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 हाईटस, प्लाट् नं जे/7, जयदेव विहार
भुवनेश्वर - 751013, ओडिशा
301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar
Bhubaneswar- 751013, Odisha

दूरभाष/Tel. : +91-674-2361570/670
फैक्स/Fax : +91-674-2361770
ई-मेल /e-mail : roodisha@nhai.org
ronhaiodisha@gmail.com
वेबसाईट/Website : http://www.nhai.org

NHAI/13011/54/RO/OD/ 197 /2022 20.01.2022

To

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

Sub: **Permission for laying and crossing of water pipeline at chainage 46.600 to 60.400 of NH-16 on LHS & RHS (from Cuttack to Chandikhole) for Mega piped water supply project in Jajpur District - reg**

Ref: **1. PD, PIU- Bhubaneswar letter No.1507 dated 03.12.2021**
2. Supervision Consultant (MSV) letter No.454 dated 13.01.2021
3. Superintending Engineer, RWSS Division, Jajpur letter No. 2085 dated 25.10.2021

Sir,

Please find enclosed herewith a proposal of Superintending Engineer, RWSS Division, Jajpur for laying and crossing of water pipeline at chainage 46.600 to 60.400 of NH-16 on LHS & RHS (from Cuttack to Chandikhole) for Mega piped water supply project in Jajpur District.

2. The details ofcrossing along NH-16 from ch 46+600 km to 60+400 km is as under:

Sl No	NH Pipe Crossing Details	Clear Dia of Pipe	Casing Pipe	Length of plpe llne(m)
	(Chainage)	MS	MS	
1	47+200	200mm	400mm	54
2	48+915	150mm	350mm	120
3	51+680,	150mm	350mm	64
4	56+630	100mm	300mm	56
5	57+550	500mm	700mm	54
6	59+200	200mm	400mm	56

2.1. Details ofpipeline LHS row along NH-16 from ch 46+600 km to 60+400 km (distribution network) is as under:

Sl No	Dia of pipe	ROW	Clear Dia of Pipe	Casing Pipe
	(DI)	From (CH)	To (CH)	MS
1	100mm	46+600	47+040	Nill
2	200mm	47+040	47+350	Nill
3	100mm	47+350	49+070	Nill
4	100mm	50+700	51+400	Nill
5	150mm	51+400	51+700	Nill
6	100mm	51+700	52+100	Nill

7	100mm	56+600	57+600	Nill
8	100mm	58+200	60+400	Nill

2.2. Statement for pipeline LHS ROW along NH-16 from ch 46+600 km to 60+400 km (Clear water rising main) is as under:

Sl No	Dia of pipe	ROW	Clear Dia of Pipe	Casing Pipe
	(DI)	From (CH)	To (CH)	MS
1	250mm	48+000	51+400	Nill
2	300mm	51+400	56+800	Nill
3	500mm	56+800	57+400	Nill

2.3. Statement for pipeline RHS ROW along NH-16 from Ch 46+600 KM TO 60+400 KM (Distribution network):

Sl No	Dia of pipe	ROW	Clear Dia of Pipe	Casing Pipe
	(DI)	From (CH)	To (CH)	MS
1	100mm	47+000	47+350	Nill
2	150mm	47+350	48+000	Nill
3	100mm	48+000	49+100	Nill
4	100mm	51+700	52+100	Nill
5	100mm	56+600	57+600	Nill
6	100mm	58+200	60+400	Nill

3. 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 the **"Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswa.**

Yours faithfully,

20/01/22

(Sanjay Channa)
DGM (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
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दूरभाष/Tel. : +91-674-2361570/670
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ई-मेल /e-mail : roodisha@nhai.org
ronhaiodisha@gmail.com
वेबसाईट/Website : http://www.nhai.org

NHAI/13011/54/RO/OD/ 196 /2022

20.01.2022

INVITATION OF PUBLIC COMMENTS

Sub: Permission for laying and crossing of water pipeline at chainage 46.600 to 60.400 of NH-16 on LHS & RHS (from Cuttack to Chandikhole) for Mega piped water supply project in Jajpur District - reg

Superintending Engineer, RWSS Division, Jajpur has submitted a proposal for issuance of NOC for laying and crossing of water pipeline at chainage 46.600 to 60.400 of NH-16 on LHS & RHS (from Cuttack to Chandikhole) for Mega piped water supply project in Jajpur District.

2. The details ofcrossing along NH-16 from ch 46+600 km to 60+400 km is as under:

Sl No	NH Pipe Crossing Details	Clear Dia of Pipe	Casing Pipe	Length of pipe line(m)
	(Chainage)	MS	MS	
1	47+200	200mm	400mm	54
2	48+915	150mm	350mm	120
3	51+680,	150mm	350mm	64
4	56+630	100mm	300mm	56
5	57+550	600mm	700mm	54
6	59+200	200mm	400mm	56

2.1. Details ofpipeline LHS row along NH-16 from ch 46+600 km to 60+400 km (distribution network) is as under:

Sl No	Dia of pipe	ROW	Clear Dia of Pipe	Casing Pipe
	(DI)	From (CH)	To (CH)	MS
1	100mm	46+600	47+040	Nill
2	200mm	47+040	47+350	Nill
3	100mm	47+350	49+070	Nill
4	100mm	50+700	51+400	Nill
5	150mm	51+400	51+700	Nill
6	100mm	51+700	52+100	Nill
7	100mm	56+600	57+600	Nill
8	100mm	58+200	60+400	Nill

2.2. Statement for pipeline LHS ROW along NH-16 from ch 46+600 km to 60+400 km (Clear water rising main) is as under:

Sl No	Dia of pipe	ROW	Clear Dia of Pipe	Casing Pipe
	(DI)	From (CH)	To (CH)	MS
1	250mm	48+000	51+400	Nill
2	300mm	51+400	56+800	Nill
3	500mm	56+800	57+400	Nill

2.3. Statement for pipeline RHS ROW along NH-16 from Ch 46+600 KM TO 60+400 KM (Distribution network):

Sl No	Dia of pipe	ROW	Clear Dia of Pipe	Casing Pipe
	(DI)	From (CH)	To (CH)	MS
1	100mm	47+000	47+350	Nill
2	150mm	47+350	48+000	Nill
3	100mm	48+000	49+100	Nill
4	100mm	51+700	52+100	Nill
5	100mm	56+600	57+600	Nill
6	100mm	58+200	60+400	Nill

3. 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.

4. 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 the **"Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".**

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

LIST

Guidelines for Project Directors for processing the proposal for laying of water supply pipe line in the land along National Highways vested with NHAI.

Relevant circulars

1) Ministry Circular No. NH-41 (58)/68 dated 31.01.1969
2) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976
3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.05.1982
4) Ministry Circular No. RW/NH-11037/86-DOI(ii) 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

Checklist for getting approval for laying of water supply pipe line on NH land No 16

Sl.No	Item	Information/ Status	Remarks
1.	General Information	Permission for laying of water pipeline at Chainage **46+600 to 60+400** **LHS**-100mm, 150mm, 200mm 100mm,250mm,300mm,500mm **RHS**-100mm, 150mm, crossing **Crossing of water pipe line of** 200mm dia at 47+200 150mm dia at 48+915 150mm dia at 51+680 100mm dia at 56+630 500mm dia at 57+550 200mm dia at 59+200 on NH-16 In Jajpur District.	
1.1	Name and Address of the Applicant/Agency	Executive Engineer Rural Water Supply & Sanitation Division, Jajpur At.- Chandikhol	
1.2	National Highway Number	NH-16	

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25/10/21

Superintending Engineer.
RWS&S Division, Jajpur
AT - Chandikhole

1.3	State	Odisha	
1.4	Location	Jajpur (Near Badchana Police station to Chatia Village)	
1.5	(Chainage in km)	**KM 46+600 to KM 60+400** **LHS laying of Distribution network pipe lines.** 100mmdia from 46+600 to 47+040 200mm dia from 47+040 to 47+350 100mm dia from 47+350 to 49+070	
	(Chainage in km)	**RHS laying of Distribution network pipe lines.** 100mm dia from 50+700 to 51+400 150 mm dia form 51+400 to 51+700 100mm dia from 51+700 to 52+100 100mm dia from 56+600 to 57+600 100 mm dia from 58+200 to 60+400	

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Superintending Engineer,
RWS&S Division, Jajpur
AT - Chandikhole

		LHS laying of clear water rising main. 250mm dia from 48+000 to 51+400 300mm dia from 51+400 to 56+800 500mm dia from 56+800 to 57+400 **RHS laying of clear water rising main.** 100mm dia from 47+000 to 47+350 150mm dia from 47+350 to 48+000 100mm dia from 48+000 to 49+100 100mm dia from 51+700 to 52+100 100mm dia from 56+600 to 57+600 100mm dia from 58+200 to 60+400 **Crossing of water pipe line of** 200mm dia at 47+200, 150mm dia at 48+915, 150mm dia at 51+680, 100mm dia at 56+630, 500mm dia at 57+550, 200mm dia at 59+200	
1.6	Length in Meters	13800m	
1.7	Width of available ROW		

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RWS&S Division, Jajpur
AT - Chandikhole

	a) Left side from center line towards increasing chain age/ km direction.	1.KM 46+600 to 46+700 -32m 2. KM 46+700 to 46+800 -30m 3. KM 46+800 to 47+000 -32m 4. KM 47+000 to 47+200 -36m 5. KM 47+200 to 47+300 -40m 6. KM 47+300 to 47+400 -34m 7. KM 47+400 to 47+500 -40m 8. KM 47+500 to 48+500 -36m 9. KM 48+500 to 48+600 -40m 10. KM 48+600 to 48+700 -38m 11. KM 48+700 to 48+900 -28m 12. KM 48+900 to 49+000 -24m 13. KM 49+000 to 49+200 -26m 14. KM 49+200 to 50+700 -34m 15. KM 50+700 to 50+900 -36m 16. KM 50+900 to 51+300 -34m 17. KM 51+300 to 51+500 -26m 18. KM 51+500 to 51+900 -34m 19. KM 51+900 to 52+100 -38m 20. KM 52+100 to 53+100 -34m 21. KM 53+100 to 54+000 -36m 22. KM 54+000 to 54+500 -34m 23. KM 54+500 to 54+600 -41m 24. KM 54+600 to 54+700 -44m 25. KM 54+700 to 54+800 -40m 26. KM 54+800 to 55+900 -34m 27. KM 55+900 to 56+000 -38m 28. KM 56+000 to 57+100 -36m 29. KM 57+100 to 57+800 -34m 30. KM 57+800 to 57+900 -36m 31. KM 57+900 to 58+000 -38m 32. KM 58+000 to 58+100 -40m 33. KM 58+100 to 58+200 -38m 34. KM 58+200 to 59+000 -36m 35. KM 59+000 to 61+900 -34m	

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Superintending Engineer.
RWS&S Division, Jajpur
AT - Chandikhole

	b) Right side from center line towards increasing chain age/km. direction.	1.KM 46+600 to 46+700 -28m 2. KM 46+700 to 47+000 -24m 3. KM 47+000 to 47+200 -28m 4. KM 47+200 to 47+300 -32m 5. KM 47+300 to 48+500 -24m 6. KM 48+500 to 48+600 -20m 7. KM 48+600 to 48+700 -22m 8. KM 48+700 to 48+800 -36m 9. KM 48+800 to 48+900 -76m 10.KM 48+900 to 49+000 -100m 11. KM 49+000 to 49+100 -84m 12. KM 49+100 to 49+200 -52m 13. KM 49+200 to 49+300 -34m 14. KM 49+300 to 50+400 -24m 15. KM 50+400 to 50+600 -22m 16. KM 50+600 to 51+300 -24m 17. KM 51+300 to 51+500 -40m 18. KM 51+500 to 51+700 -34m 19. KM 51+700 to 51+900 -36m 20. KM 51+900 to 52+100 -30m 21. KM 52+100 to 52+300 -36m 22. KM 52+300 to 53+100 -24m 23. KM 53+100 to 54+000 -22m 24. KM 54+000 to 54+500 -24m 25. KM 54+500 to 54+700 -22m 26. KM 54+700 to 55+900 -24m 27. KM 55+900 to 56+000 -20m 28. KM 56+000 to 56+500 -22m 29. KM 56+500 to 57+800 -24m 30. KM 57+800 to 57+900 -22m 31. KM 57+900 to 58+000 -34m 32. KM 58+000 to 58+100 -56m 33. KM 58+100 to 58+200 -34m 34. KM 58+200 to 59+100 -24m 35. KM 59+100 to 59+200 -26m 36. KM 59+200 to 59+500 -28m 37. KM 59+500 to 59+600 -26m 38. KM 59+600 to 60+000 -24m 39. KM 60+000 to 61+900 -22m	

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Superintending Engineer.
RWS&S Division, Jajpur
AT - Chandikhole

1.8	Proposal to lay underground Water Pipeline		
	(a) Left side from center line towards increasing chain age/km. direction.	1)46+600 to 60+400	
	(b) Right side from center line towards increasing chain age/km direction.	1)46+600 to 60+400	
1.9	Proposal to acquire land	Not applicable	
	a) Left side from center line	Nil	
	b) Right side from center line	Nil	

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RWS&S Division, Jajpur
AT - Chandikhole

1.10	Whether proposal is in the same side where land is not to be acquired.	Both from center line	
	If not then where to lay the Water pipeline	Utility corridor of NH	
1.11	Details of already laid services, if any, along the proposed route.		
1.12	Number of lanes (2/4 6/8 lanes) existing	6	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	Not applicable	
1.14	Service road existing or not	No	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service road	No	
	(a) left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay water supply pipe line is after the service road or between the service road and main carriageway.	After Service road	
1.17	The permission for laying of water supply pipe line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.	Agreed	
	a) Carrying of sewerage/gas pipelines on highway bridges shall not be permitted as Furmes / gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.	NA	
	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 finalized, 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 that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs etc.	**NA**	
	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.	**NA**	
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 that purpose at the expenses of the agency	Pipe line shall be crossed trenches less (Jack pushing and HOD) method (conduit encasing) Detailed drawing enclosed.	

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Superintending Engineer,
RWS&S Division, Jajpur
AT - Chendikhole

	owning the line.		
	a) Existing drainage structures shall not be allowed to carry the lines.	Agreed	
	b) Is it on a line normal to NH	Yes	
	c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters. What is the distance from the existing structures?	Agreed and detailed drawing enclosed	
	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 withdrawal of the carrier pipe/ cable.		
	e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes Agreed	
	f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes 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 0.3m below the drain inverts.	Yes Agreed	
	h) Crossing shall be by boring methods (HOD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Jack pushing/HOD method attached details in attached sketch.	
	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 a waterway along it.	Yes Agreed	
2.	Document/Drawings enclosed with the proposal.	Attached	
2.1	Cross section showing the size of trenches for open trenching method (is it normal size of 1.2m deep x 0.3m wide)	Details shown in the drawing attached	
	i) Should not be greater than 60cm wider than the outer diameter of the pipe.	Yes Agreed	
	II) 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.	Everywhere 01 meter inside from ROW.	
	III) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Now shall these be laid over the existing culverts and bridges.	Yes Agreed	
	iv) These should be so laid that their top is at least 0.6meter below the ground level so as not to obstruct.	Yes Agreed	
2.2	Cross section showing the size of pit and location of cable for HOD method.	Attached Annexure	
2.3	Strip plan/Route plan showing Water supply pipe line, chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross	Attached Annexure	

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Superintending Engineer
RWS&S Division, Jajpur
AT - Chandikhole

	drainage works etc.		
2.4	Methodology for laying of showing water supply pipe line.	Attached Annexure	
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 or refilling of trench.		
	(a) The trench width should be at least 30cm, but not more than 60cm wider than the outer diameter of the pipe.	Yes Agreed	
	(b)For filling of the trench, Bedding shall be 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.	Yes Agreed	
	(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 the road crust.	Yes Agreed	
	(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.	Yes Agreed	
	(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.	Yes Agreed	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes Agreed	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes Agreed	
2.4.2	Horizontal Directional Drilling (HOD) Method	Enclosed	
2.4.3	Laying of water supply pipe line through CD works and method of laying.		
	(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 30m from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter No. NH-HI/P/66/76 dated 19.11.1976	Agreed	
3.	Draft License Agreement signed by two witnesses	Yes Agreed and enclosed	
4.	Performance Bank Guarantee in favour of NHAI has to obtained @ Rs.50/- per running meter (parallel to NH) and Rs.1,00,000/- per crossing of NH, for a period of one year	Yes Agreed. BG will be submitted as intimated by NHAI	

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Superintending Engineer
RWS&S Division, Jajpur
AT - Chandikhole

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	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 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 BG as per above is to be obtained	BG will be submitted as intimated by NHAI	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Yes Agreed	
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 and Undertake Enclosed	
5.2	Renewal of Bank Guarantee	Shall be submitted	
5.3	Confirming all standard condition of NHAI's guideline.	Yes and Undertake Enclosed	
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost.	Yes and Undertake Enclosed	
5.5	Shifting due to 6 lanning / widening of NH	Yes and Undertake Enclosed	
5.6	Indemnity against all damage and claims clause **(xxiv)**	Yes and Undertake Enclosed	
5.7	Traffic movement during laying of water supply pipe line to be managed by the applicant.	Yes and Undertake Enclosed	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes and Undertake Enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, of alternations to the showing Water supply pipe line located in the National highway right of ways.	Yes and Undertake 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 water supply pipe line will be borne by the agency owning the line.	Yes and Undertake 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 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.	Yes and Undertake Enclosed	
5.12	Certificate from the applicant in the following format. (i)Laying of water supply pipe line will not have any deleterious effects on any of the bridge	Certificate and Undertake Enclosed	

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Superintending Engineer,
RWS&S Division, Jajpur
AT - Chandikhole

	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 time as will be stipulated by NHAI" for future six lanning of any other development".		
6.	Who will sign the agreement on behalf of water supply pipe line agency.	Executive Engineer, Rural Water Supply and Sanitation Department, Jajpur Division, Chandikhol.	
7.	**Certificate from the project Director**		
7.1	Certificate for confirming of all standard condition issued vide Ministry circular No. Ministry Circular **No. NH-41** (58)/68 dated 31.01.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993, Ministry Circular No. **RW/NH-**11037/1/86/DOI dated 19.01.1995, 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 17.09.2003. Ministry Circular No. RW/NH-111/P/66/76 dated 11.05.1982.		
7.2	Certificate from PD in the following format. "It is certified that any other location of the Water supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line 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."		
	i) 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 structure 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 -laninq.		
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 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	
9.	Who will supervise the work of laying of water supply pipe line.	Applicant/NHAI	
10.	Who will ensure that the defects in road portion after laying of water supply pipe line are corrected and if not corrected then what action will be taken.	Applicant	

INTERNATIONAL INC. CUTTACK HBI

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Superintending Engineer,
RWS&S Division, Jajpur
AT - Chandikhole

11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire	Applicant
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) _____	Enclosed
13.	If any previous approval is accorded for laying of underground water supply pipe line then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	NA

25/10/21

Superintending Engineer.
RWS&S Division, Jajpur
AT - Chandikhole

परियोजना निदेशक
PROJECT DIRECTOR
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
भु.रा.रा. भुवनेश्वर / PIU Bhubaneswar