



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 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

दूरभाष / Ph.: 0674 - 2361470/ 570/670 (का/ओ), फैक्स / Fax : +91-674-2361770

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



NHAI/13011/54/RO/OD/1585/2023

17.05.2023

To

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

Sub: Rehabilitation and Upgradation of Four Lining of Brijbahahal – Telebani Section, Km.414.000 to Km.491.710 (Design Chainage Km.414.982 to Km.493.300) of NH-6 (New NH-49) in the State of Odisha under NHDP-IV on Hybrid Annuity Mode – Execution of Individual Rural pipe water supply project (Bid No. EIC/RWS&S/57/2018-19) pertaining to Deogarh District PWS to 38 nos. GPS under Reamal & Barkote Block – Submission of revised proposal for ROW approval for laying of Water pipeline from Ch.Km.430+120 to Ch.Km.465+100, (L.H.S - 3.1 Km & R.H.S - 4.25 Km) with total as 7.35 Km along the road within the Utility Corridor & 16 numbers of crossings across the road of NH-6 - Reg

Ref: PD, PIU- Rourkela letter No. 715 dated 12.05.2023

Sir,

Please find enclosed herewith a proposal of Executive Engineer, RWS&S Division, Deogarh for laying of Water pipeline from Ch.Km.430+120 to Ch.Km.465+100, (L.H.S - 3.1 Km & R.H.S - 4.25 Km) with total as 7.35 Km along the road within the Utility Corridor & 16 numbers of crossings across the road of NH-6 Deogarh District. The details are as under:

Sl No.	Description	Chainage		Dia of DI Pipe (in mm)	Dia of HDPE Pipe (in MM)	Side (LHS / RHS)
		From (km.)	To (km.)			
1.	Along	430+120	430+220	-	110	RHS
2.		430+120	430+220	-	90	LHS
3.		432+770	432+900	-	125	RHS
4.		432+770	432+900	-	110	LHS
5.		432+900	432+970	-	140	RHS
6.		432+900	432+970	-	110	LHS
7.		435+600	435+925	200	-	RHS
8.		435+925	436+000	200	-	RHS
9.		435+600	436+000	-	90	LHS
10.		455+000	455+400	250	-	RHS
11.		455+000	455+400	-	140	LHS
12.		455+700	456+700	250	-	RHS
13.		455+700	456+700	-	160	LHS
14.		459+000	459+213	250	-	RHS
15.		459+213	460+000	200	-	RHS
16.		461+600	462+650	200	-	RHS
17.		462+650	463+550	-	90	LHS
18.		465+000	465+100	150	-	RHS
19.		465+000	465+100	-	200	LHS

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The details of crossings are as under:

Sl No.	Chainage	Location	Diameter of DI in mm	Dia of HDPE pipe mm
1.	Km 432+930	Golabandha	-	25
2.	Km 435+790	Bamparada	-	200
3.	Km 440+080	Khadinali	200	-
4.	Km 440+110	Khadinali	100	-
5.	Km 440+240	Kalla	-	160
6.	Km 445+07	Bahadaposi	-	90
7.	Km-448+320	Barkote	300	-
8.	Km 453+870	Panchamahahal	150	-
9.	Km 456+200	Kaunsibahal	-	160
10.	Km 458+930	Samarkhai	100	-
11.	Km 459+450	Samarkhai	-	90
12.	km 460+600	Kandhal	200	-
13.	Km 461+275	Ballam	-	90
14.	Km 462+105	Ballam		90
15.	Km 462+950	Shasan	-	125
16.	Km 465+050	Chhuriabahal	200 & 150	-

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,

Abinash
17.05.2023

(Abinash Behera)
Dy. 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)



क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

301 - ए, तीसरी मंजिल, पाल हाईट्स, प्लॉट नं जे/ 7, जयदेव विहार, भुवनेश्वर - 751013, ओडिशा
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NHAI/13011/54/RO/OD/ 1584 /2023

17.05.2023

INVITATION OF PUBLIC COMMENTS

Sub: Rehabilitation and Upgradation of Four laning of Binjabahal – Telebani Section, Km.414.000 to Km.491.710 (Design Chainage Km.414.982 to Km.493.300) of NH-6 (New NH-49) in the State of Odisha under NHDP-IV on Hybrid Annuity Mode – Execution of Individual Rural pipe water supply project (Bid No. EIC/RWS&S/57/2018-19) pertaining to Deogarh District PWS to 38 nos. GPS under Reamal & Barkote Block – Submission of revised proposal for ROW approval for laying of Water pipeline from Ch.Km.430+120 to Ch.Km.465+100, (L.H.S - 3.1 Km & R.H.S - 4.25 Km) with total as 7.35 Km along the road within the Utility Corridor & 16 numbers of crossings across the road of NH-6 - Reg

Executive Engineer, RWS&S Division, Deogarh has submitted a proposal for laying of Water pipeline from Ch.Km.430+120 to Ch.Km.465+100, (L.H.S - 3.1 Km & R.H.S - 4.25 Km) with total as 7.35 Km along the road within the Utility Corridor & 16 numbers of crossings across the road of NH-6 Deogarh District. The details are as under:

Sl No.	Description	Chainage		Dia of DI Pipe (In mm)	Dia of HDPE Pipe (in MM)	Side (LHS / RHS)
		From (km.)	To (km.)			
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6.		432+900	432+970	-	110	LHS
7.		435+600	435+025	200	-	RHS
8.		435+625	436+000	200	-	RHS
9.		435+600	436+000	-	90	LHS
10.		455+000	455+400	250	-	RHS
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10.	Km 458+930	Samarkhai	100	-
11.	Km 459+450	Samarkhai	-	90
12.	km 460+600	Kandhal	200	-
13.	Km 461+275	Ballam	-	90
14.	Km 462+105	Ballam	-	90
15.	Km 462+050	Chagan	-	125
16.	Km 465+050	Chhuriabahal	200 & 150	-

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".


(Abinash Behera)
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 Executive Engineer for processing the proposal for laying of Water Supply Pipelines in the land along NHAI.

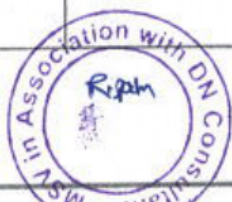
Relevant Circulars

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/I/86 -DOI (ii) dated 28.07.1993
5. Ministry Circular no. RW/NH-11037/I/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- 34066/07/2003 S&R (B) dated 17.09.2003

Check list for getting approval for laying of Water Supply Pipe Lines on NHAI land NH-6

(New NH-49)

NO	ITEM	INFORMATION/STATUS	REMARKS																																																																								
1	General Information	Laying Utility service pipelines of Mega PWS scheme to 50 G.P's of Barkote 24 GP's and Reamal 26 G.P's under Deogarh district.																																																																									
1.1	Name & Address of the Applicant	The Executive Engineer, RWS&S Division, College Road, Deogarh-768108, Odisha.																																																																									
1.2	National Highway Number	NH-6 (New NH -49)																																																																									
1.3	State	Odisha																																																																									
1.4	Location	CH 430+120 TO 465+100 (THIANAL TO CHHURIABAHAL)																																																																									
1.5	Chainage in Km	<p style="text-align: center;">ALONG THE ROAD</p> <table> <tr> <th>From CH.</th><th>To CH.</th><th>Side</th><th>Distance in km.</th></tr> <tr><td>430+120</td><td>430+220</td><td>RHS</td><td>0.100</td></tr> <tr><td>430+120</td><td>430+220</td><td>LHS</td><td>0.100</td></tr> <tr><td>432+770</td><td>432+900</td><td>RHS</td><td>0.130</td></tr> <tr><td>432+770</td><td>432+900</td><td>LHS</td><td>0.130</td></tr> <tr><td>432+900</td><td>432+970</td><td>RHS</td><td>0.070</td></tr> <tr><td>432+900</td><td>432+970</td><td>LHS</td><td>0.070</td></tr> <tr><td>435+600</td><td>435+925</td><td>RHS</td><td>0.325</td></tr> <tr><td>435+925</td><td>436+000</td><td>RHS</td><td>0.075</td></tr> <tr><td>435+600</td><td>436+000</td><td>LHS</td><td>0.400</td></tr> <tr><td>455+000</td><td>455+400</td><td>RHS</td><td>0.400</td></tr> <tr><td>455+000</td><td>455+400</td><td>LHS</td><td>0.400</td></tr> <tr><td>455+700</td><td>456+700</td><td>RHS</td><td>1.000</td></tr> <tr><td>455+700</td><td>456+700</td><td>LHS</td><td>1.000</td></tr> <tr><td>459+000</td><td>459+213</td><td>RHS</td><td>0.213</td></tr> <tr><td>459+213</td><td>460+000</td><td>RHS</td><td>0.787</td></tr> <tr><td>461+600</td><td>462+650</td><td>RHS</td><td>1.050</td></tr> <tr><td>462+650</td><td>463+550</td><td>LHS</td><td>0.900</td></tr> </table>	From CH.	To CH.	Side	Distance in km.	430+120	430+220	RHS	0.100	430+120	430+220	LHS	0.100	432+770	432+900	RHS	0.130	432+770	432+900	LHS	0.130	432+900	432+970	RHS	0.070	432+900	432+970	LHS	0.070	435+600	435+925	RHS	0.325	435+925	436+000	RHS	0.075	435+600	436+000	LHS	0.400	455+000	455+400	RHS	0.400	455+000	455+400	LHS	0.400	455+700	456+700	RHS	1.000	455+700	456+700	LHS	1.000	459+000	459+213	RHS	0.213	459+213	460+000	RHS	0.787	461+600	462+650	RHS	1.050	462+650	463+550	LHS	0.900	
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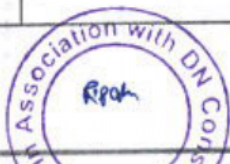


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Executive Engineer
RWS & S Division

परियोजना निर्देशक
PROJECT DIRECTOR
राज्य राजमार्ग प्राधिकरण
National Highways Authority of India
केन्द्रीय/PIU - के

		465+000 465+100 RHS 0.100 465+000 465+100 LHS 0.100	
1.6	Length in Meters	4250M (Along R.H.S) + 3100M (Along L.H.S) + 270M (Crossing=45 M x 6 no's from L.H.S to R.H.S) + 450M (Crossing= 45M x 10 no's from R.H.S to L.H.S)	7350M along the road , <u>720M</u> across the road
1.7	Width of available ROW	45m (In General)	
	(a) Left side from center line towards increasing/decreasing chainage / KM direction	22.5 m from center line	
	(b) Right side center from line towards increasing/decreasing chainage / Km direction	22.5 m from center line	
1.8	Proposal to lay pipe line	Laying Utility service pipelines (DI/HDPE) of Mega PWS of various pipe sizes ranging from max dia 400mm to min dia 90mm.	
	(a) Left side from center line towards increasing/decreasing chainage / KM direction	Ch.Km 430+120 to 430+220 (Rajamunda), Ch.Km 432+770 to 432+900 (Golabandha), Ch.Km 432+900 to 432+970 (Golabandha), Ch.Km 435+600 to 436+000 (Bamparada), Ch.455+000 to 455+400 (Panchmahal), Ch.455+700 to 456+700 (Kaunsibahal), Ch. 462+650 to 463+550 (Ballam), Ch. 465+000 to 465+100 (Chhuriabahal)	
	(b) Right side center from line towards increasing/decreasing chainage / Km direction	Ch.Km 430+120 to 430+220 (Rajamunda), Ch.Km 432+770 to 432+900 (Golabandha), Ch.Km 432+900 to 432+970 (Golabandha), Ch.Km 435+600 to 435+925 (Bamparada), Ch.Km 435+925 to 436+000(Bamparada), Ch.455+000 to 455+400 (Panchmahal), Ch.455+700 to 456+700 (Kaunsibahal), Ch. 459+000 to 459+213 (Chandankhunti), Ch.461+600 to 462+650 (Kandhal), Ch. 465+000 to 465+100 (Chhuriabahal)	
1.9	Proposal to acquire land	NA	
	(a)Left side from center line	No	
	(b)Right side from center line	No	
1.10	Whether proposal is in the same side where land is not to be acquired	NA	
	If not then where to lay the RWS&S Pipeline	In the Utility corridor of NHAI ROW	
1.11	Details of already laid services,	Yes, existing laid service are considered in the	



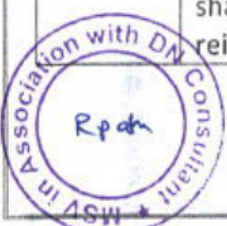
Engineer
NHAI, PIU - Keonjhar.

9/11

Executive Engineer
RWS & S Division
NHAI, PIU - Keonjhar.

	if any along the proposed route	cross sectional drawings & documents attached	
1.12	Number of lanes (2/4/6/8 lane) existing	Existing 4 Lanes	
1.13	Proposed number of lanes (2/4/6/8 lanes) with paved shoulders	NA	
1.14	Service road existing or not, if yes which side	Yes	
	(a) Left side from center line	Existing service road details attached in annexure	
	(b) Right side from center line	Existing service road details attached in annexure	
1.15	Proposed service road	NA	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay water supply pipe line is after service road or between the service road and main carriageway	After the service road as per availability of land & direction of NHAI	Detailed drawing attached
1.17	The permission for laying of water supply pipe line shall be considered for approval / rejection based on the Ministry Circulars as above	Yes, Agreed	
	(a) Carrying of sewerage / gas pipelines on highway bridges shall not be permitted as Fumes/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 pipeline on bridges (Undertaking Attached)	
	(b) Carrying of pipe lines on bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternatives and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipelines on independent super structure, support on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the	Yes, agreed for not carrying drinking water pipeline on bridges.	

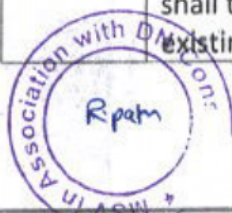
	superstructure of the bridge remains available for inspection and repairs, etc.		
	(c) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities	NA	
	(d) Service are not being allowed indiscriminately on the 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 crossing 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 owning the line	Yes, 16 No of crossings involved, and they shall be encased with MS casing pipes of Max 600 dia(As per attached drawings) at our cost for each crossing location.	
	(a) Existing drainage structures shall not be allowed to carry the lines	Yes, Agreed to comply	If drains are affected HDD technology will be adopted with casing pipe
	(c) Is it on a line normal to NH	Yes	
	(c) Crossing shall not be too near the existing structure on the national highway, the minimum distance being 15 meter, what is the distance from the existing structures.	Distance from the nearest existing structures is beyond 15m.	
	(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	Agreed, encasing pipe is made of Mild steel of various sizes as per attached drawings and documents.	



Site Engineer
PIU - Keonjhar,

Executive Engineer
RWS & S Division

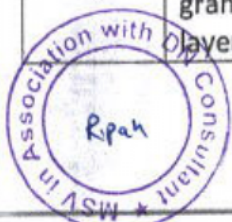
	and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable		
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as drainage path	Agreed to comply	
	(f) The casing /conduit pipe should as minimum extend from drain to drain in cuts and toe of slope in the fills	Agreed to comply	
	(g) The top of the casing/conduit pipes should be at least 1.2 mtr below the surface of the road subject to being at least 0.3 mtr below the drain inverts	Agreed to comply	
	(h) Crossing shall be by boring method (HDD) specially where the existing roads pavement is of cement concrete or dense bituminous concrete type	Yes Agreed, crossing will be done by HDD or Jack pushing 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	
2.0	Document / Drawing enclosed with the proposal	Yes, drawings, documents are enclosed.	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2 mtr deep x 0.3 mtr wide)	Not normal size but as per attached drawings.	
2.1(i)	Should not be greater than 60 Cm 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 mtr from the center lines of the nearest carriageway	Yes, agreed to comply	
2.1(iii)	Shall not be permitted to run along the National Highways when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges	Yes, agreed to comply	



Site Engineer
Keonjhar.

Executive Engineer

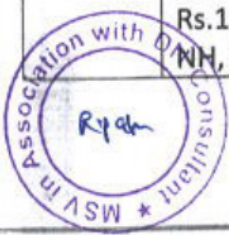
2.1(iv)	These should be so laid that their top is at least 0.6 mtr below the ground level so as not to obstruct drainage of the road land	Yes, agreed to comply	
2.2	Cross Section showing the size of pit and location of cable for HDD method	Yes, Submitted and incorporated in the drawing and attached pipeline methodology	
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 milestone, intersection. Cross drainage works, etc.	Yes, Submitted showing all desired details in the drawings	
2.4	Methodology for laying of showing Water Supply Pipe Line	Yes, Submitted	
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 of refilling of trench	Yes, open trenching allowed as per submitted methodology at specific locations as per available ROW statement & attached drawings, further compliance by RWS&S as per MoRTH/IRC guidelines and NHAI instructions for such site requirement.	
2.4.1(a)	The trench width should be at least 30 Cm, but not more than 60 Cm wider than the outer diameter of the pipe	Yes, agreed to comply	
2.4.1(b)	For filling of the trench, Bedding shall be to a depth of not less than 30 Cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. On suitable soil rock edged should be excavated and replace by selected material.	Yes, agreed to comply	
2.4.1(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	
2.4.1(d)	The side fill shall consist of granular material laid in 15 Cm layers each consolidated by	Yes, agreed to comply	



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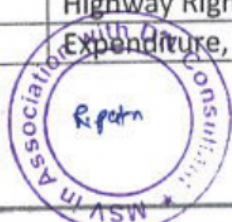
	mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same Density as the material that had been removed. Consolidation by saturation ponding will not be permitted.		
2.4.1(e)	The road crust shall be built to the same strength as 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	
2.4.1(f)	The excavation shall be protected by flagman, sign and barricades and red lights during night hours	Yes, agreed to comply	
2.4.1(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 Direction Drilling (HDD) Method	Yes, HDD Method or Jack pushing method will be followed as per submitted methodology at specific location as per enclosed attachment & further compliance by RWS&S as per MoRTH/IRC guidelines and NHAI instructions for such site requirement	
2.4.3	Laying Water Supply Pipe line through CD works and method of laying	At all CD work locations HDD/Jack pushing methodology will be adopted.	
2.4.3(a)	On approaches, the water main/cables shall be carried along a line as close to the edge of the right-of way as possible up to a distance of 30 mtr from the bridge and subject to all other stipulations contained in this ministry's guideline 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, submitted	
4.0	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	Yes Agreed, for submission of performance BG as per latest MORTH/NHAI guidance when asked by NHAI.	




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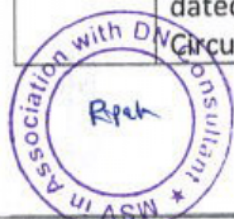
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RWS & S Division
DEOGARH

	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 50 mtr away from the edge of the Right of Way. No payment shall be payable by the NHAI to the license for clearing debris / loose earth		
4.1	Performance BG as per above is to be obtained	BG Will be submitted after technical clearance From RO NHAI and when intimated by NHAI.	
4.2	Conformation of BG has been obtained as per NHAI guidelines	Yes will be obtained after submission of BG.	
	Affidavit / Undertaking from the Applicant for	Yes Agreed to comply & undertaking Enclosed.	
5.1	Not to damage to other utility, if damage then to pay losses either to NHAI or to the concerned agency	Yes Agreed to comply & undertaking Enclosed.	
5.2	Renewal of Bank Guarantee	Yes Agreed to comply & undertaking Enclosed.	
5.3	Conforming all standard condition of NHAI's guidelines	Yes Agreed to comply & undertaking Enclosed.	
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost	Yes Agreed to comply & undertaking Enclosed.	
5.5	Shifting due to 6 lane / widening of NH	Yes Agreed to comply & undertaking Enclosed.	
5.6	Indemnity against all damages and claims clauses (xxiv)	Yes Agreed to comply & undertaking Enclosed.	
5.7	Traffic movement during laying of water supply pipe line to be managed by the applicant	Yes Agreed to comply & undertaking Enclosed.	
5.8	If any claims is raised by the concessionaire then the same has to be paid by the applicant	Yes Agreed to comply & undertaking Enclosed.	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation , shifting or repairs, or alteration to the showing water supply pipe line located in the National Highway Right of Ways	Yes Agreed to comply & undertaking Enclosed.	
5.10	Expenditure, if any, incurred by	Yes Agreed to comply & undertaking Enclosed.	



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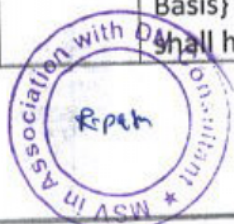
	NHAI for repairing any damage caused to the national Highway by the laying, maintenance or shifting of the water Supply pipe line will be borne by the agency owing the line		
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes Agreed to comply & undertaking Enclosed.	
12	Certificate from the applicant in the following format	Yes Agreed to comply & undertaking Enclosed.	
12 (i)	Laying of Water Supply pipe line will not have any deleterious effect on any of the bridge components and roadway safety for traffic.	Yes Agreed to comply & undertaking Enclosed.	
5.12 (ii)	For 6- laning "we do undertake that, I will relocate service road/ approach road/utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI" for 6-lanning or any other development"	Yes Agreed to comply & undertaking Enclosed.	
	Who will sign the agreement on behalf of Water Supply pipe line agency.	The Executive Engineer, RWS&S Division, Deogarh, At College road, P.O – Deogarh Dist.- Deogarh. Pin-768108.	
7	Certificate from the Project Director	Enclosed	
7.1	Certificate for conforming of all standard condition issued by Ministry Circular No. Ministry Circular no.NH-41(58)68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No.RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No.RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No.RW/NH/-	Yes, Attached	



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Executive Engineer
RWS & S Division
Deogarh

	11037/1/86/DOI dated 19.1.1995, Ministry Circular no. RW/NH/-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH/34066/7/2003 S&R (B) dated 17.9.2003		
7.2	Certificate from PD in the following format	Yes, Attached	
7.2 (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."	Yes, Attached	
7.2 (ii)	For 6-laning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed 6 lining based on the feasibility report considering proposed structure at the said location".	NA	
7.2 (ii)	(h) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed 6- laning".	NA	
8	If NH section proposed to be taken up by NHA on BOT basis a clause 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 there of, the licensee shall honor the same".	NA	



Site Engineer
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9/2

Executive Engineer
RWS & S Division
DEOGARH

9	Who will supervise the work of laying of Water Supply pipe Line	Universal MEP Project and Engineering Services Limited, C/O Asit Kumar Sahoo, Patrasahi, Deogarh -768108, Dist- Deogarh, Odisha. Email: pvenkateswararao@umpesl.com Contact: +91 8074073068	
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	Executive Engineer, RWS&S Deogarh, At College road, PO- Deogarh, Pin-768108 and Universal MEP Project and Engineering Services Limited, C/O Asit Kumar Sahoo, Patrasahi, Deogarh -768108, Dist- Deogarh, Odisha. Email: pvenkateswararao@umpesl.com Contact: +91 8074073068	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the concessionaire	Executive Engineer, RWS&S Deogarh, At College road, PO-Deogarh, Pin-/768108	
12	A Certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed)	Yes, Attached	
13	If any previous approval is accorded for laying of underground water Supply Pipe line then then photocopy of register of records of the permission accorded as maintained by PD then copy be enclosed	Attached	



[Signature]
Executive Engineer
RWS & S Division
DEOGARH

[Signature]
परियोजना निर्देशक
PROJECT DIRECTOR
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.का.इ, केन्दुझर / PIU - Keonjhar.

[Signature]
Site Engineer
PIU - Keonjhar.



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 कार्यान्वयन इकाई, केन्दुझर / Project Implementation Unit, Keonjhar
बडदेरा, मण्डुआ, केन्दुझर- 758014, ओडिशा / Badadera, Mandua, Keonjhar- 758014, Odisha
दूरभाष / Ph: 06766-253295

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



NHAI/NH-6/BT/PKG-III/PIU/KJR/715

Dated 12.05.2023

To

The Regional Officer,
National Highways Authority of India,
Regional Office, 301-A, 3rd Floor,
Pal Heights, Plot No. J/7,
Jayadev Vihar, Bhubaneswar - 13.

Sub: Rehabilitation and Up gradation to 4-Laning of Binjabahal to Telibani Section from Km 414.000 to Km.491.710 (Design chainage from (Km414.982 to Km 493.300) of NH-6 (New NH-49) in the state of Odisha under NHDP Phase-IV on Hybrid Annuity Mode - Execution of Individual Rural pipe water supply project (Bid No. EIC/RWS&S/57/2018-19) pertaining to Deogarh District PWS to 38 nos. GPS under Reamal & Barkote Block - Submission of revised proposal for ROW approval for laying of Water pipeline from Ch.Km.430+120 to Ch.Km.465+100, (L.H.S - 3.1 Km & R.H.S - 4.25 Km) with total as 7.35 Km along the road within the Utility Corridor & 16 numbers of crossings across the road of NH-6 - reg.

- Ref.:**
1. The Executive Engineer, RWS & S Division, Deogarh letter No. 139 dated 12.02.2021
 2. This office letter No.274, dated 26.02.2021
 3. This office letter No. 472 dated 01.04.2022
 4. The Executive Engineer, RWS & S Division, Deogarh letter No. 718 dated 19.05.2022
 5. The Executive Engineer, RWS & S Division, Deogarh letter No. 396, dated 29.03.2022
 6. This office letter No. 479 dated 05.04.2022
 7. This office letter No.1014 dated 29.06.2022
 8. IE letter No. 1389, dated.01.07.2022
 9. This Office letter No. 1152 dated 20.07.2022
 10. RO, Odisha letter No. 2868 dated 12.09.2022
 11. This Office letter No. 1458 dated 12.09.2022
 12. The Executive Engineer, RWS & S Division, Deogarh letter no. 353 dated 09.03.2023
 13. This Office letter No. 431 dated 16.03.2023
 14. Independent Engineer, M/s. MSV International Inc.in association with DN Consultant, Deogarh letter No. 022 dated 06.04.2023
 15. This Office letter No. 664 dated 04.05.2023
 - 16.Independent Engineer, M/s. MSV International Inc. in association with DN Consultant, Deogarh letter No. 027 dated 09.05.2023

Sir,

In reference to RO, NHAI, Odisha letter No.2868 dated 12.09.2022, and this office letter no. 1458 dated 12.09.2022, the applicant has submitted compliance vide their letter No. 353 dated 09.03.2023 enclosing there-in the revised documents and drawings to the observations raised by RO, Odisha.

The revised proposal has been referred to the Independent Engineer for the subject project, M/s. MSV International Inc.in association with DN Consultant, Deogarh vide this office letter No. 431 dated 16.03.2023 with the request to verify the said proposal and the acceptability/ suitability/ infringement of our four laning scheme with the proposed for laying of Water pipeline from Ch.Km.430+120 to Ch.Km.465+100, (L.H.S - 3.1 Km & R.H.S - 4.25 Km) with total as 7.35 Km along the road within the Utility Corridor & 16 numbers of crossings across

the road of NH-6 Deogarh District may be expeditiously examined in accordance with guideline for accommodation of public and industrial utility services along and across National Highways issued by MoRTH vide No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 & RW/NH-37011/52/2020 - BP&SP dated 15.01.2021 and submit comments / recommendation considering present site conditions and Joint Inspection and report thereof may be submitted along with the proposal in original duly signed checklist & drawing for further processing.

The IE has submitted his comments / recommendation on the proposal vide letter no 027 dated 09.05.2023 stating therein that the proposal is found to be in order and is fulfilling NHAI / MoRTH Standards & specifications (Copy enclosed).

Hence, the proposal is hereby processed with information details as follows:

1. The draft agreement as per MoRTH guideline is enclosed with the proposal.
2. Check list required as per NHAI circular no. NHAI/CM/Misc/2009/463 dt 20.04.2009 is enclosed with the proposal.
3. Along with the proposal, the agency has submitted desired undertakings.
4. Certificate of the PD confirming of all standard condition is enclosed.
5. Certificate of the PD that any other location of the Slurry pipelines would be extremely difficult & unreasonably costly & the installation of the proposed line across/within ROW will not have any adverse effect on the design, stability and traffic safety of the highway or on any future improvements is enclosed.
6. Letter of the Independent Engineer for the subject project is enclosed herewith.
7. Technical Specifications & Methodology Statement of work is also attached with the proposal.
8. Alignment drawings & cross sections for the whole stretch for the above work are enclosed.
9. Calculations for utilized NH land area & license fees, Performance Bank Guarantee, Bench Mark Valuation reports from District Sub-Register Office, yet to be obtained.
10. Performance BG, in favour of NHAI will be obtained from the Department after the principal approval of Competent Authority of NHAI before signing of the agreement as per MoRTH circular No.NH-12037/24/2012/SAEDP-NEdt.29.06.2012& RW/NH-33044/29/2005-S&R (R) dt. 22.11.2016.
11. As per MoRTH circular no. RW/NH-33044/29/2005-S&R(R) dt.22.11.2016, requisite licence fees will be taken from the Department before signing on the agreement.

In view of above, this proposal for laying of Water pipeline from Ch.Km.430+120 to Ch.Km.465+100, (L.H.S - 3.1 Km & R.H.S - 4.25 Km) with total as 7.35 Km along the road within the Utility Corridor & 16 numbers of crossings across the road of NH-6 Deogarh District across the road of NH-6 (New NH-49) of Binjabahal to Telibani Section in Deogarh District excluding forest stretches where the applicant shall obtain clearance from MoEF, is recommended herewith for approval of the Competent Authority.

Encl: As above

Yours faithfully,



(Mahesh Gami)
Project Director

Copy to:

1. The Executive Engineer, RWS&S Division, Deogarh for kind information.
2. Independent Engineer, M/s. MSV International Inc. association with DN Consultant, Deogarh for information.
3. The Authorized Signatory, M/s Binjabahal to Teleibani section (Km 414+000 to Km 491+710) of NH-6 (New NH-49) Highway Pvt. Ltd, Deogarh for information.