



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
३०१-ए, तीसरी मंजिल, पाल हाईट्स, प्लॉट नं जे/७, जयदेव विहार, भुवनेश्वर-७५१०१३, ओडिशा
301-A, 3rd Floor, Pal Heights, Plot No : J7, Jayadev Vihar, Bhubaneswar-751013, Odisha
दूरभाष / Ph.: 0674- 2361470/670
ई-मेल/ e-mail: roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट / Web : www.nhai.gov.in

NHAI/13011/54/RO/OD/3044 /2025

29.12.2025

To

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

Sub: Cuttack Angul section of NH-55, Pkg-II: Permission for proposal of M/s JPIPL for crossing of water pipeline at Km. 76.840 in the state of Odisha -Reg.

Ref: PD, PIU- Dhenkanal letter no. 2182 dated 10.12.2025

Sir,

Please find enclosed herewith proposal of M/s JPIPL for crossing of water pipeline by HDD method at Km. 76.840 in the state of Odisha. The details are as under:

Sr. No.	Along/ across	Chainage	Dia in mm	Remarks
1	Across	Km. 76.840	2x 400mm MS casing pipe	Through HDD

2. 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 Regional Officer, Odisha.

Yours Sincerely,

29.12.25

(Abinash Behera)
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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NHAI/13011/54/RO/OD/304572025

29.12.2025

INVITATION OF PUBLIC COMMENTS

Sub: Cuttack Angul section of NH-55, Pkg-II: Permission for proposal of M/s JPIPL for crossing of water pipeline at Km. 76.840 in the state of Odisha -Reg.

Applicant, M/s JPIPL has submitted the proposal for crossing of water pipeline by HDD method at Km. 76.840 in the state of Odisha. The details are as under:

Sr. No.	Along/ across	Chainage	Dia in mm	Remarks
1	Across	Km. 76.840	2x 400mm MS casing pipe	Through HDD

2. 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.

3. 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 RO, Odisha.

29.12.25

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



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)



परियोजना क्रियान्वयन इकाई - डेंकानाल / Project Implementation Unit - Dhenkanal

प्लॉट नं-1768, कलिंग आंखों के अस्पताल के समीप, दक्षिणकाली मार्ग, डेंकानाल - 759001, (ओडिशा)

Plot No. : 1768, Near Kalinga Eye Hospital, Dakkhinkali Road, Dhenkanal-759001 (Odisha)

दुरभाष / Ph. : 06762 - 796579 (का / O)

ई-मेल / E-mail : piudhenkanal@nhai.org, nhaidhenkanal@gmail.com

No.20010/141/JPIPL/NH-55/PIU-DKL/2025/ 2182

Date: 10.12.2025

Regional Officer,
National Highways Authority of India,
RO office, Odisha. 301-A, 3rd Floor,
Pal Heights, J/7, Jaydev Vihar,
Bhubaneswar-751013

Sub: - 4-laning of Cuttack-Angul Section of NH-55 Pkg-II: Permission for Road Crossing for laying Water Pipeline by HDD method at Ch. 76.840 Km. for a length of 0.060 Km. on Dhenkanal - Angul Section along NH-55 - Provisional NOC.

Ref: 1. M/s. JPIPL letter dated 28.11.2025
2. This office letter no. 2154 dated 05.12.2025
3. AE letter no. 530 dated 09.12.2025

Sir,

With reference to the above mentioned subject, M/s. JPIPL vide letter dated 28.11.2025 have submitted proposal for granting Permission for Road Crossing for laying Water Pipeline by HDD method at Ch. 76.840 Km. for a length of 0.060 Km. on Dhenkanal - Angul Section along NH-55 for Provisional NOC.

In this regard, this office vide letter no. 2154 dated 05.12.2025 has advised Authority Engineer to examine the proposal w.r.t MORTH guidelines dated 22.11.2016 & subsequent amendments and submit comments. Subsequently, Authority Engineer vide letter no. 530 dated 09.12.2025 has visited the site along with the representative of M/s. JPIPL and recommended the proposal for approval of Provisional NOC. (Site Inspection attached).

In view of the above & based on the recommendation of Authority Engineer, the subjected proposal is recommended herewith for approval of Provisional NOC by the Competent Authority i.e., NHAI.

Encl.- As above

Yours faithfully,

16/12/2025
Kuldeep Songara
Project Director

Site Inspection Note

Sub: Cuttack-Angul section of NH--55 (Pkg-II) Permission for Road Crossing for laying Water Pipeline by HDD method at Ch. 76+840 Km to Ch. For a length of 0.060 Km. on Dhenkanal – Angul Section along NH-55 –Reg.

The above subject proposal has been inspected on 08.12.2025 at Site by Authority's Engineer, M/s. LN Malviya Infra Project Pvt. Ltd., along with representatives of NHAI, PIU Dhenkanal & representative of M/s JPIPL, and the following site features have been observed: -

1. Proposal has been submitted online on MORTH NOC Portal.
2. Width of ROW is 60 meters.
3. The NH crossings will be carried out through HDD method.
4. Necessary undertakings, drawings have been submitted by the applicant.

In view of the above, the proposal is in accordance with Ministry's guidelines issued vide letter No. RW / NH-33044 / 29 / 2015 / S&R dated 22 11 2016 & RW / JAI / R.I / PS / 2017 / UTILITY / GENL / 1162 dated 16.03.2017.

Hence, the proposal may be recommended to the Competent Authority for approval.

for JPIPL
48


Team Leader
Authority Engineer
L.N. Malviya Project Pvt. Ltd.



Site Engineer
National Highways Authority of India
Project 100 Dhenkanal


उप प्रबंधक (तकनीक)
Dy. Manager (Tech.)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
ए.का.इ. डेहकानल/ P.I.U. Dhenkanal


परियोजना निदेशक
PROJECT DIRECTOR
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
ए.का.इ. डेहकानल/ P.I.U. Dhenkanal



सत्यमेव जयते

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National Highways Authority of India



(Ministry of Road Transport & Highways, Govt. of India)

परियोजना क्रियान्वयन इकाई - डेंकानाल /Project Implementation Unit - Dhenkanal

प्लॉट नं-1768, कलिंग आंखों के अस्पताल के समीप, दक्षिणकाली मार्ग, डेंकानाल -759001, (ओडिशा)
Plot No. : 1768, Near Kalinga Eye Hospital, Dakkhinkali Road, Dhenkanal-759001 (Odisha)

दुरभाष / Ph. : 06762 - 796579 (का / O)

ई-मेल / E-mail : piudhenkanal@nhai.org, nhaidhenkanal@gmail.com

No.20010/141/JPIPL/NH-55/PIU-DKL/2025/2154

Date: 05.12.2025

The Team Leader,
M/s. LN Malviya Infra Project limited
Cuttack-Angul Package-II

Sub: - 4-laning of Cuttack-Angul Section of NH-55 Pkg-II: Permission for Road Crossing for laying Water Pipeline by HDD method at Ch. 76.840 Km. to Ch. for a length of 0.060 Km. on Dhenkanal - Angul Section along NH-55-Reg.

Ref: 1. M/s. JPIPL letter dated 28.11.2025

Sir,

With reference to the above mentioned subject, M/s. JPIPL vide letter dated 28.11.2025 have submitted proposal for granting Permission for Road Crossing for laying Water Pipeline by HDD method at Ch. 76.840 Km. to Ch. for a length of 0.060 Km. on Dhenkanal - Angul Section along NH-55.

In this regard, they had planned to lay water Pipeline at below mentioned routes:

Sl.No.	Route Details (Chainage Details)	NHAI Section	NH No.	Route Length in Km.	MoRT&H Ref.No.	Online
1	Road Crossing at Ch. 76.840 Km.	Dhenkanal- Angul	NH- 55	0.060	20251129/2/14/42515/ 19751	

In view of the above, you are advised to examine the proposal w.r.t MORTH guidelines dated 22.11.2016 and submit your comments & recommendation within stipulated time limit to this office for further needful action in the matter.

Encl.- As above

Yours faithfully,

Kuldeep Songara
Project Director



Jagannath Power And Infra Private Limited

Regd. Office : Plot No - 102, Sisupalagada, IGH Colony,
Bhubaneswar, Dist - Khurda - 751002

E-mail : jpiplnimidha@gmail.com

Mob. : 9866030920, 8249348709, 7381029545

CIN : U40106OR2021PTC036544

Date: -28/11/2025

Letter No:-JPIPL/NHAI/Dhenkanal-Angul/2025-26

To

The Project Director

National Highways Authority of India

Project Implementation Unit, Dhenkanal,

Dist- Dhenkanal, Odisha

Sub:- Permission of Road Crossing for laying Water Pipe Line by HDD method at Ch. 76.840 Km for a length of 0.060 Km on Dhenkanal - Angul Section along NH-55.

Dear Sir,

JAGANNATH POWER AND INFRA PRIVATE LIMITED is a Private Limited Company, governed by the Companies Act as a company limited by shares. Classified as a Non-government company, it is registered under the Registrar of Companies RoC-Cuttack. According to the Ministry of Corporate Affairs (MCA), this company was incorporated on 22-05-2021.

The Company has produce electricity & provide to GRIDCO for benefit electricity to every peoples of Odisha & Nation. It is a 20MW bio mass power plant.

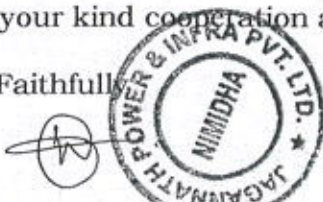
Further, water is mandatory for plant to run the boiler and cooling tower to produce electricity. We have already used old water pipe line from Bramhani River near Bido village. However, the old water pipe line has been rusted/damaged. Hence, we planned for laying new pipeline for Safety & requirments. Already we have agreement with WRd.

Request your esteemed office to consider our proposal favorably and grant permission to cross the road by HDD Method for laying Water Pipe Line at below mentioned location

Sl. No	Route Details (Chainage Details)	NHAI Section	NH No.	Route Length in Km	MoRT&H Online Ref. No.
1	Road Crossing at Ch. 76.840 Km	Dhenkanal - Angul	NH-55	0.060	20251129/2/14/42515/19751

Solicit your kind cooperation and support.

Yours Faithfully



For Jagannath Power and Infra Pvt. Ltd.
Authorized Signatory

श्रीमती एम. पी. उ. डेनकनाल

Nm A.I., P.I.U, Dhenkanal

अ. नं. 2573

By No. 01/12/25

दिनांक 01/12/25

Date 01/12/25

Correspondence Address : At - Baghuaboli, P.O.- Talcher, Dist. - Angul, Odisha - 759100

**FORM OF APPLICATION FOR APPROVAL OF RIGHT OF WAY FOR
LAYING/CROSSING OF WATER PIPE LINE**

Date: 28-11-2025

Location: Bhubaneswar

1. Name of the Company : **Jagannath Power and Infra Pvt. Ltd.**
2. Address of the Company : Plot No- 102, Sisupalgarh, IGH Colony,
Bhubaneshwar, Pin – 751002, Odisha
3. Owner/ Authority of ROW : Project Director, NHAI, Dhenkanal
4. Name of Road/ Stretch of proposed Laying of Water Pipeline : From Ch. 76.840 KM
5. Length of the Road for laying : 0.060 Km
6. Route survey/sketch plan of proposed Route if enclosed : Yes, enclosed herewith.
7. Type of specification of Road : BT
(BT/WBM/Concrete/Berm/Earthen/Road side land)
8. Section of Trench proposed : BT (ROAD CROSSING)
(BT/WBM/Concrete/Berm/Earthen/Road side land)
9. No. of crossroad cutting required with type of road. : Nil. (CROSS BY HDD METHOD)
10. Mode for deposit of cost : To be deposited
11. Back filling to be done by applicant : Yes
12. Details of performance bank guarantee : To Be submitted
13. List of Documents:
 - a) Application
 - b) Route Diagram
 - c) RoW Statement
 - d) Cross Sectional Drawing
 - e) Methodology of construction
 - f) Technical Specification
 - g) Check List
 - h) Undertaking
 - i) Copy of Power of attorney of the authorised signatory

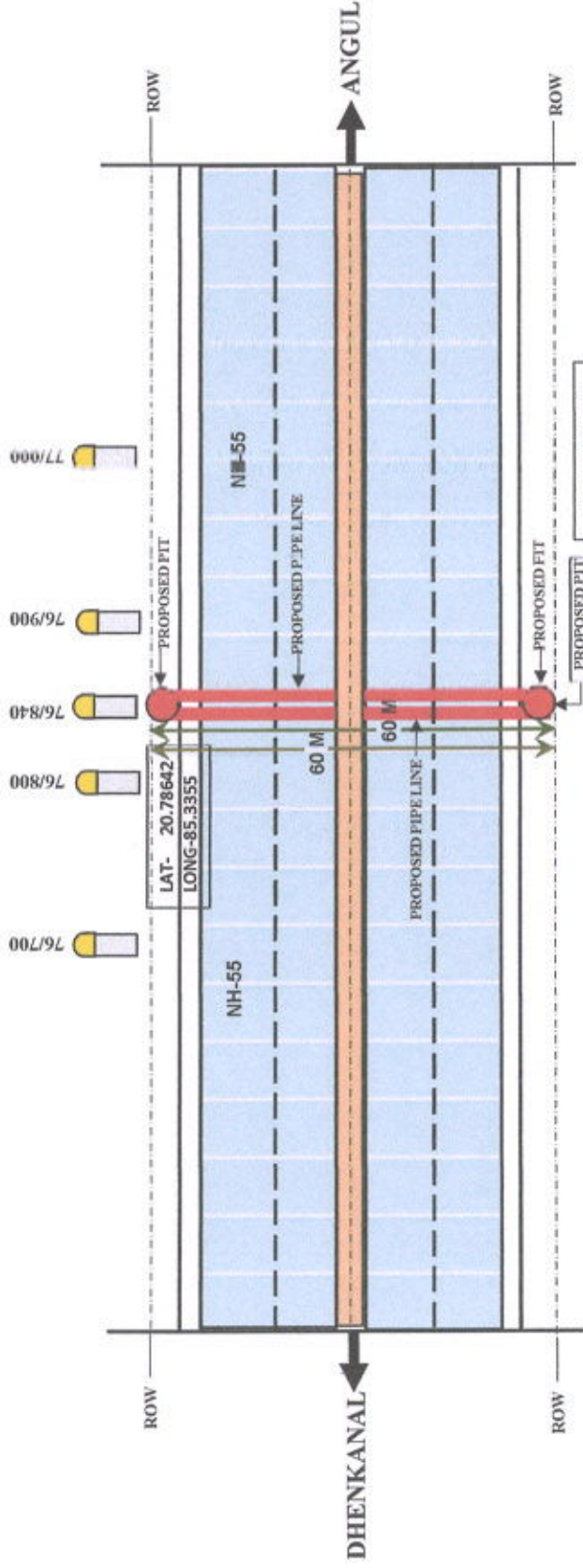
Certified that all the information/documents furnished above are authenticated and true to best of my knowledge.

For **Jagannath Power and Infra Pvt. Ltd.**

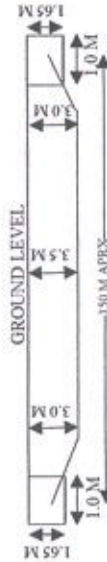
Authorised Signatory



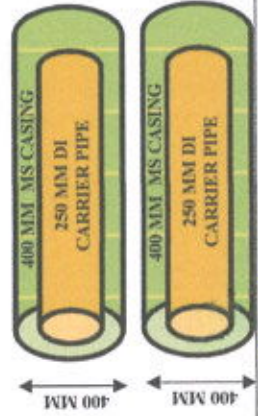
PROPOSED DIAGRAM FOR WATER PIPE LINE



TYPICAL DRAWING FOR PIPE LAYING THROUGH HDD METHOD



SPECIFICATION OF PIT: WIDTH 1 M X LENGTH 1 M X DEPTH 1.65 M
SPECIFICATION OF BORE: ENTRY / EXIT PIT DEPTH 1.65 M, MIDDLE DEPTH 3.5 M



Site Engineer

National Highways Authority of India
Project Implementation Unit-Dhenkanal

PROJECT DIRECTOR
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प. का. इ. देहकानल/ P.I.U., Dhenkanal

Authority Engineer
Team Leader
L.N. Malviya Project Pvt. Ltd.
उप प्रबंधक (तकनीक)
Dy. Manager (Tech.)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प. का. इ. देहकानल/ P.I.U., Dhenkanal

LEGEND:

- PROPOSED PIT
- PROPOSED WATER PIPE LINE
- ROAD

PAGE NO. 01 OF 01

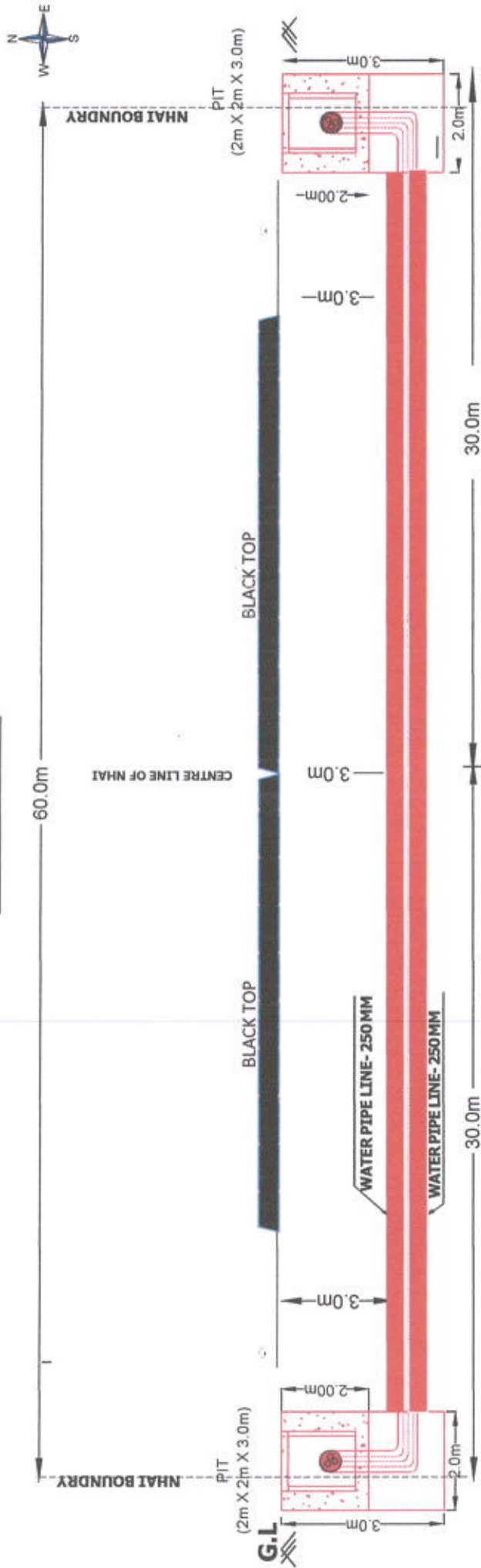
Site Location:- Road crossing Et Ch. 76/840 Km- 0.060 Km

NHAI Section- DHENKANAL - ANGUL along NH-55

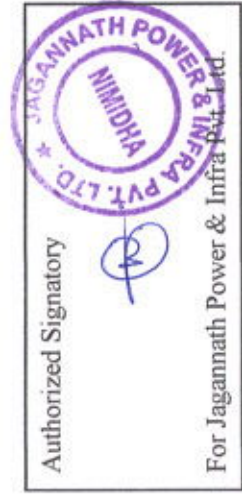
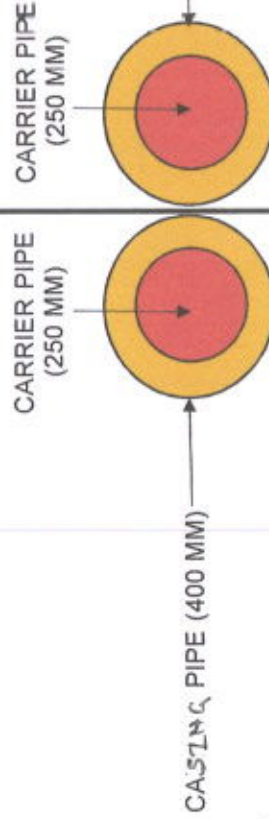
ADDRESS:- Jagannath Power & Infra Pvt. Ltd., Plot No- 102, Sisupalgarh, IGH Colony Bhubaneswar, Khordha- 751002

Authorized Signatory
National Highways Authority of India
प. का. इ. देहकानल/ P.I.U., Dhenkanal
For Jagannath Power & Infra Pvt. Ltd.

ELEVATION PLAN



Signature
Team Leader
Authority Engineer
L.N. Malviya Project Pvt Ltd.



Signature

PROJECT DIRECTOR
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 National Highways Authority of India
 प.का.इ. देहकानाल/ P.I.U., Dhenkanal

Site Engineer
 National Highways Authority of India
 Project Implementation Unit-Dhenkanal
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 National Highways Authority of India
 प.का.इ. देहकानाल/ P.I.U., Dhenkanal

SPECIFICATION

1. PIPE LINE SHOULD BE PUSHED THROUGH THE NH EMBANKMENT UNDER THE SUPERVISION OF NHAI ENGINEERS TAKING SUITABLE PERFECTION SO THAT NO SETTLEMENT IS TAKE PLACE AT THE TIME OF PUSHING.
2. TWO NOS. OF 250 MM DI CARRIER PIPE CROSSING WITH 400 MM MS CASING PIPE.
3. TOTAL LENGTH OF PIPE LINE ROUTE WITHIN NH BOUNDARY IS 60.00 M.
4. PROPER CARE SHOULD BE TAKEN TO ISOLATE PIPELINE CROSSING INSTALLATION & IT SHOULD BE SUITABLE INSULATED FROM UNDER GROUND CONDUCTS CARRYING WATER PIPE LINE
5. ANY DAMAGE IN UG CABLE , PIPE LINE , DRAIN E.T.C., WILL BE BRONE BY THE PARTY.
6. DURING EXCAVATION OF WORK REPRESENTATIVE OF ASTE/SSE(SIG) SHOULD BE PRESENT.

Authorized Signatory




For Jagannath Power & Infra Pvt. Ltd.




METHODOLOGY OF MAINTAINACE/REPAIRING OF WATER PIPE LINE

1. **LAI D ACROSS NHAI ROAD-** 400 MM DIA MS PIPE WILL BE USED AS CASING PIPE FOR ROAD CROSSING 250 MM DIA DUCTILE IRON CARRIER PIPE (TO BE USED FOR WATER SUPPLY) WILL BE LAID THROUGH THE MS CASING PIPE MAINTAINING A MM CLEARANCE/GAP. IN CASE OF ANY MAINTAINACE OF WATER SUPPLY PIPE NEITHER THE CARRIER PIPE NOR THE EXISTING ROAD WILL BE DISTURB AS THERE IS CLEARANCE BETWEEN THESE TWO PIPES AND THERE WILL BE NO DIRECT CONTACT BETWEEN ROAD & WATER SUPPLY PIPE.
2. **LAI D ALONG NHAI ROAD-** IN CASE OF ANY MAINTAINACE OF WATER LINE SOIL WILL BE EXCAVATED WITH OPEN EXCAVATION. AFTER COMPLETION OF MAINTAINANCE PROCESS, EXCAVATED SOIL WILL BE REFILLED IN LAYERS WITH PROPER COMPACTION BY US.

Authorized Signatory





For Jagannath Power & Infra Pvt. Ltd.

ROW STATEMENT					
Proposed OFC LAID FROM Permission of Road Crossing for laying Water Pipe Line by HDD method at Ch. 76.840 Km for a length of 0.060 Km on Dhenkanal – Angul Section along NH-55					
CHAINAGE	LHS (PROPOSED ROW)	PIPELINE TO BE LAID IN LHS	RHS (PROPOSED ROW)	PIPELINE TO BE LAID IN RHS	Methodology
76.840 (Road Crossings)	30.00	30.00	30.00	30.00	HDD Method





Jagannath Power And Infra Private Limited

Regd. Office : Plot No - 102, Sisupalagada, IGH Colony,
Bhubaneswar, Dist - Khurdha - 751002

E-mail : jpiplnimidha@gmail.com

Mob. : 9866030920, 8249348709, 7381029545

CIN : U40106OR2021PTC036544

Date- 29.11.2025

To
The Project Director
National Highways Authority of India
Ministry of Road Transport & Highways
Project Implementation Unit
Dhenkanal, Odisha

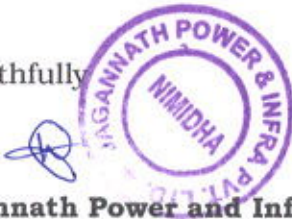
Sub.: Certificate 5.12 total route length 60 Mtr on Dhenkanal - Duburi (NH-55) at Ch.
76.840 Km for Road Crossing.

Sir,

We are providing the certificate 5.12 total route length of 60 Mtr on NH-55.

- (i) Laying of Water pipe line will not have any deleterious effect of any of the bridge components and roadway safety for traffic.
- (ii) For 6-lanning "We do under take that, We will relocate service road /approach road utilities at my own cost not withstanding permission granted within such time as will be stipulated by NHAI" for further six-laning or any other development".

Yours Faithfully



For Jagannath Power and Infra Pvt. Ltd.
Authorized Signatory

<u>CHECK LIST</u>	
Guidelines for project Directors for processing the proposal for laying Optical Fiber Cable in the land across National Highway vested with NHAI.	
Relevant Circulars	
1. Ministry Circular No. NH-41 (58) / 68 dated 31-1-1969	†
2. Ministry Circular No. NH-III / P / 66/96 dated 18/19-11-1976	
3. Ministry Circular No. RW/NJ-III/P/66/76 dated 01.05.1982	
4. Ministry Circular No. RW/NH – 11037 / 1 / 86 – DOI (II) dated 28.07.1993	
5. Ministry Circular No. RW/NH-11067 / 1 / 1 / 86-DOI dated 17.09.2003	
6. Ministry Circular No. RW / NH-34066 / 2 / 95 / S&S dated 25.10.1999	
7. Ministry Circular No. RW/NH-34066/7/2003 S&R dated 17.09.2003	†
8. Ministry Circular No. RW/NH-34044/29/2015-S&R(R) dated 22.11.2016	
9. Ministry Circular No. NH-36094/01/2022-S&R(P & B) dated 17.04.2023	

Sl. No.	Item	Information / Status	Remarks
1	General Information	Crossing of Water Pipe Line	
1.1	Name and Address of the Applicant Agency	Jagannath Power and Infra Pvt. Ltd., Plot No- 102 Sisupalgarh, IGH Colony, Bhubaneswar, Pin – 751002, Odisha	
1.2	National Highways Number	NH – 55 (Dhenkanal - Angul Section)	
1.3	State	Odisha	
1.4	Location	Dhenkanal - Angul Section	
1.5	Chainage in Km	At Km. 76/840	
1.6	Length in Meters	60 Mtr.	
1.7	Width of Available Road of NHAI Land		
	(a) Left side from centre line towards increasing chainage / km direction	Details mentioned in RoW Statement	
	(b) Right side from centre line towards increasing chainage / km direction	Details mentioned in RoW Statement	
1.8	Proposal to lay water pipe line underground Cable.	YES	
	(a) Left side from center line towards increasing chainage / km direction.	NA	
	(b) Right side from centre line towards increasing chainage/km direction	NA	
1.9	Proposal to acquire land	NO	

उप प्रबंधक (टेक्निकल) **PROJECT DIRECTOR**
Dy. Manager (Tech) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India
National Highways Authority of India इंदौर, ई.के.एन.ए.ए. (P.I.U.), Dhen

	(a) Left side from centre line towards increasing chainage /km direction.	NO	
	(b) Right side from centre line towards increasing chainage / km direction.	NO	
1.10	Whether the proposal is on the same side where land is not to be acquired	NA	
	If not then where to lay the OFC cable	NA	
1.11	Details of already laid services, if any, along the proposed route.	NA	
1.12	Number of Existing lanes (2/4/6/8 lanes)	4 Lanes with paved shoulders	
1.13	Proposed No. of Lanes (2 Lanes with paved shoulders/4/6/8 Lanes)	NA	
1.14	Service Road (Existing or not) Y/N if then which side	NO	
	(a) Left side from centre line (WIDTH)	Details mentioned in RoW Statement	
	(b) Right side from centre line (WIDTH)	Details mentioned in RoW Statement	
1.15	Proposed Service Road	NO	
	(a) Left side from centre line	NA	
	(b) Right side from centre line	NA	
1.16	Whether proposal to lay water pipe line is beyond the Service Road of between the service road and main carriageway.	At the Extreme edge of NHAI ROW	
1.17	The Permission for laying of water pipe line shall be considered for approval rejection based on Ministry Circulars mentioned as above. a. Carrying of sewage/gas pipeline on Highway bridges shall not be permitted as fumes / gasses pipes can accelerate the process of corrosion, thus being much cause explosions, thus being much more injurious that leakage of gas.	Yes Agreed to comply	

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	<p>b. Carrying of Gas pipe lines on bridges shall also be discourage. However if the Gas Authorities seem to have no other viable alternate 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 the final arrangement enough freeapade around the superstructure of the bridge and repair etc.</p> <p>c. Cost of required extension of the sub-structures as well as that of the supporting superstructure shall be borne by the agency in charge of the Utilities.</p> <p>d. Services are not being allowed indiscriminately of the bridge, safety of the bridges as not 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.</p>		
1.18	If crossings of the road involved if yes, it shall be either encased in pipelines or through structure or conduits specially built for that purpose at the expenses	YES at Ch. 76/840 Km	


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	of the agency owning the line.		
	(a) Whether existing drainage structures are allowed to carry water <u>pipe line</u>	NA	
	(b) Is it on a line normal to NH	NA	
	(c) What is the distance of crossing the road <u>from the existing structures</u> ? Crossing shall not be too near the existing structure on the National Highways, the minimum distance being 15 meter.	NA	
	(d) The casing pipeline (or conduit pipeline in the case of electric pipeline) 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 pipeline / pipeline. Mention type of crossing.	TWO NOS. OF 250 MM DI CARRIER PIPE CROSSING WITH 400 MM MS CASING PIPE.	
	(e) Ends of the casing / conduit pipeline shall be sealed from the outside, so that it does not act as a drainage path.	Agreed	
	(f) The Casing / Conduit Pipeline should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Agreed	
	(g) The top of the Casing / Conduit pipeline should be at least 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts. Mention the proposed details.	Agreed	
	(h) Crossing shall be by boring method (HDD) (Trench less Technology), especially where the existing road pavement is of cement concrete or dense	Agreed	

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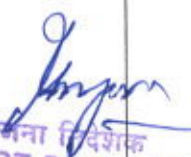
	bituminous concrete type.		
2	Documents / Drawings to be enclosed with the proposal	Yes, Drawings, Documents enclosed.	
2.1	<p>Cross Section showing the size of the trench for open trenching method (is it normal size of 1.65m deep / x0.3m wide)</p> <p>(i) Should not be greater than 60 cm wider than the outer diameter of the pipeline.</p> <p>(ii) Located as close to the extreme edge of the right of way as possible but not less than 15 meter from the centre lines of the nearest carriageway.</p> <p>(iii) Shall not to be permitted to run across the National Highways when the road formation is situated in double cutting. Nor shall be these are laid over the existing culverts or bridges.</p> <p>(iv) These should be so laid that top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	<p>Not normal size but as per drawing attached</p> <p>HDD Method to be adopted</p> <p>Yes, Agreed to comply</p> <p>Yes, Agreed to comply</p> <p>Yes, Agreed to comply</p> <p>Yes, Agreed to comply</p>	
2.2	Cross Section showing the size of pit and location of water pipe for HDD method.	Yes submitted as incorporated in the drawing.	
2.3	Strip Plan/Route Plan showing the water pipe line Chainage, width of ROW, distance of proposed pipeline from the edge of ROW, Important milestone, intersections, cross drainage works etc.	Yes, submitted	
2.4	Methodology for crossing of the water pipe line.	Yes, Submitted.	HDD

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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, what is the methodology of refilling of trench.	NA	
	The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipeline.	NA	
	i) For filling of the trench, Bedding shall be to a depth of not less than 30cm. It shall consist of granular material, free of lumps, clods and cabbies and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edge should be excavated and replaced by selected material.	NA	
	The backfill shall be completed in two stages (I) side fill to the level of the top of the pipeline and (ii) overfill to the bottom of the road crust.	NA	
	iv) The side-fill shall consist of granular material laid 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 pounding will not be permitted.	NA	
	v) 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	NA	


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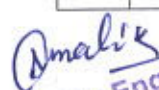



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	avoid the formation of dip at the trench.		
	vi) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	Yes Agreed to comply	
	vii) If required, a diversion shall be constructed at the expense of the 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 location as per available row for further compliance by Jagannath Power & Infra Pvt. Ltd. as per MORT&H guide line	
2.4.3	Methodology for lying of Water Pipe Line through CD works and method of lying. In cases where the carrying of Optical Fiber Cable on the bridge becomes inescapable.	at CD work locations HDD method will be used. NA	
3	Draft license agreement signed by two witnesses.	Yes, Submitted.	
4	Performance Bank Guarantee in favor 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 crossing the Optical Fiber Cable / ducts by proper filling and compaction, clearing debris / loose earth produced due to execution of trenching at least 50 meter away from the edge of the Right of way (ROW). No payment shall be payable by NHAI to the licensee for	Yes, agreed for submission of Performance BG as per latest MoRTH/NHAI guidelines.	


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	clearing debris / loose earth. Performance BG as per above is to be obtained.		
4.1	Confirmation of BG has been obtained or not as per NHAI guidelines.	Yes, agreed for submission	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished.	Attached	
5.1	Not damage to the other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.	Undertaking Attached	
5.2	For Renewal of Bank Guarantee	Undertaking Attached	
5.3	For confirming all standard conditions of Ministry Circulars and NHAI's Guidelines.	Undertaking Attached	
5.4	For shifting of ^{water pipe line} as and when required by NHAI at their own cost.	Undertaking Attached	
5.5	For shifting of Water ^{Pipe Line} due Six Leaning widening of NHAI	Undertaking Attached	
5.6	For indemnity against all damages and claims.	Undertaking Attached	
5.7	For traffic ^{water pipe line} Movement during crossing of to to be managed by the applicant.	Undertaking Attached	
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant.	Undertaking Attached	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation,	Undertaking Attached	

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	shifting or repairs, or alterations to the Optical Fiber Cable / any other utility located in the National Highways right of way's.		
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highways by crossing, maintenance or shifting of the Water Pipe Line will be borne by the applicant agency owning the line.	Undertaking Attached	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement of repairs to the road, it will be carried out as desired by NHAI at the cost of the agency owning the utility line within the reasonable time (not exceeding 60 Days) of the intimation given.	Undertaking Attached	
5.12	<p>Certificate from the applicant in the following format :</p> <p>(i) Laying of Water Pipe Line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(ii) "We do undertake that I/We will relocated service road / approach road / utilities at my / our own cost notwithstanding</p>	Yes, Agreed & submitted	<p><i>[Signature]</i></p> <p>परियोजना निदेशक PROJECT DIRECTOR भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India प.का.इ., धेंकानाल/P.I.U., Dhenkana</p>

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	the permission granted within such time as will be stipulated by NHAI" for future six leaning or any other development.		
6	Who will sign an agreement on behalf of Water Pipe Line agency?	Authorized signatory as appointed by M/s Jagannath Power & Infra Pvt. Ltd. and power of Attorney attached.	
7	The Project Director, will submit the following Certificates.		
7.1	Certificate for proposal for confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. NH-III/P/66/76 dated 18/19.11.1976, RW/NH - III / P / 66/76 dated 11.05.1982, RW / NH - 11037/1/86 - DOI dated 28.07.1983 NH-11037 / 1 / 86 - DOI dated 1.1995; RW / NH - 34066/2/95/ S&R dated 25.10.1999 and circular No. / NH-34066/7/2003 S&R (B) dated 17.09.2003.	Yes, Enclosed	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the water Water Pipe Line would be extremely difficult and unreasonably costly and installation of Water 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	Enclosed	 परियोजना निदेशक PROJECT DIRECTOR भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India प.का.इ., हैदराबाद/P.I.U., Dhenkana


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	carriage way, easing of curve etc." (ii) for 6 laning (a) where feasibility is available "I do certify that there will be no hindrance to the feasibility report is not available "I do certify that sufficient ROW is available at side for accommodating six laning."		
8	"If NH section proposed at be taken up by NHAI on BOT basis a clause is to be inserted in the agreement." The permitted Highway on which License has been granted the right to lay Optical Fiber Cable line /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 honor the same.	NA	
9	Who will supervise the work of Laying of Water <u>Pipe Line</u>		
	(a) On Behalf of the Applicant	Jagannath Power & Infra Pvt. Ltd. as per the direction of NHAI Authority.	
	(b) On Behalf of NHAI	Person authorized by NHAI.	
10	Who will ensure that the defects in road portion after crossing of water <u>Pipe Line</u> are corrected and if not corrected then what action will be taken.		

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	(a) On Behalf of the Applicant	As NHAI Authority would instruct accordingly the company Jagannath Power & Infra Pvt. Ltd. shall comply.	
	(b) On Behalf of NHAI	Person authorized by NHAI	
11	Who will pay the claims for damages done / disruption in working of concessionaire if asked by the Concessionaire.		
	On Behalf of the Applicant	Jagannath Power & Infra Pvt. Ltd. Plot No- 102, Sisupalgarh, IGH Colony, Bhubaneshwar, Pin – 751002, Odisha	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed performa.	Yes. Enclosed	
13	If any previous approval is accorded for crossing of underground water <i>then</i> photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	NA	



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