PUBLIC COMMENTS

Sub: Permission for laying 0.8 m and 0.6 m dia pipes for conveyance of Iron Ore Slurry Pipelines in the utility corridor (LHS) along NH-215 from Km. 163.000 to Km.215.000 – reg

M/s JSW Infrastructure Limited, Paradip, Dist. Jagatsinghpur has submitted a proposal seeking NOC for laying of Iron Ore Slurry -cum- Return Water line along the National Highway NH-215 (New NH-520) Remuli-Koira from Km.163.000 to Km.215.000, in the state of Odisha by M/s JSW Infrastructure Limited, Paradip, Dist. Jagatsinghpur. Accordingly, as per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dt. 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). The same was put up on MoRTH web site for comments vide letter No. 2420 dt.06.10.2017.

2. Now, M/s. JSW Infrastructure Limited has revised the proposal and now has sought permission for laying of 2 (two) Iron Ore Slurry Pipe line i.e 0.8 m dia & another 0.6 m dia instead of earlier proposal of 0.8 m dia Iron Ore Slurry Pipe line & 0.6 m dia return water pipe line.

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]
31.01.18

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



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, राउरकेला / Project Implementation Unit, Rourkela
सी-45, कोयल नगर, राउरकेला-769 014, सुन्दरगढ़, ओडिशा

C-45, Koel Nagar, Rourkela - 769 014, Sundargarh, Odisha
NHAI/PIU/RKL/Utility/1635/2018

दूरभाष /Tel : +91-661-2471181
ई-मेल /e-mail : piurourkela@nhai.org
nhairourkela@gmail.com

To

Dt: 22nd Jan, 2018

CGM (Tech.) & Regional Officer,
National Highways Authority of India,
Regional Office-Odisha,
Pal Heights, Jayadev Vihar,
Bhubaneswar-751 013

Sub: Four laning of Rimuli-Roxy-Rajamunda Section of NH-215 – Regarding NOC for laying
0.8 m to 0.6 m dia pipes for conveyance of Iron Ore Slurry/Return Water
Pipelines in the utility corridor (LHS) along NH-215 from Km 163.000 to Km
213.000 – Reg.

- Ref :**
1. This office Letter No. 1267, Dt: 02.09.2017
 2. R.O, NHAI Letter No.2424, Dt: 07.10.2017
 3. GM (Projects), M/s JSW Infrastructure Limited, Mumbai Letter No. NIL, Dt: 04.01.2018
 4. GM (Projects), M/s JSW Infrastructure Limited, Mumbai Letter No. NIL, Dt: 09.08.2017

29/1/18
GMCT Sir,

hy
30/1/18
GMCT

With reference to the above mentioned subject, vide reference 1st cited, this office had recommended the proposal for permission for laying of 0.8 M & 0.60 M Dia Iron Ore Slurry line along NH-215 (Rimuli to Koida section) to CGM (T) & RO, NHAI, Regional Office, Bhubaneswar for approval of the Competent Authority. In response to that, vide reference 2nd cited, certain observations were made by GM (T), NHAI, Regional Office, Bhubaneswar. Accordingly, JSW Infrastructure Limited (JSWIL), Mumbai, was requested to furnish their compliances.

2. In this connection, General Manager (Projects), JSW Infrastructure Limited (JSWIL), Mumbai, vide reference 3rd cited, has submitted their Compliances along with Technical Details towards the proposal for permission for laying of 0.8 M & 0.60 M Dia Iron Ore Slurry line along NH-215 (Rimuli to Koida section), which are furnished below:

Sl. No.	Observations Raised	Status of Compliances
1.	The draft agreement furnished with the proposal is not as per Ministry Circular, Dated: 22.11.2016	Complied
2.	Checklist has not been properly filled up. JSW has to submit properly filled up checklist, for instance, exact chainage shall be maintained in the proposal. If proposal does not include certain sections, the same shall be excluded in all checklist apart from other documents.	Complied
3.	New NH No., i.e, NH-520 shall be mentioned in the bracket.	Complied
4.	The details of ROW limit has not been shown properly in all sheets. The same needs to be done.	Complied
5.	Information furnished in checklist against Sl. 5.4, 5.5, 5.10, 5.11 is not appropriate.	Complied

निगमित कार्यालय / Corporate Office : जि 5 एवं 6, द्वारका, नई दिल्ली 110 075 / 110 075 / G-5 & 6, Sector-10, Dwarka, New Delhi-110 075
दूरभाष / Phone : 91-011-25074100 / 25074200, फैक्स / Fax : 25093507 / 25093514, वेबसाइट / Website : http://www.nhai.org

3. The proposal has been examined in the light of guidelines of Ministry of Road Transport & Highways Letter No. RW/NH-33044/29/2015/S&R(R), Dt: 22.11.2016 and subsequent modification in accordance to the provision made in the checklist & guidelines and found to be in order.

4. Further, JSWIL has submitted the required undertakings as per the Ministry's Circular and has submitted that the required fee and charges would be deposited in accordance with NH guidelines after getting approval from the Competent Authority. JSWIL, vide reference 4th cited, has submitted an undertaking that required approvals would be taken for laying of pipelines across rivers/nalas/canals from concerned Irrigation Authorities, Govt. of Odisha.

5. In view of the above, it is recommended that necessary permission may be accorded for laying of Iron Ore Slurry pipelines in the utility corridor of NH-215 from Km 163.000 to Km 213.000 duly excluding the laying of pipelines over/under Bridges/Culverts and also from Km 181.500 to Km 183.500 due to site constraints at Joda RUB location (Km 182.600).

Encl: As above

Yours faithfully,


(P. Madhu) 22/1/18.
Project Director



Regd. Office: JSW Centre
Bandra Kurla Complex
Bandra (East), Mumbai – 400 051
CIN: U45200MH2006PLC161268
Phone : +91 22 4286 1000
Fax : +91 22 4286 3000
Website : www.jsw.in

04th Jan 2018

The Project Director ,
National Highway Authority of India (NHAI)
C-45 , Koel Nagar , Rourkela ,
Sundergarh – 769014 , Odisha

Sub. : ROW of NHAI laying 0.800 M & 0.600 M dia Iron Ore Slurry pipe line along NH-215
(New NH-520) Remoli-Koira- reg

Ref. : Letter NHAI/2017/PIU/RKL/1573dtd 28.12.17 & RO Letter no. 2424 dtd 07.10.2017

Dear Sir,

This is in reference to Permission for laying of 0.80 m dia. & 0.600 M iron ore slurry pipe lines along NH-215 (New NH-520) . Based on your letter as mentioned above , the requirement have been complied and technical details were appraised to team as mentioned below :

Point No.	Observation	Compliance
1.	The draft agreement furnished with the proposal is not as per Ministry Circular date 22.11.2016.	Complied
2.	Checklist has not been properly filled up. JSW has to submit properly filled up checklist, for instance exact chainage shall be maintained in the proposal. If proposal does not include certain sections, the same shall be excluded in all checklist apart from other documents.	Complied
3.	New NH no. i.e. NH 520 shall be mentioned in the bracket	Complied
4.	The details of ROW limit has not been shown properly in all sheets. The same needs to be done.	Complied
5.	Information furnished in checklist against Sl. 5.4,5.5,5.10,5.11 is not appropriate.	Complied.

Since the point raised by your office are complied therefore it is requested to send recommendation please.

Thanking You

M/S JSW Infrastructure Limited

JSW INFRASTRUCTURE LTD.
(S.N.Singh)
General Manager (Projects)
Director/Authorized Signatory
ENCL : Checklist & Agreement

 JINDAL Part of O.P. Jindal Group

Received Date: 4/01/18
Drawing No. 1414
Signature: [Signature]
P.O., Rourkela, Odisha
National Highways Authority of India

JSW Infrastructure Limited

4th Floor , Paradip Bhawan , Paradip , J'Singhpur , Odisha

RoW from Remoli (163.000 Km) to Koira (215.00 Km) on NH-215 (Revised NH-520)

CHECK -LIST

Guidelines for Project Directors for processing the proposal for laying of 0.8 M dia & 0.6 M Iron Ore Slurry Pipeline along NH-215 (Revised Name NH-520)

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. RW/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* dtd 22.11.16

Check list for approval for crossing of Iron Ore Slurry Pipelines on NH Land

SL.No.	Item	Information/status	Remarks
1	General Information	JSWIL have proposed to carry 30 MTPA Iron Ore from Mining Area to Paradip in slurry form thus seeking Permission for laying 0.8 M dia & 0.60 M iron ore slurry pipeline across National Highway No-215 (Revised Name NH-520) from Remoli (+163.000 Km) to Koira (+215.00Km) by Open Trench method in general and Horizontal Directional Drilling (HDD) Method at specific location like River , Bridge , Canal , Road , Railwayetc & places where locational constraint exist.	-
1.1	Name and Address of the Appicant/Agency	M/s JSW Infrastructure Limited ,4th Floor, Paradip Bhawan, Paradip, 754142- Odisha	-
1.2	National highway No-	NH-215 (Revised NH-520)	-
1.3	State	Odisha	-
1.4	Location	Remoli (+163.00 Km) to Koira (+215.00 Km)	-
1.5	Chainage in km	Ch+163.000 Km to +215.00 km	-
1.6	Length in Meters	52000 m	-
1.7	Width of available ROW	In General More than 10M , however RoW sheets are attached herewith.	ROW Attached
	(a)Left side from center line towards increasing chainage/km direction	Left Side from Chainage +163.000 Km to +215.00 Km	-

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	(b) Right side from centre line towards increasing chainage /km direction	Nil	-
1.8	Proposal to lay underground electrical cables	No Electrical cable laying involved	-
	(a) Left side from center line towards increasing chainage/km direction	N/A	-
	(b) Right side from centre line towards increasing chainage /km direction	N/A	-
1.9	Proposal to acquire land	Right to use of NH ROW as per P&MP Act is available for Laying the Iron ore slurry (Industrial Corridor) pipe line across the NH ROW.	-
	(a) Left side from center line	Right Side	-
	(b) Right side from centre line	Right Side	-
1.10	Whether proposal is in the same side where land is not to be acquired	Right to use of NH ROW as per P&MP Act is required for Laying the Iron ore slurry pipelines across the NH ROW	-
	if not then where to lay the cable	N/A	-
1.11	Details of already laid services, if any ,along the proposed route	NHAI to intimate	-
1.12	Number of lanes (2/4/6/8) existing	Existing 2 lanes , upgradation to 4 lanes are underway	-
1.13	Proposed number of lanes (2 lane with paved shoulders/4/6/8 lanes)	AS per NHAI	-
1.14	Service road existing or not	No	-
	If yes then which side		-
	(a) Left side from center line towards increasing chainage/Km direction		
	(b) Right side from center line		
1.15	Proposed Service road	NHAI to intimate	
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay Iron Ore Slurry pipelines are after the service road or between the service road and main carriageway	Proposal is to lay two rows of Iron ore Slurry pipeline across the NH ROW	
1.17	The permission for laying of Iron Ore Slurry pipeline shall be considered for approval/rejection based on the ministry circulars mentioned as above.		

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1.17.1	(a) Carrying of Iron Ore Slurry pipeline on bridges shall also be discouraged. However if the authorities seem to have no other viable alternative and approach the highway authority well in the time before the design of the bridge is finalised, they may be permitted to carry the pipeline 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 inspection and repairs etc.	Yes, Iron Ore Slurry pipelines to be considered	
1.17.2	(b) Cost of required extension of the substructure as well as that of the supporting superstructure shall be done by the agency-in-charge of the utilities		
	(c) 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		
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, Latest technology of Horizontal Directional Drilling technique shall be adopted for crossing the National Highway, Roads, River, Canal & specific critical locations wherein a minimum depth of 3 M from the road level shall be maintained. In this method the pipeline is not encased. Brief Description of HDD Methodology and its advantages over casing method are enclosed.	
	(a) Existing drainage structures shall not be allowed to carry the lines.	AS above	
	(b) Is it on the line normal to NH	Yes	

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	(c) Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 5 M. What is the distance from the existing structures.	All the crossing shall be done with HDD methods with approval of concerned owner of the facility with adequate safety.	
	(d) The casing pipe (or conduit pipe in 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.	N/A	
	(e) Ends of the casing /conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	N/A	
	(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.	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 0.3 M below the drain inverts.	Yes	
	(h) Crossing shall be boring method (HDD) specially where the existing road pavement is of cement concrete or dense bitumenious concrete type.	HDD technique shall be adopted	
	(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 water way along it.	HDD technique shall be adopted	
2	Document/drawings enclosed with a proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.5 m deep x 1.5 m wide)	yes	
	(a) Should not be greater than 80 Cm wider than the outer diameter of the pipe		

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	(b) 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		
	(c) Shall not be permitted to run along the National Highways when the road formation is suited in double cutting .Nor shall these be laid over the existing culverts and bridges.	Not applicable	
	(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	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	
2.4	Methodology for laying Iron Ore Slurry pipeline	Open Trench method in general , however Horizontal Directional Drilling method for laying Iron Ore slurry pipelines across NH (methodology attached) for Road , Railway , River , Canal (With due permission of concerned agency) , specific critical location will be done.	
2:04:01	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		
	(a) The trench width should be atleast 90 cm , but not more than 150 cm wider than the outer diameter of pipe		

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	(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 cobblesand graded too		
	(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.		
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 90% 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.	Agreed	
	(e) The road crust shall be build to the same strength as the existing crust on either side on the trench .		
	(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 the agency owning the utility line		
2:04:02	Horizontal Directional Drilling (HDD) Method	Methodology attached	
2:04:03	Laying of Iron Ore Slurry pipeline through CD works and method of laying	HDD technique shall be adopted	
	(a) On approaches , the water mains/cables shall be carried along a line as close to the edge of the right-of-way as possible up to a distance of 05 m from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter No. H1/P/66/76 dated 19.11.1976.		
3	Draft License Agreement signed by two witnesses	Agreed	

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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 good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to excavation of trenching at least 50 m 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.	To be submitted as and when intimated by NHAI	
4.1	Performance BG as per above is to be obtained	Shall be submitted as above	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes	
5	Affidavit/Undertaking from the applicant for	Yes	
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	Confirming all standard condition of NHAI's guideline	Yes	
5.4	Shifting of Iron Ore Slurry pipeline as and when required by NHAI at our own cost	Agreed.	
5.5	Shifting due to 6 lanning/widening of NH	Agreed.	
5.6	Indemnity against all damages and claims clause (24)	Yes	
5.7	Traffic movement during laying of Iron ore slurry pipeline to be managed by the applicant	Yes	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant	Yes	

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5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing Iron Ore Slurry pipeline located in the National Highway right-of-way	Yes	
5.1	Expenditure if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying ,maintenance or shifting of the Iron ore slurry pipeline will be done by the agency owning the line	Agreed.	
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 resonable time (not exceeding 60 days) of the intimation given.	Agreed.	
5.12	Certificate from the applicant in the following format (1) laying of Iron ore slurry 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"	Enclosed	
6	Who will sign the agreement on behalf of Iron Ore Slurry pipelines agency	General Manager Projects for Iron Ore Slurry pipelines agency M/s JSW INFRASTRUCTURE Limited, Authorization letter enclosed	
7	Certificate from the project director	Attached	

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7.1	<p>Certificate for confirming of all standard condition issued vide Ministry Circular No. NH-41(58)/(68) dated 31.1.1969, Ministry Circular No. NH-3/P/66/76 dated 18/19.11.1976 , Ministry Circular No. RW/NH-3/P/66/76 dated 11.5.1982 , Ministry Circular No. RW/NH-11037/1/86-DOI (2) 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</p>		
7.2	<p>Certificate from PD in the following format (1) "It is certified that any other location of the Iron Ore Slurry pipelines would be extremely difficult and unreasonable costly and the installation of Iron Ore Slurry pipelines within ROW will not adversely affect improvement such as widening of the carriageway ,easing of curve etc. " (2) for six-lanning (a) where feasibility is available " I do certify that there will be no hindrance to proposed six lanning 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 accomodating proposed six-lanning.</p>		

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 Director/Authorised Signatory

	<p>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 permission to lay Iron Ore Slurry pipeline may likely to</p> <p>8 be handed over to the concessionaire under the concession agreement for up-gradation of.....[section from Km.....of NH No.....on build ,Operate and Transfer Basis] and therefore , the licensee shall honour the same. "</p>	Yes, inserted in the agreement	
9	who will supervise the work of laying Iron Ore Slurry pipeline	JSWIL	
10	Who will ensure that the defects in road portion after laying of Iron Ore Slurry pipeline are corrected and if not corrected then what action will be taken.	JSWIL	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	JSW Infrastructure Limited	
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	
13	If any previous approval is accorded for laying of underground Iron Ore Slurry pipeline then photocopy of register of records of permissions accorded as maintained by PD then attach.	No	

JSW INFRASTRUCTURE LTD.

 Director/Authorised Signatory