



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 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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ronhaodisha@gmail.com

वेबसाइट/Website : http://www.nhai.org



NHAI/13011/54/RO/OD/1156 /2021
To

19.04.2021

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

Sub: Terminated project of 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 to be executed as BOT (Toll) on DBFOT pattern under NHDP Phase-III- NOC proposal for ROW access permission for laying of drinking water supply pipelines of DI Pipes of maximum dia 600mm under Mega Rural Piped water supply project consisting of 33 GP.s under Ghasipura & Anandapur Blocks of Keonjhar District from Ch.Km.22+920 at Jarda to Ch.Km.62+870 at Darakhola (RHS) with total as 39.950 Km (Including 14 nos. Crossing) within the Utility Corridor along / across the road of NH-215 in Keonjhar District of Odisha State as sought by the Executive Engineer, RWS&S Division, Anandapur, Govt of Odisha- reg

Sir,

Please find enclosed herewith a proposal of Executive Engineer, RWS&S Division, Anandapur, regarding permission for laying of drinking water supply pipelines of DI Pipes of maximum dia 600mm under Mega Rural Piped water supply project consisting of 33 GP.s under Ghasipura & Anandapur Blocks of Keonjhar District from Ch.Km.22+920 at Jarda to Ch.Km.62+870 at Darakhola (RHS) with total as 39.950 Km (Including 14 nos. Crossing) within the Utility Corridor along / across the road of NH-215. The details are as under:

Sl No.	Description	Chainage		Dia of DI Pipe (in mm)	Width of concern ed utility	RHS/LHS
		From	To			
1	Along the NH	22+920	23+950	100	400	RHS
2		23+950	25+200	100	400	
3		25+200	25+250	350	750	
4		25+250	25+400	400	800	
5		25+400	25+500	400	800	
6		25+500	25+890	400	800	
7		25+890	26+160	450	850	
8		26+160	26+700	400	800	
9		26+700	27+780	400	800	
10		27+780	28+100	400	800	
11		28+100	28+400	400	800	
12		28+400	28+870	450	850	
13		28+870	29+380	450	850	
14		29+380	29+837	450	850	
15		29+837	30+592	500	900	
16		30+592	30+800	400	700	
17		30+800	31+100	500	900	
18		31+100	31+320	500	900	
19		31+320	31+350	550	950	
20		31+350	31+400	500	900	
21		31+400	32+000	500	900	

22		32+000	32+320	500	900	
23		32+320	33+520	500	900	
24		33+520	34+000	400	700	
25		34+000	34+100	400	700	
26		34+100	34+480	500	900	
27		34+480	34+860	400	700	
28		34+860	35+600	400	700	
29		35+600	36+146	400	700	
30		36+146	37+060	500	900	
31		37+060	37+400	700	1100	
32		37+400	37+450	700	1100	
33		37+450	37+800	600	1000	
34		37+800	38+400	600	1000	
35		38+400	38+900	500	800	
36		38+900	39+300	500	800	
37		39+300	39+800	500	800	
38		39+800	40+150	500	800	
39		40+150	40+750	500	800	
40		40+750	41+400	600	1000	
41		41+400	42+170	600	1000	
42		42+170	42+300	700	1100	
43		42+300	44+100	700	1100	
44		44+100	44+400	700	1100	
45		44+400	44+455	700	1100	
46		44+455	45+445	1300	1800	
47		45+445	45+556	1350	1850	
48		45+556	45+700	1300	1800	
49		45+700	46+900	1300	1800	
50		46+900	47+405	1300	1800	
51		47+405	49+200	450	850	
52		49+200	50+000	250	650	
53		50+000	52+400	250	650	
54		52+400	53+100	250	650	
55		53+100	54+700	250	650	
56		54+700	55+300	250	650	
57		55+300	55+400	250	650	
58		55+400	57+400	250	650	
59		57+400	58+065	250	650	
60		58+065	58+700	300	700	
61		58+700	58+780	300	700	
62		58+780	58+847	350	750	
63		58+847	58+910	300	700	
64		58+910	59+100	100	400	
65		59+100	60+400	100	400	
66		60+400	62+870	100	400	

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The details of crossings are as under:

Sl No.	Location	Chainage	Diameter of DI/HDPE in mm	Dia of Casing pipe in m Standard Size (d*1.5)	Remark
1	Ramachandrapur	25+230	250	400	HDD
2	Suanpada	25+890	200	300	HDD
3	Khalana	28+870	100+150	400	HDD
4	Sainkula	29+837	200+150	600	HDD
5	Machhalo	31+292	400+400+150	1500	HDD
6	Hasanpur	33+220	150	250	HDD
7	Siapada	34+220	150	150	HDD
8	Barigon	37+060	150+200	600	HDD
9	Kainpura	42+170	300+100	600	HDD
10	Gohira	45+556	150	250	HDD
11	Biragobindapur	49+200	300+100	600	HDD
12	Amaranga	53+350	150	250	HDD
13	Kamando	58+780	200	300	HDD
14	Darakhola	62+120	100	150	HDD

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,



(D.K. Patra)
Manager (Tech)



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

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भारतमाला
एकरी के पथ पर प्रगति



BHARATMALA
ROAD TO PROSPERITY

NHAI/13011/54/RO/OD/ 1155 /2021

19.04.2021

INVITATION OF PUBLIC COMMENTS

Sub: Terminated project of 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 to be executed as BOT (Toll) on DBFOT pattern under NHDP Phase-III- NOC proposal for ROW access permission for laying of drinking water supply pipelines of DI Pipes of maximum dia 600mm under Mega Rural Piped water supply project consisting of 33 GP.s under Ghasipura & Anandapur Blocks of Keonjhar District from Ch.Km.22+920 at Jarda to Ch.Km.62+870 at Darakhola (RHS) with total as 39.950 Km (Including 14 nos. Crossing) within the Utility Corridor along / across the road of NH-215 in Keonjhar District of Odisha State as sought by the Executive Engineer, RWS&S Division, Anandapur, Govt of Odisha- reg

Executive Engineer, RWS&S Division, Anandapur has submitted a proposal permission for laying of drinking water supply pipelines of DI Pipes of maximum dia 600mm under Mega Rural Piped water supply project consisting of 33 GP.s under Ghasipura & Anandapur Blocks of Keonjhar District from Ch.Km.22+920 at Jarda to Ch.Km.62+870 at Darakhola (RHS) with total as 39.950 Km (Including 14 nos. Crossing) within the Utility Corridor along / across the road of NH-215. The details are as under:

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19		31+320	31+350	550	950	
20		31+350	31+400	500	900	
21		31+400	32+000	500	900	
22		32+000	32+320	500	900	
23		32+320	33+520	500	900	
24		33+520	34+000	400	700	

Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi-110 075, Phone : 011-25074100/200

Website : http://www.nhai.org

[Signature]

25		34+000	34+100	400	700
26		34+100	34+480	500	900
27		34+480	34+860	400	700
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12	Amaranga	53+350	150	250	HDD
13	Kamando	58+780	200	300	HDD
14	Darakhola	62+120	100	150	HDD

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".


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

CHECK LIST

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

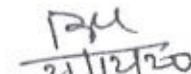
Certificate for confirming of all standard condition issued vide

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
- 8) Ministry Circular No. RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016

<u>Checklist for getting approval for laying of water supply pipeline on NH land</u>			
<u>No-215 (NH-20 New)</u>			
Sl.	Item	Information/ Status	Remarks
1.	General Information	Augmentation of Rural PWS Project to 33 G.P's of Ghasipura & Anandapur Block, 11 G.P's of Anandapur Block and 20 G.P's of Saharapada Block under Keonjhar District	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, RWS&S Division, Anandapur, Kainipura, P.O-Sailong, Keonjhar District, Odisha-758015	
1.2	National Highway Number	NH-215 (New NH-20)	
1.3	State	Odisha	
1.4	Location	Panikoili - Rimuli section	
1.5	(Chainage in km)	From: 22.920 to 62.870 in R.H.S	
1.6	Length in Kilometers	39.950 Km	
1.7	Width of available ROW	60 mtr.(In General)	
	a) Left side from center line towards increasing chain age / km direction.	30 mtr.	
	b) Right side from center line towards increasing chain age/km. direction.	30 mtr.	
1.8	Proposal to lay underground Water Pipeline	Yes, DI Water Pipeline Dia Min-100mm to Max: 600mm	
	(a) Left side from center line towards increasing chain age/km. direction.	N.A	


PROJECT DIRECTOR
KEONJHAR DISTRICT


EXECUTIVE ENGINEER
R.W.S. & S. DIVISION

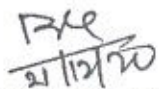
**Checklist for getting approval for laying of water supply pipeline on NH land
No-215 (NH-20 New)**

Sl.	Item	Information/ Status	Remarks
	(b) Right side from center line towards increasing chain age/km direction.	28Mtr – 30 Mtr as per ROW Availability	
1.9	Proposal to acquire land	Not applicable	
	a) Left side from center line	Nil	
	b) Right side from center line	Nil	
1.10	Whether proposal is in the same side where land is not to be acquired.	Yes	
	If not then where to lay the Water pipeline	NA	
1.11	Details of already laid services, if any, along the proposed route.	Yes, Existing Laid services considered in the C/S Drawing and Documents attached.	
1.12	Number of lanes (2/4 6/8 lanes) existing	Existing 4 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	Not applicable	
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	NA	
	(b) Right side from center line	Existing Service Road Varies from 14m to 24m from center line of the Road	
1.15	Proposed Service road	Yes	
	(a) left side from center line	NA	
	(b) Right side from center line	Proposed Service Road Varies from 14m to 24m from center line of the Road	
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 in the Utility corridors as per available PROW of NHAI	
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.	Yes, 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.	Yes, Agreed for not carrying drinking water pipelines on Bridges	

Checklist for getting approval for laying of water supply pipeline on NH land
No-215 (NH-20 New)

Sl.	Item	Information/ Status	Remarks
	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.	Yes, Agreed for not carrying Water Pipelines on Bridges however it will be laid over independent structures like Pipe Carrying Bridges for Major Bridge crossings and Fabricated Structural Steel Path will be laid adjacent to the current structures for Minor Bridges/ Culverts/ Cross Drainage Structures when required with the permission of Authority.	
	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.	Yes, Agreed to comply	
	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	Yes, 14 Nos at Various locations as per the attached drawings and documents.	
	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 the line.	Encasing Pipe Dia = 1.5 times dia of Pipe at various locations as per attached drawings and documents	
	a) Existing drainage structures shall not be allowed to carry the lines.	Yes, Agreed to comply	
	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.	More than 15 meters at all our crossing locations.	
	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.	Yes and Made of Mild Steel of various sizes as per attached drawings and documents.	




 EXECUTIVE ENGINEER
 DIVISION

Checklist for getting approval for laying of water supply pipeline on NH land

No-215 (NH-20 New)

Sl.	Item	Information/ Status	Remarks
	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 to comply	
	f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes, Agreed to comply	
	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 to comply	
	h) Crossing shall be by boring methods (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Yes, Crossings will be done by Jack pushing/ HDD Method	
	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 to comply	
2.	Document/Drawings enclosed with the proposal.	Attached	
	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 to comply	
2.1	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.	Yes, Agreed to comply	
	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 to comply	
	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 to comply	
2.2	Cross section showing the size of pit and location of Pipe for HDD method.	Yes Submitted and incorporated in the drawing.	





 EXECUTIVE ENGINEER
 R.W.S. & S. DIVISION

Checklist for getting approval for laying of water supply pipeline on NH land
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Sl.	Item	Information/ Status	Remarks
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 drainage works etc.	Yes, Submitted showing all desired details in the drawings.	
2.4	Methodology for laying of showing water supply pipe line.	Attached as 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.	Yes, Open Trenching as per Submitted Methodology as per available RoW.	
	(a) The trench width should be at least 30cm, but not more than 60cm wider than the outer diameter of the pipe.	Yes, Agreed to comply	
	(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 to comply	
	(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 to comply	
	(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 to comply	
	(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 to comply	




 EXECUTIVE ENGINEER
 R.W.S. & S. DIVISION
 ANANDAPUR

Page 5 of 10

PD, Keonjhar

**Checklist for getting approval for laying of water supply pipeline on NH land
No-215 (NH-20 New)**

Sl.	Item	Information/ Status	Remarks
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes, Agreed to comply	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes, Agreed to comply	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes, HDD Method allowed as per submitted methodology at specific locations as per enclosed attachments in the annexures.	
	Laying of water supply pipe line through CD works and method of laying.	At all CD work Locations Independent pipe carrying Structures will be adopted.	
2.4.3	(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	Yes, Agreed to comply	
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 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.	Yes Agreed for Submission of Performance BG as per latest MoRTH / NHAI Guidelines, when asked by NHAI.	
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, will be obtained after submission of BG.	



(Signature)
(RE)

(Signature)
EXECUTIVE ENGINEER
R.W.S. & S. DIVISION

(Signature)

**Checklist for getting approval for laying of water supply pipeline on NH land
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Sl.	Item	Information/ Status	Remarks
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, Agreed to comply and Undertaking Enclosed	
5.2	Renewal of Bank Guarantee	Yes, Agreed to comply and Undertaking Enclosed	
5.3	Confirming all standard condition of NHAI's guideline.	Yes, Agreed to comply and Undertaking Enclosed	
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost.	Yes, Agreed to comply and Undertaking Enclosed	
5.5	Shifting due to 6 lanning / widening of NH	Yes, Agreed to comply and Undertaking Enclosed	
5.6	Indemnity against all damage and claims clause (xxiv)	Yes, Agreed to comply and Undertaking Enclosed	
5.7	Traffic movement during laying of water supply pipe line to be managed by the applicant.	Yes, Agreed to comply and Undertaking Enclosed	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant	Yes, Agreed to comply and Undertaking 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, Agreed to comply and Undertaking 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, Agreed to comply and Undertaking Enclosed	
5.11	If the NHAI considers it necessary in future to move the unity 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, Agreed to comply and Undertaking Enclosed	



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Sl.	Item	Information/ Status	Remarks
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 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".	Yes, Agreed to comply and Undertaking Enclosed	
6.	Who will sign the agreement on behalf of water supply pipeline agency.	Executive Engineer, RWS&S Division, Anandapur, Kainipura, P.O- Sailong, Keonjhar District, Odisha- 758015	
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.	Enclosed	
7.2	Certificate from PD in the following format. i) "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."	Enclosed	

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Sl.	Item	Information/ Status	Remarks
	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 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 -laning.		
8.	If NH section proposed to be taken up by NHA/ 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."	Not Applicable	
9.	Who will supervise the work of laying of water supply pipe line.	Megha Engineering & Infrastructures Ltd., Plot No. -304, 3rd Floor, Flat No. – 301 & 302, Sai Satyam Plaza, Near IMFA Park, Saheed Nagar, Bhubaneswar - 751007	
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.	Megha Engineering & Infrastructures Ltd., Plot No. -304, 3rd Floor, Flat No. – 301 & 302, Sai Satyam Plaza, Near IMFA Park, Saheed Nagar, Bhubaneswar - 751007	
11.	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire	Executive Engineer, RWS&S Division, Anandapur, Kainipura, P.O-Sailong, Keonjhar District, Odisha- 758015	
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	

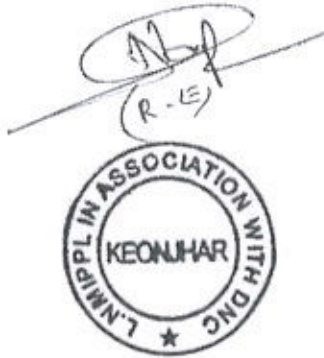


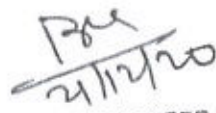
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EXECUTIVE ENGINEER
R.W.S. & S. DIVISION


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PD, Keonjhar

Checklist for getting approval for laying of water supply pipeline on NH land
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Sl.	Item	Information/ Status	Remarks
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.	Yes, Enclosed	




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