



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

301 - ए, तीसरी मंजिल, पाल हाइट्स, प्लॉट नं जे/7, जयदेव विहार, भुवनेश्वर - 751013, ओडिशा
301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar, Bhubaneswar- 751013, Odisha

दूरभाष / Ph.: 0674 - 2361470/ 570/670 (का/ओ)

ई-मेल/e-mail : roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट/Web : www.nhai.gov.in



NHAI/13011/54/RO/OD/ 417 /2024

26.02.2024

To

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

Sub: Rehabilitation and up gradation of existing two lane to four lane standards from Duburi to Chandikhol section (Km.388.376 to Km.428.074) of NH-200 (New NH-53) in the state of Odisha under NHDP-III- Laying and crossing of water pipeline and fixing of electric pole with laying of UG cable along RHS of NH-53 at Km.401+800 to Km.423+306 (from Chandikhole to Duburi) for Mega PWS to Badachana and Dharmasala Block of Jajpur District- Reg

Sir,

Please find enclosed herewith a proposal of Superintending Engineer, RWS&S Division, Jajpur for laying and crossing of water pipeline and fixing of electric pole with laying of UG cable along RHS of NH-53 at Km.401+800 to Km.423+306 (from Chandikhole to Duburi) for Mega PWS to Badachana and Dharmasala Block of Jajpur District. The details are as under:

Sl. No.	Chainage		Side	Length	Remarks
	From	To			
1.	Km.401+800	Km. 402+042	RHS	242	90 mm dia water supply pipeline
2.	Km.402+650	Km.402+850		200	90 mm dia water supply pipeline
3.	Km.405+357	Km.410+622		5265	110 mm dia water supply pipeline
4.	Km.411+312	Km.414+215		2903	
5.	Km.416+489	Km.418+293		1804	
6.	Km.418+744	Km.423+306		4562	
7.	Km.405+357		Across	100	Crossing of 100 mm dia water supply pipeline (Casing 300 mm dia) by HDD method
8.	Km.408+810				Crossing of 200 mm dia water supply pipeline (Casing 400 mm dia) by HDD method
9.	Km.417+720				Crossing of 100 mm dia water supply pipeline (Casing 300 mm dia) by HDD method
10.	Km.401+860	Km.402+900	RHS	1040	23 nos- 13 meter single RSJ Pole & 04 nos. 13 meter Double RSJ pole erection

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,

(Abinash Behera)
Dy. Manager (Tech)



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(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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NHAI/13011/54/RO/OD/ 416 I2024

26.02.2024

INVITATION OF PUBLIC COMMENTS

Sub: Rehabilitation and up gradation of existing two lane to four lane standards from Duburi to Chandikhol section (Km.388.376 to Km.428.074) of NH-200 (New NH-53) in the state of Odisha under NHDP-III- Laying and crossing of water pipeline and fixing of electric pole with laying of UG cable along RHS of NH-53 at Km.401+800 to Km.423+306 (from Chandikhole to Duburi) for Mega PWS to Badachana and Dharmasala Block of Jajpur District- Reg

Superintending Engineer, RWS&S Division, Jajpur has submitted a proposal for laying and crossing of water pipeline and fixing of electric pole with laying of UG cable along RHS of NH-53 at Km.401+800 to Km.423+306 (from Chandikhole to Duburi) for Mega PWS to Badachana and Dharmasala Block of Jajpur District. The details are as under:

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10.	Km.401+860	Km.402+900	RHS	1040	23 nos- 13 meter single RSJ Pole & 04 nos. 13 meter Double RSJ pole erection

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".

Akshay
26.02.24

Dy. 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 processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO.

General Information

Sl.No	Item	Information/ Status
1	Name and Address of the Applicant/Agency	Superintending Engineer Rural Water Supply & Sanitation Division, Jajpur At.- Chandikhol
2	National Highway No.	NH-53
3	State	Odisha
4	Location	Jajpur (Brahmani Bridge to Chandikhol)
5	Chainage in KM	Pipeline laying of distribution network along the road (RHS) 90mm dia from 401+800 to 402+042 90mm dia from 402+650 to 402+850 110mm dia from 405+357 to 409+350 110mm dia from 409+350 to 410+622 110mm dia from 411+312 to 412+766 110mm dia from 412+766 to 414+215 110mm dia from 416+489 to 418+293 110mm dia from 418+744 to 421+108 110mm dia from 421+108 to 423+306 Total Length – 14976 Mtr Crossing of water pipe line 1. 300mm dia at -405+357 2. 400mm dia at -408+810 3. 350mm dia at -411+505


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

Nation: 
Project Implementation Unit-Dhenkanal

प्रबंधक (तकनीक)
Manager (Tech.)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.का.इ., दhenkanal/P.U., Dhenkanal

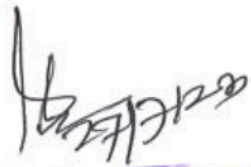
Project Director
NHAI, Dhenkanal
Odisha



4. 300mm dia at -417+720

Electrical Pole (13 Mtr RSJ)

1. 401+860 - 13 Mtr Double pole
2. 401+900 - 13 Mtr Single Pole
3. 401+940 - 13 Mtr Single Pole
4. 401+980 - 13 Mtr Single Pole
5. 402+020 - 13 Mtr Single Pole
6. 402+060 - 13 Mtr Single Pole
7. 402+100 - 13 Mtr Single Pole
8. 402+140 - 13 Mtr Single Pole
9. 402+180 - 13 Mtr Single Pole
10. 402+220 - 13 Mtr Single Pole
11. 402+260 - 13 Mtr Single Pole
12. 402+300 - 13 Mtr Single Pole
13. 402+340 - 13 Mtr Single Pole
14. 402+380 - 13 Mtr Single Pole
15. 402+420 - 13 Mtr Single Pole
16. 402+460 - 13 Mtr Single Pole
17. 402+500 - 13 Mtr Single Pole
18. 402+540 - 13 Mtr Single Pole
19. 402+580 - 13 Mtr Double Pole
20. 402+620 - 13 Mtr Double Pole
21. 402+660 - 13 Mtr Single Pole



Superintending Engineer,
RWS&S Division, Jaipur
AT - Chandkhoria


National Highways Authority of India
Project Implementation Unit-Dhenkanal

प्रबंधक (तकनीक)
Manager (Tech.)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.का.ड.,देंकानाल/P.I.U.,Dhenkanal


Project Director
NHAI, Dhenkanal
Odisha



		<p>22. 402+700 - 13 Mtr Single Pole</p> <p>23. 402+740 - 13 Mtr Single Pole</p> <p>24. 402+780 - 13 Mtr Single Pole</p> <p>25. 402+820 - 13 Mtr Single Pole</p> <p>26. 402+860 - 13 Mtr Single Pole</p> <p>27. 402+900 - 13 Mtr Double Pole</p> <p>Total Single Pole – 23 Nos</p> <p>Total Double Pole – 04 Nos</p> <p>11 Kv HT Crossing and Proposed UG cable on same side (RHS)</p> <p>402+580 to 402+620 = 40 Mtr</p> <p>TPNODL Existing substation (33/11 KV) to Proposed Bay of RWSS</p> <p>402+900 to 402+910 = 10 Mtr</p>
6	Length in M	14976
7	Width of available ROW in both side	90 meter
	a) Left side from center line towards increasing chain age / km direction.	45 meter
	b) Right side from center line towards increasing chain age/km. direction.	45 meter
8	Side of NH (Left or right side of NH towards increasing chainage/Km direction)	RHS within ROW
9	Name of Highway Authority of NHAI/PWD/BRO	NHAI
10	Highway Administration address	Plot No. 1768, Near Kalinga Eye Hospital, Dakkhinkali Road, Dhenkanal – 759001 (Odisha)




प्रबंधक (तकनीक)
Manager (Tech.)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.का.इ., देंकानाल/P.I.U., Dhenkanal



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



Sl.No	Item	Measurement Observation as per site conditions	MORTH Norms	Whether complying with Morth Norms
1	Details of already laid utility service, if any.	No	Enclosed	-
2	Whether up gradation of the stretch in near future is proposed or not.			
	(a) If yes, provision of utility adversely affect the plan of Up-gradation.	No	Not affect plan of up-gradation	-
3	Laying of the utility service along the National Highways.	<p>Pipeline laying of distribution network along the road (RHS)</p> <p>90mm dia from 401+800 to 402+042</p> <p>90mm dia from 402+650 to 402+850</p> <p>110mm dia from 405+357 to 409+350</p> <p>110mm dia from 409+350 to 410+622</p> <p>110mm dia from 411+312 to 412+766</p> <p>110mm dia from 412+766 to 414+215</p> <p>110mm dia from 416+489 to 418+293</p> <p>110mm dia from 418+744 to 421+108</p> <p>110mm dia from 421+108 to 423+306</p> <p>Total Length – 14976 Mtr</p>		
3.1	Location of proposed utility service along the stretch.	Utility Duct / beyond the toe line of the embankment and drains, within 2 meter of the extreme edge of the ROW.	Utility Duct / beyond the toe line of the embankment and drains, and close to the extreme edge of the ROW.	Yes
3.2	Depth of top of utility service from ground level.	1.2 meter	0.6 meter	Yes
3.3	Mechanism for crossing water channel.	Pipe line shall be crossed trenches less (Jack pushing or HDD method) (conduit encasing) Detailed drawing enclosed.	Through utility duct (if provision exists) or beneath the bed of water channel.	Yes
3.4	Whether ROW is restricted in this stretch ?	Yes		
3.4.1	If yes, whether provision of land acquisition is required to lay utility.	No		-
	(a) If yes, Whether undertaking for land acquisition along with relevant L.A. details has been furnished.			-
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts.	NA	Not less than One lane	-
4	Laying of utility services across the NH.	<p>Crossing of water pipe line</p> <p>1. 300mm dia at -405+357</p> <p>2. 400mm dia at -408+810</p> <p>3. 350mm dia at -411+505</p> <p>4. 300mm dia at -417+720</p>		
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	No	Not to be allowed	Yes
2	Proposed crossing of utility service.	<p>Crossing of water pipe line</p> <p>1. 300mm dia at -405+357</p> <p>2. 400mm dia at -408+810</p> <p>3. 350mm dia at -411+505</p> <p>4. 300mm dia at -417+720</p> <p>Perpendicular to road</p>		Yes

Handwritten signature

B.M.S.G. S. Division, 'A' Category
 Suburban Engineering

Project Director
 NHAI, Dhenkanal
 Odisha

National Highway Authority of India
 Project Director
 NHAI, Dhenkanal
 Odisha

4.3	Type of casting pipe/conduit carrying the utility line.	Mild Steel	Steel, cast iron, or reinforced cement concrete and have adequate strength.	Yes
4.4	Whether ends of the casing / conduit pipe are sealed from the outside.	Yes, Will be Sealed after completion of work.	Sealed	Yes
4.5	Length of casing/conduit pipe crossing NH.	360 Mtr	Extend from drain to drain in cuts and toe to toe of slope in the fills.	Yes
4.6	Depth of top of the casing/conduit pipe.	1.2 Mtr Below from the Natural Ground Level	At least 1.2 m below the top of subgrade.	Yes
4.7	Crossing method in case of CC pavement.	NA	Only boring method (HDD).	-
4.8	Horizontal and vertical clearances in case utilities are allowed overhead.	Agreed, In accordance with IRC codes.	In accordance with IRC codes.	Yes
5	Document / Drawings enclosed with the proposal.	Yes & Attached in this format.		
5.1	Cross-section showing the size of trench for open trenching method.	Details shown in the drawing attached.	Enclosed, if applicable.	
	(a) Trench width.	60 cm	More than 30 Cm and less than 60 Cm wider than the outer diameter of the utility pipe	Yes
	(b) Filling of trench.	Yes Agreed, as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016.	as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016.	
	(C) location of trench.	Within 2 meter of Extream Edge of ROW.	extreme edge of the ROW.	Yes
5.2	Cross section showing the size of pit and location of conduit for HDD method.	Attached Annexure.	Enclosed, if applicable.	Yes
5.3	Strip plan / Route Plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important mile stone, intersections, cross draingae works, etc.	Attached Annexure.	Enclosed.	Yes
5.4	Pain and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility.	Attached Annexure.	Enclosed.	Yes
6	Methodology for laying of utility line	Attached Annexure.	Enclosed.	
7	Draft License Agreement is as per Ministry Guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016 and signed by two witnesses.	Yes Agreed and enclosed.	Enclosed.	
8	License fees in Favor of MoRTH RPAO Jaipur.	Yes Agreed. As per Ministry vide circular No. RE/NH-34044/29/2015/S&R (R) dated 22.11.2016, will be Submitted.	As per Ministry vide circular No. RE/NH-34044/29/2015/S&R (R) dated 22.11.2016.	
9	Whether Bank Guarantee has been obtained.	Bank guarantee will be Submitted at the time of NOC.	As per Ministry vide circular No. RE/NH-34044/29/2015/S&R (R) dated 22.11.2016.	
	(a) If yes, whether confirmation of BG has been obtained as per MORTH/NHAI guidelines.	Bank guarantee will be Submitted at the time of NOC.		
10	Affidavit / Undertaking from the Applicant for			

[Handwritten Signature]

Superintending Engineer
R.W.S&S. Division, Jaipur
At: Chandikhol



Project Director
NHAI, Dhenkanal
Odisha

प्रबंधक (तकनीक)
प्रमुख (Tech.)
Mathabhita Highways Authority of India
National Highways Authority of India
प. का. ३, टंकानाल, P. U., Dhenkanal

10.1	Undertaking for not to damage other existing utility, if damaged then to pay the losses to either to MoRTH/NHAI or to the concerned agency.	Yes and Undertake Enclosed.	Enclosed.	Yes
10.2	Undertaking for renewal of Bank Guarantees and when asked by MoRTH/NHAI.	Yes and Undertake Enclosed.	Enclosed.	Yes
10.3	Undertaking for confirming all standard condition of MoRTH/ NHAI guidelines.	Yes and Undertake Enclosed.	Enclosed.	Yes
10.4	Undertaking for shifting of utility as when asked by MoRTH/ NHAI within a month at their own cost.	Yes and Undertake Enclosed.	Enclosed.	Yes
10.5	Undertaking for indemnity against all damages and claims.	Yes and Undertake Enclosed.	Enclosed.	Yes
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Yes and Undertake Enclosed.	Enclosed.	Yes
10.7	Undertaking that if any claim is raised by the Concessionaire / contractor then the same has to be paid by the applicant.	Yes and Undertake Enclosed.	Enclosed.	Yes
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration.	Yes and Undertake Enclosed.	Enclosed.	Yes (if applicable)

The Right of the way (ROW) of the National Highway available at the proposed location from the center line of divided carriageway is 45 M (from center of ROW to edge of ROW towards proposed utility) The above particulars along with the drawings and documents have been verified and certified as per prevailing site conditions.

 S.R.S. Chandhok Superintendent Engineer S.R.S. Division, Jaipur of India	 Project Director NHAI, Dhenkanal Odisha	[Name Designation and signature of concerned field authority of NHAI/PWD/BRO]
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 National Highway Unit-Dhenkanal
 Project Director
 National Highways Authority of India
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 न.का.३., देकानाल/प.उ., दhenkanal