



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road, Transport and Highways, Government of India)

परियोजना कार्यान्वयन, इकाई. सोलापूर (महाराष्ट्र)

Project Implementation Unit. Solapur (Maharashtra)

कार्यालय : पुणे सोलापूर महामार्गाला लागून, मौजे बाळे, जिल्हा-सोलापूर-४१३२२५ (महाराष्ट्र)

Office : Adjacent to Pune-Solapur Highway, Mauje Bale, Dist.Solapur-413255, Maharashtra.

Ph.No. 0217-2303379 * ई-मेल/Email : solapur@nhai.org * वेब /Web : https://nhai.gov.in



No.: NHAI/PIU/SLP/NH-9/OFC Cable/2024-25/ 20

Date: 01.04.2025

INVITATION OF PUBLIC COMMENTS

Sub.: Four laning of Solapur-Maharashtra/Karnataka Border Section of NH 9 from Km. 249/000 to Km. 348/800 to be executed on BOT (Toll) Basis in the State of Maharashtra under NHDP Phase-III -Permission for laying and crossing 600mm Dia DI K-7 pipeline from Ch. 321.700 to 327.600 KM (Balsur village road to Umerga bypass road) and crossing pipeline at Ch. No.321.700 for water supply to Umerga city Dist. Dharashiv on the Project Highway section of NH-9 - Reg.

Sir

1. The Chief Officer Omerga has submitted for laying and crossing 600mm Dia DI K-7 pipeline from Ch. 321.700 to 327.600 KM (Balsur village road to Umerga bypass road) and crossing pipeline at Ch. No.321.700 for water supply to Umerga city Dist. Dharashiv on the Project Highway section of NH-9 in the State of Maharashtra.
2. As per the guidelines, issued by the Ministry vide OM No. RW /NH-33044/29/2015/ S&R(R) dated 22.11.2016, the application shall be put out 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, comments of the public on the above application are invited to below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

The Project Director

National Highways Authority of India
Project Implementation Unit, Solapur
adjacent to Pune Solapur Highway at Bale,
Dist. Solapur. -413255- Maharashtra.

Thanking you,

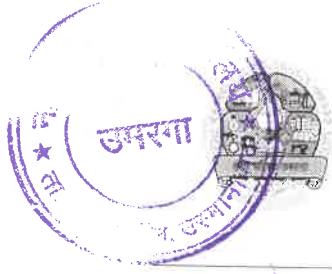
भवदीय
(11.4.25)

(राकेश जवादे)

महाप्रबंधक (त) तथा परियोजना निदेशक,
भा.रा.रा.प्रा., इकाई. सोलापूर.

Copy to:-

- i. CGM (Tech) RO Mumbai for information please.
- ii. Master file.



4731

Municipal Council Umerga

Tq.Umerga Dist.Dharashiv



Website: www.umargamahaulb.maharashtra.gov.in Phone. 02475-252023

Toll Free No. 18002331156

Email : npomerga@gmail.com

O.No.N.P.U./W.S/2038/2025

Date : 28/01/2025

To,

Project Director,

National Highway Authority of India,

Solapur-413004.

Subject:- Permission for laying and crossing 600 mm Dia DI K-7 pipeline from Ch.321.700 to 327.600 Km (Balsur village road to Omerga bypass road) and crossing pipeline at CH. 321.700 for water supply to Omerga City Dist Dharashiv on the project highway section no NH 09.

Reference:- 1. Government of Maharashtra, urban development department, general resolution no. अमृत-२०२४/प्र.क्र.२२२/नवि-३३ दिनांक १५/०३/२०२४.

2. M.C.Umerga letter noMCU/WS/4419/2024 Date 29/11/2024.

3. Your letter no.NHA/PIU/SLp/NH-09/IE/2024/3614 Date 13/01/2025.

Respected Sir,

With reference to above Cited Subject, our office had submitted the permission proposal for pipeline laying of 600.0 mm DI K-7 and 400 mm DI K-7 Pipeline along National highway no.09 from Chainage 321.700 to 327.600 Km (Balsur village road to Umerga bypass road) and crossing pipeline at Chainage no. 321.700 (At Balsur village road) along NH 09 proposal as per reference no.02. In this matter the combined visit is arranged from your side as on 03/12/2024 and you have raise some technical points for further procedures for laying proposal.

So we Cleared all Technical points raised as per the your letter reference no.3. these points is as follows.

Sr.no	Raised Point	Solution.														
1	<p>In the submitted proposal the ROW of the project highway is shown 60 Mtr from Ch.321+700 to Ch.327+600 As per CA the ROW of the project highway is varying and same is Tabulated below.</p> <table><tr><th colspan="2">Chainage</th><th rowspan="2">Available ROW</th></tr><tr><th>From</th><th>To</th></tr><tr><td>321+700</td><td>322+478</td><td>60 M</td></tr><tr><td>322+478</td><td>323+145</td><td>50M</td></tr><tr><td>323+145</td><td>327+600</td><td>60M</td></tr></table>	Chainage		Available ROW	From	To	321+700	322+478	60 M	322+478	323+145	50M	323+145	327+600	60M	<p>In the revised proposal ROW is taken as shown in the Table.</p>
Chainage		Available ROW														
From	To															
321+700	322+478	60 M														
322+478	323+145	50M														
323+145	327+600	60M														
2	<p>In the submitted proposal, width of the service road is not mentioned, it is</p>	<p>In the revised proposal, width of the service road is mentioned.</p>														



Municipal Council Umerga

Tq. Umerga Dist. Dharashiv



Website: www.umargamahaulb.maharashtra.gov.in Phone. 02475-252023

Toll Free No. 18002331156

Email : npomerga@gmail.com

P.U./W.S/4419/2024

Date : 29/11/2024

To
Project Director,
National Highway Authority of India,
Solapur-413004.

Subject:- Laying and Crossing of 600.00 mm Dia DI K-7 Pipeline For Supply of Water to Umerga City, District Dharashiv.

Reference:-१. Government of Maharashtra, urban development department, general resolution no. अमृत-२०२४/प्र.क्र.२२२/नवि-३३ दिनांक १५/०३/२०२४.

Respected Sir,

With reference to above Cited Subject, Govt. of Maharashtra sanctioned the Water supply scheme for Umerga city under Amrut 2.0 Abhiyan. In Amrut 2.0 Water supply scheme of Umerga city there is 600.0 mm DI K-7 and 400 mm DI K-7 Pipe line is proposed from lower terna makni Dam to Umerga City. in that pipeline work requires laying of pipeline along National highway no.65 from Chainage 321.700 to 327.600 Km (Balsur village road to Umerga bypass road) and crossing pipeline at Chainage no. 321.700 (At Balsur village road) as per details Attached in proposal.

At the the time of bridge construction of National highway, the existing pipeline of municipal council is Shifted and replaced with new HDPE pipeline by NHAI, but replaced new pipeline is breaking/damaging again and again, due to this occurs discontinuity in the water supply of Umerga city, and due to this there is scarcity of water in the Umerga City.

Due to Water Scarcity in Umerga city, there is Urgency to lay the proposed DI pipeline along the National highway, so we request you to grant the proposal of Laying the Pipeline Along the road and road crossing permission expeditiously.

Thanking You

Yours Faithfully

Chief officer

Municipal Council Umerga

ANNEXURE 1

Checklist for Getting Approval for laying and Crossing Pipeline On NH 09 Highway.

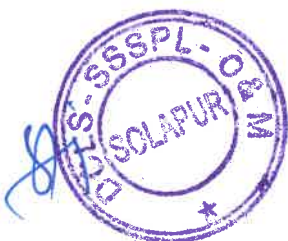
CHECK LIST

Guidelines for Project Directors for processing the proposal for Laying water pipe line in the land Across national Highway Vested with NHAI.

- Relevant Circulars
1. Ministry circular no.HN-III/p/66/76 Dated 18/19-11-1976.
 2. Ministry circular no.RW/NJ-111/P/66/76 Dated 01-05-1982.
 3. Ministry circular no.RW/NH/-11037/1/86-DOI(II) Dated 28-07-1993.
 4. Ministry circular no.RW/NH/-11067/1/86-DOI Dated 19-01-1995.
 5. Ministry circular no.RW/NH/-34066/2/95/S&S Dated 25-10-1999.
 6. Ministry circular no.RW/NH/-34066/7/2003 S&R Dated 17-09-2003.

CHECK LIST FOR GETTING APPROVAL FOR LAYING OF WATER PIPELINE ON NH LAND

Sr.No.	Item	Information/Status	Remarks
1	General Informatoin	Permission for Laying of Water pipeline from Chainage 321.700 to 327.600 along across at 321.700	---
1.1	Name and Adress of the applicant	Chief Officer Municipal Council Umerga, Near Court, Umerga Dist Dharashiv.	
1.2	National Highway Number	NH 09	
1.3	State	Maharashtra	
1.4	Location	Chainage 321.700 to 327.600 along and and across at 321.700 Or NH 9	
1.5	Chainage in Km	Chainage 321.700 to 327.600 along and and across at 321.700	
1.6	Length in Meters	5900 meters along Pune Hyderabad National highway right side of the road and for crossing 60.0 meter Total Length = 5.96 Km.	
1.7	Width of Available ROW Of NHAI Land	Existing ROW	
	A.Left side From Centre line(Towards Increasing Chainage/KM direction)	---	
	B.Right side From Centre line (Towards Increasing Chainage/Km Direction)	30.0 Mtr.for Existing road From CH.321.700 to 322.478 , 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to	




Chief Officer
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		327.600	
1.8	Proposal to lay Underground Water pipeline		
	A.Left side from centre line (Towards increasing chainage/ Km Direction)	---	
	B. Right side From Centre line (Towards Increasing Chainage/Km Direction)	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	
1.9	Proposal to Acquire Land	----	
	A.Left side of Centre Line	Nil /	
	B.Right Side of the Centre Line.	Nil /	
1.10	Whether Proposal is in the same side Where Land is not to be Acquired.	In National Highway Land	
	If not then Where to lay the Water Pipeline.	---	
1.11	Details of Already Laid Services, if any, along the proposal route.	---	
1.12	Number of lanes (2/4 or 6/8) existing	4 lane work Completed by NHAI. /	
1.13	Proposed Number of Lanes (2 lane with Paved Shoulders or 4 or 6/8 lanes)	4 /	
1.14	Service Road (Existing or Not) Y/N if Yes, Then which side.	Yes /	
	A.Left Side From Centre Line (Width)	--	
	B.Right Side From Centre Line (Width)	Mtr	
1.15	Proper service Road	--	
	A.Left Side From Centre Line (Width)	---	
	B.Right Side From Centre Line (Width)	Mtr	
1.16	Whether Proposal to lay Water pipeline is Beyond the Service Road of Between the service road and main carriage way.	Beyond the service road	
1.17	The permission of laying of water pipeline shall be considered for approval / rejection based on ministry circulars mentioned as above.	NA	
	A. Carrying of sewage/Gas Pipeline 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 that leakage of gas.	NA	
	B. Carrying of Gas pipeline on Bridges shall also be Discouraged however if the gas 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	Water Pipeline	




Chief Officer
 Municipal Council, Omerga

	carry the pipeline in independent superstructure supported on extended portions of piers and abutment in such a manner that in the final arrangement enough free space Around the super structure of the bridge remains available for inspection and repairs etc.		
	C. Cost of Required Extension of the sub structure as well as that of the supporting super structure shall be borne by the agency in charge of the utilities.	No Structure on the route.(At the Jekekur bridge pipeline should be laying in river and At Chourashta bridge pipeline should be laying beyond the service road.)	
	D. Services are not being allowed indiscriminately on the parapet/any part of the bridge, safety of the bridges has to be kept in view while permitting a various services along bridge. Approvals are to be accorded in this regard with the concurrence of the ministry's project chief engineers only.	No Structure has to be kept in view while laying pipeline. NA	
1.18	If Crossing of road involved, if yes it shall be either encased in pipes or through structure or conduit specially built for the purpose at the expenses of the agency owing the site.		
	A. Existing Drainage Structure shall not be allowed to carry the lines.	Agreed	
	B. Is it on a line normal to NH	Yes	
	C. Crossing shall be too near the existing structure on the national Highway, the minimum distance being 15 meter. What is the distance from the existing structure.	No existence structure	
	D. The casing pipe (or conduit pipe in case of electric cable) carrying the utility line shall be steel, cast iron or reinforced cement concrete and have adequate strength and be large enough to permit ready with drawl of the carrier pipe/cable.	600.0 mm dia. DI K-9 Carrying Water Pipeline Pipeline 1000.0 mm Casing pipeline.	
	E. Ends of the casing / conduit pipe shall be selected from the outside so that it does as a drainage path.	Yes agreed	
	F. The casing/ conduit pipe shall be sealed from drain to in cuts and toe of slope in the fills.	Yes agreed	
	G. The top of the casing / conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain invert.	Yes agreed	
	H. Crossing shall be boring method (HDD) Specially where the existing road pavement is of cement concrete or dense	Yes agreed	



	bituminous concrete type.		
	1. The casing/ conduit pipes shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes agreed ✓	
2	Documents / Drawings Enclosed with the proposal.	Sketch attached ✓	
2.1	Cross section showing the size of the trench for open trenching method (it is normal size of 1.2 deep × 0.3 m wide)	Pipeline will be laid by open trenching. ✓	
	a. Should not be greater than 60.0 Cm Wider than the outer diameter of the pipe		
	b. 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 carriage way.		
	c. Shall not be permitted top run along the national highway when the road formation is situated in double cutting. Nor shall these be laid over existing culverts and bridges.		
	d. These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of road land.		
2.2	Cross section showing the size of pit and location of cable for HDD Method.	Yes Attached in annexure ✓	
2.3	Strip plan / Route plan showing water pipe line, chainage width of ROW, distance of proposed cable from the edge of ROW, important miles stone, intersections, cross drainage works etc.	Yes Attached in annexure ✓	
2.4	Methodology for laying of water pipe line.	By open trenching. ✓	
2.4.1	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, methodology or refilling the trench.	For laying and crossing. ✓	
	A. The trench width should be at least 30.0 cm. but not more than 60.0 cm wider than the outer diameter of the pipe.	Yes ✓	
	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. Unsuitable site and rock edges should be excavated and replaced by selected material.	Yes ✓	
	c. These backfill shall be completed in two stages (i) Side fill to the level of the top of the pipe and	Yes ✓	



	(ii) Overfill to the bottom of the road crust.		
	D. The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tamping and controlled addition of moisture of 90% of the proctor's Density. Over fill shall be compacted to the same density As the material that had been removed. Consolidation by saturation or pending will not be permitted.	Yes ✓	
	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 dip at the trench.	NA ✓	
	F. The excavation shall be protected by flagman, signs and barricades and red lights during the night hours.	Yes ✓	
	G. if required, a diversion shall be constructed at the expense of the agency owning the utility line.	Yes ✓	
2.4.2	Horizontal directional drilling (HDD) method	NA ✓	
2.4.3	Laying of water supply pipe line through CD work and method laying.	Open trenching ✓	
	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 30 m from the bridge and subject to all other stipulation contained in the ministry's guidelines issued with letter no. NH.HI/p/66/76 Dated 19/11/1976	NA ✓	
3	Draft license agreement signed by two witnesses.	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 o 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 executing of trenching at least 50.0 m 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.	BGG shall be deposited by the agency at the time of permission ✓	
4.1	Performance BG as per above is to be obtained.	Yes ✓	
4.2	Confirming of BG has been obtained as per NHAI Guidelines.	Will be obtained after permission of laying and crossing is issued. ✓	
5	Affidavit/Undertaking From the applicant for	Yes obtained and enclosed	
5.1	Not to damage to other utility, if damaged		



	then to pay the losses either to NHAI or to the concerned agency.		
5.2	Renewal of Bank Guarantee	Yes obtained and enclosed ✓	
5.3	Confirming shall standard condition of NHAI's Guidelines	Yes obtained and enclosed ✓	
5.4	Shifting to water pipelines as and when required by NHAI at their own cost.	Yes obtained and enclosed	
5.5	Shifting due to 6 lanning/ widening of Nh	Yes obtained and enclosed ✓	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes obtained and enclosed	
5.7	Traffic Movement during laying of water pipeline to be managed by the applicant.	Yes binding and undertaking obtained ✓	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes binding and undertaking obtained ✓	
5.9	Prior approved of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs of alteration to the showing water pipe line located in the national highway right off ways.	Yes binding and undertaking obtained ✓	
5.10	Expenditure, if any incurred by NHAI for repairing any damage cause to the national Highway by the laying, maintenance or shifting of the water pipe line will be borne by the agency owning the line.	Yes binding and undertaking obtained ✓	
5.11	If the NHAI consider it necessary in future to move the utility line for any work of improvement or repairs of the road. It will be carried out as desired by the NHAI or the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes binding and undertaking obtained ✓	
5.12	Certificate from the applicant in the following format (i).Laying of water pipe line will not have any deleterious effects on any of the bridge components and road way safety for traffic. (ii).For 6 lanning " 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 well be stipulated by NHAI" for future six lanning or any other development.	Yes binding and undertaking obtained ✓	
6	Who will sign the agreement on behalf or water pipe line agency.	Chief officer Municipal Council Umerga ✓	
7	Certificate from the project director		
7.1	Certificate for conforming of all standard condition issued vide ministry circular NH 41 (58)/68 dated 31-01-1969 ministry circular no.NHIII/P/66/76 Dated 18-19/01/1976 ministry circular no. RW/NH-III/P/66/76 Dated 11-05-1982 ministry circular No.RW/NH - 11037/1/86-DOI (ii) dated	Yes	



	27/7/1993 ministry circular no RW/NH-11037/186/DOI dated 19-1-1995 Ministry Circular no RW/NH/31066/2/95/S&R(B) dated 17-09-2003		
7.2	Certificate from PD in the following format (i). it is certified that any location of the waste pipeline would be extremely difficult and unreasonable costly and the installation of water pipeline with in ROW will not adversely affect the design stability and traffic safety of the the highway nor the likely future improvement such as widening of the carriageway easing of curves etc. (ii) for 6 laning. (a). Where is feasibility available "I do certify that will be no hindrance to proposed six lanning based on the the feasibility report considering proposed structure at the side location" (b). In Case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six lanning"	Yes attached herewith	
8	If NH section proposed to be taken up by NHAI on BOT basis-a clause is to be inserted in the agreement "the permitted highway on which licensee has been granted the right of lay water pipe line, cable/ Duct has also be been granted as a right to 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 Hon. our the same.	Clause is inserted in the agreement	
9	Who will supervise the work of laying of water pipeline.	Applicant /	
10	Who will ensure, that the defects in road portion after laying of water pipeline are corrected and if not corrected then what action will be taken.	Applicant ,	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Applicant ,	
12	A Certificate from PD that he will enter the proposed permission in the register records of the permission in the prescribed proforma (copy enclosed)	Attached	
13	If any previous approval is accorded for laying of underground water pipeline then photo copy of register of records of permission accorded as maintained by PD then copy enclosed.	NA	




Chief Officer
 Municipal Council, Omarga

ANNEXURE A
Details of pipeline project

Annexure A

Subject:- Permission for laying and Crossing Municipal Council Umerga Pipeline Along NH 09.

1	Name of the company asking for permission	Municipal Council Umerga
	Full address for correspondence	Chief Officer, Municipal Council Umerga Umerga Main Road, Near District Court Umerga Tq. Umerga Dist Dharashiv.
	Details and purpose of lying the pipeline across the national highway	The pipeline is being laid for drinking water supply to the people.
2	Any other details regarding laying	
	a). pipeline laying along NH-361	By open excavation
	b).Crossing Methodology	By HDD (horizontal directional drilling)
	c).Specifications of casing pipe	MS Pipes 1000 mm Diameter
	d). Specifications of carrier pipe	DI K-7 Pipe 600.0 mm Dia.
	e).width of corridor required	--
	f).whether it is possible to lay pipeline or not	yes
	g).where it is possible to lay pipeline through existing line or not(reasons)	No
3	Details regarding road alignment	
	i). name of the road	NH 09
	ii).Category of the road	National Highway
	iii).width of the road	20 m
	a).formation width measured from tank	25 and 30 m
	b).width of the black top	
	c).Road boundary	30.0 Mtr.for Existing road From CH.321.700 to 322.478, 25 Mtr For Existing road From CH.322.478 to 323.145. And 30.0 Mtr.for Existing road From CH.323.145 to 327.600
	d).Location of the pipeline laying along and across the road	Pune Hyderabad road Chainage 321.700 to 327.600 along and across at 321.700
4	Details to be supplied on layout drawing	Shown in Drawing
5	Geographical details of pipeline	
	Dimensions of the pipeline	Laying 600.0mm DI K-7 Pipeline Casing 1000mm
6	This is to certified that the work is shall be done in accordance with the Govt. rule and regulations in force from time to time and binding to KSPL	Yes Agreed
7	This is to certified that all required cost and fees as per the rules and regulations will be deposited timely.	Yes Agreed




Chief Officer
Municipal Council, Omeriga

INFORMATION TO BE FURNISHED ALONG WITH THE PROPOSED FOR LAYING OF THE PIPELINE
ALONG NATIONAL HIGHWAY

1	Pipeline route along NH 09	Along NH 09 From Chainage 321.700 to 327.600 and across at 321.700 - Anneexure-3
2	Exact location of the crossing with chainage of national highway and ROW of NHAI at crossing point.	Chainage 321.700 km
3	Table showing distance of cable/pipe and ROW from centerline of NH	Enclosed in Annexure 2
4	Methodology of crossing in Express way	By horizontal directional Drilling
5	Level with sealing at end of pipes.	Minimum 1.5 m below GL




Chief Officer
Municipal Council, Omerga

ANNEXURE C
TERMS AND CONDITIONS OF PIPELINE

ANNEXURE C

1. The Pipeline along national highway 65 shall be laid along the road and crossing by Excavation.
2. The top of the pipeline shall be at a depth of 1.5 m below the surface of the road.
3. Any damage during the crossing of the pipeline of the existing service lines like gas pipeline , water supply pipeline, electric lines etc. shall be repaired immediately at the agency's own risk and cost.
4. Necessary precautions shall be taken to avoid any accident during the execution of the work.
5. Cautionary board wherever required shall be provided on the site before starting the work.
6. Prior approval of the department shall be obtained before undertaking the work of installation, shifting repair of alteration to the utility line located in the NHAI's ROW.
7. Before starting the work, written information by registered post AD shall be given to NHAI.
8. If NHAI Considers it necessary in future to remove the pipeline for any work of improvement/ repair of the road it will be carried out as desired by NHAI at the cost of agency with in a reasonable time.
9. The government does not guarantee the preservation of the agency's property from any type of damage that may occur due to road work carried out at a later date.
10. If any accident occur during excavation or execution of the work by the agency, the complete irresponsibility shall be on the head of agency.
11. In future, at the time of widening the road or any other work NHAI the pipe line shall have to be removed / shifting by the agency at their own cost without any claim of compensation.
12. A security deposit shall be paid before start of the work.
13. An agreement on the stamp of Rs 100 is required to be made between the NHAI and the agency before the start of the work. They shall also include no claim certificate.

We here by accept all the above condition for laying the pipeline along NH-65 From Chainage 321.700 to 327.600 along the road on south side of the and across at 321.700 on both side of the NH 65 moving from Umerga Hyderabad road At Jekekur/Balsur Road increasing chainage of NH 65.




Chief Officer
Municipal Council, Umerga

ANNEXURE 2
TABLE SHOWING THE ROW OF NHAI

TABLE SHOWING THE DISTANCE OF PIPELINE ROW FROM THE CENTRELINE OF THE HIGHWAY.

Along the NH 65

Sr. No.	NH Chainage	ROW location on RHS	ROW location on LHS	Total ROW	Distance of pipeline on RHS from centerline of highway.
1	pipeline along NH-09 From From Chainage 321.700 to 327.600 km along on right side of Road.	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	50 and 60.0 Mtr.	23 and 28.0 mtr

TABLE SHOWING THE DISTANCE OF PIPELINE ROW FROM THE CENTRELINE OF THE HIGHWAY.

Across the NH 65

Sr. No.	NH Chainage	ROW location on RHS	ROW location on LHS	Total ROW	Distance of pipeline on LHS from centerline of highway.
1	crossing at 321.700 Km Existing road.	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	50 and 60.0 for Existing Road	23 and 28.0 mtr




Chief Officer
Municipal Council, Omerga

ANNEXURE 3
PIPELINE ROUTE MAP



Wagdy
Chief Officer
Municipal Council, Omerga

↑ Balsuk

As per site
As per drawing



proposed crossing At
321+700 Km.

ANNEXURE 4
PIPELINE LAYING STRIP PLAN ALONG NH 69

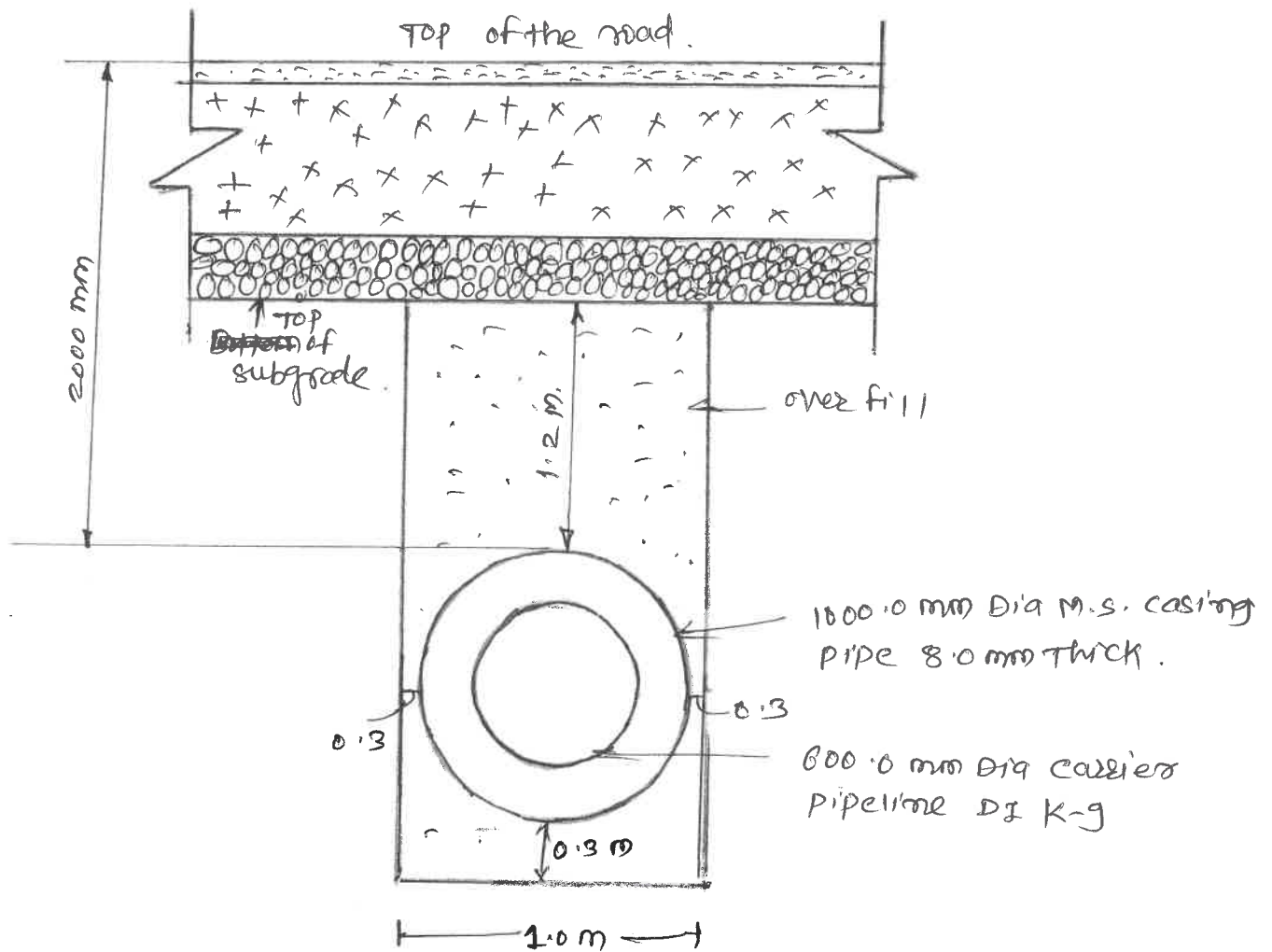
Open Trench Excavation

Open trench excavation is the traditional and most common method of sewer construction, repair or replacement. Open trench excavation consists of excavating down to and exposing the existing pipe so that it can be repaired or replaced, then backfilling the trench. The work will include some or all of these steps:

- Materials delivered and stored in the right of way
- Pavement cut to trench width using a pavement saw
- Trenches dug to the curb to install laterals, which connect the individual properties to the sewer mains
- Pavement and material removed by large equipment and loaded into dump trucks
- Pipe installed in trench
- Trench backfilled with sand or gravel and compacted
- Temporary pavement installed as work progresses forward
- Curb and sidewalk repaired or replaced if necessary or specified in plans
- Trenches permanently paved when there is enough distance between the paving crew and the pipe crew
- Impacted planting strips re-seeded, streets cleaned, and other remaining restoration completed as paving is finished
- After construction hours, work crews may cover trenches with steel plates to restore traffic lanes until construction resumes.
- Traffic congestion in the area will increase and you will experience delays in getting to your destination.
- The contractor will maintain local access for residents in the construction zone, but you should expect delays.
- Construction creates noise, vibration, and dust and will disrupt normal neighborhood activity.
- Equipment and material will be secured and left on the street after work hours.
- A city construction inspector will be on-site during work hours. If you have an immediate need during construction, the on-site inspector may be able to assist you.
- There will be no loss of service to any properties during construction.
- There may be periods of inactivity between these steps.
- Construction hours will be 7:00 a.m. to 6:00 p.m. Monday through Friday. The contractor may schedule work during the same hours on Saturday.

ANNEXURE 5
STANDARD CROSS SECTION DRAWING OF TRENCH AND C/S OF ROAD

CROSS SECTION OF HDD.



Crossing of Water pipeline by HDD
Method at chainage 321.700 km on NH09.



[Signature]
Chief Officer
Municipal Council, Omerga

ANNEXURE 6
PIPELINE LAYING METHODOLOGY

Road Crossing Pipe will Be Laid Push Through Road crossing at Chainage No. 321/700
(At Push Through), Length = 60 M for the total length of 60 RMT

➤ **As per MJP CSR Specifications**

Pushing of 1000 mm dia. Of MS Casing pipe with water pipe line of 600 mm DI K-9 for Road crossing by push through method in all types of strata by using hydraulic jack and drilling machines M.S. casing pipes, lowering, laying, jointing of material, required welding machinery, tripod, chain pulley block Crain blower, compressor, loading and unloading of machinery into the trench etc. transportation and dewatering etc. complete. Lowering,

➤ **Actual Field Methodology**

➤ The pilot hole is drilled with a diameter of 100 mm along the proposed design centreline.

➤ Then, the pilot hole is enlarged by back reaming to the desired 1000 mm dia. Of MS Casing pipe with DI water pipe line of 600 mm diameter by successive passes of different-sized back reamers, to install the desired utility product pipe.

➤ The product pipe is connected to the end of the drilling rod and back reamer assembly by a swivel and pulled through the enlarged pilot hole.

➤ The pilot hole is normally drilled by a surface launched rig with an inclined carriage, that is typically adjusted at an angle of 8 to 18 degrees from the surface of the ground for entrance and between 8 and 12 degrees at the exit. Rotating the drill bit, assisted by the thrust force transferred from the drill string, performs soil cutting in the mechanical drilling process. The mechanical drill bits may vary from a slim cutting head with a slanted face for small and short bore applications to a diamond mounted roller cutter used with mud motors for large and long crossings.

➤ The utility boring method utilizes high pressure, low-volume drilling fluid, usually bentonite mud, to jet through shallow, soft soil formations to ensure the surrounding formation will not become saturated and unstable.




Chief Officer
Municipal Council, Omerge

Advantages

1. Minimum surface disturbance, local landscaping, streets are left undisturbed.
2. No traffic disruption
3. Eco friendly – no noise, no waste disposal
4. Zero damage to existing underground utilities.

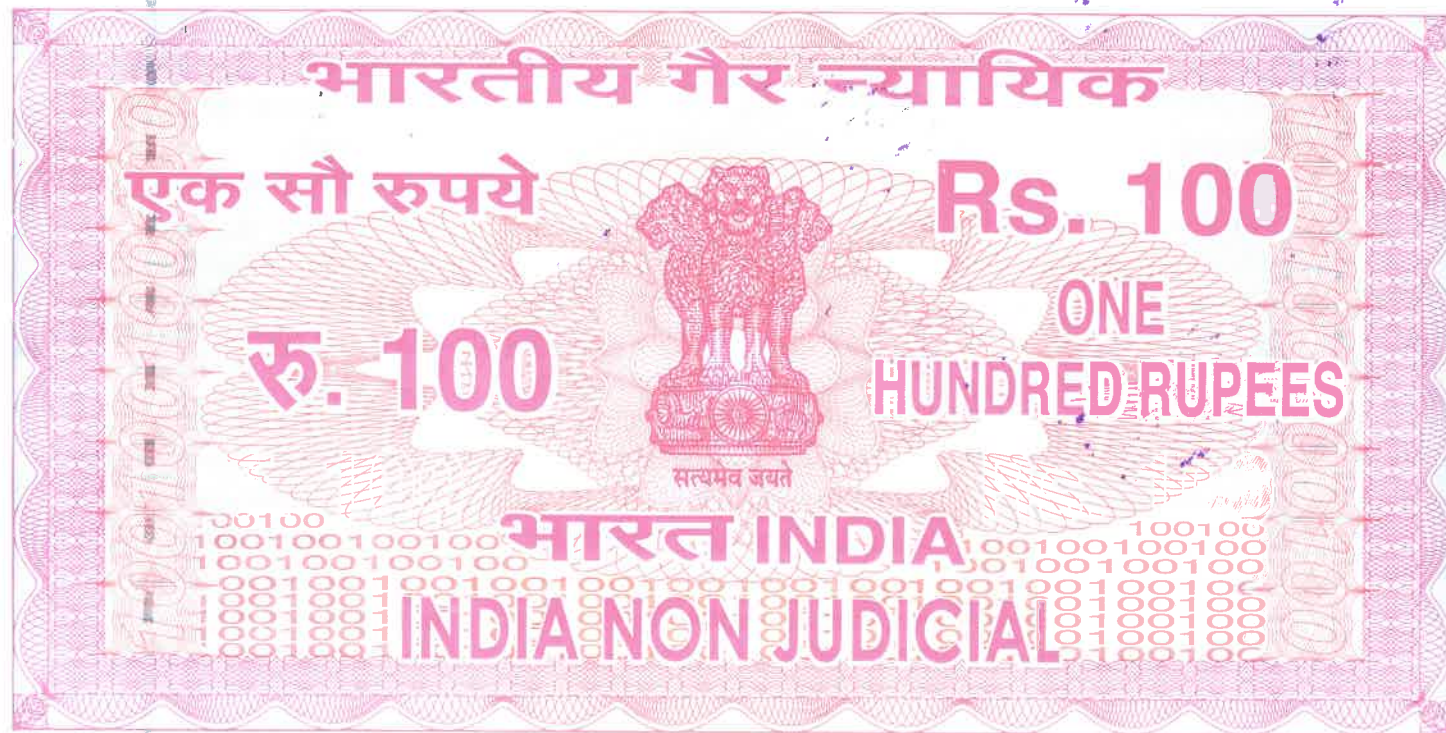
Safety Precautions during execution.

1. Informing area – specific local bodies like BSNL, Municipal councils, Electrical, water and sewerage etc. for carrying out HDD job.
2. Underground utility scanning is done through GPR.
3. Working area is cordoned off with barricading and display boards.
4. Sufficient lightening is done for night working.




Chief Officer
Municipal Council, Omerga

ANNEXURE 7
LICENSE AGREEMENT



महाराष्ट्र MAHARASHTRA

2024

15AB 293022

उपस्थित अ.क्र. 293022 दिनांक 29 NOV 2024

श्री मुन्नाईकर क ह 321.700

र. 321.700

हस्ते 321.700 को 321.700 कारण

बांती जलतल मुद्रांक () बा -

माफिलले वरुन भारतीय ()

मुद्रांक दिने. 321.700

महाराष्ट्र मुद्रांक इंगळे

मुद्रांक विवेता त.का. 321.700 प्र.क्र. 321.700

LICENSE AGREEMENT

LICENCE DEED FOR LAYING OF WATER SUPPLY PIPES ON NATIONAL HIGHWAY LAND.

Agreement to lay water supply at /from From Chainage 321.700 to 327.600 km along existing road on south side along national highway no. 49 from Balsur road Umerga road and crossing at Chainage 321.700 on NHAI at balsur road of Umerga TQ Umerga, Dharashiv District.

1. An agreement made on the 29 day of the November (Month) of year two thousand twentyfour (to be written in word) between the president of india/National highway Authority of india (hereinafter called the government which expression shall, unless excluded by or repugnant to the context, include his successors in and office and assigns) of the one part and Municipal Council Umerga (Name of the party) (hereinafter called 'license' which expression shall unless excluded by or repugnant to the context include his heirs its successors/ their successors and assigns) of the other part.

2. Where as the license has/ licensees have applied to the government/NHAI for permission to lay water supply pipes at chainage 321.700 to 327.600 along existing NH road and crossing at 321.700 km on NHAI at Balsur road of Umerga, Dharashiv District.

3. And whereas the government/ NHAI have agreed to grant such permission, on the terms and conditions hereinafter maintained.

4. Now this agreement witnesses that in consider of the conditions hereinafter contained and on the part of license/licensees to be observed and performed the Government/NHAI hereby grants to the licensee/licensees permission to lay water supply as per the approved drawing attached here to subject to the following conditions namely.

- (i) That the licensee/licensees shall within three months from the date hereof but without interfering with the road traffic. Complete the laying water supply pipes to be satisfaction of the divisional engineer/ project director in charge of the national highway (herein after referred to as the divisional / executive engineer/ project director/as applicable) in accordance with the drawings and specifications approved by the divisional/ executive engineer/project director.
- (ii) That the licensee/licensees shall be responsible for restoring the road and at his/ their own cost its original conditional after laying the water supply pipes or after any damage caused due to inadequate maintenance/ operation of the water supply pipes.
- (iii) That in case of any burst or leak of water supply pipes the licensee/licensees shall bear the entire cost of restoration of damaged caused to the road.
- (iv) the licensee/licensees shall not without prior permission in writing of the divisional/executive engineer/project director undertaking any work of shifting, repairs or alteration to the said water supply pipes.
- (v) That the licensee/licensees shall at all times permit any duly authorized officer or servant of the government/NHAI to inspect the said water supply pipes.
- (vi) That the licensee/licensees shall be liable for any loss or damage caused to the Government/NHAI or by drainage obstruction or any other like cause due to the said water supply pipes.
- (vii) That the licensee/licensees within two month of a notice given to him to this behalf by the NHAI/government shall at his/ their own cost remove the water supply pipes and restore the road land to its original conditions when required to do so by the Government/NHAI or by any person authorized on its behalf. The licensee/licensees shall not be entitled to any compensation on account of such removal or restoration.
- (viii) That the licensee/licensees shall fail to execute any work which he has/they have agreed to execute under this agreement to the entire satisfaction of the project director NHAI/ Government at the cost of the licensee/licensees are arrears of the land revenue without prejudice to any other remedies which may be open to the Government/NHAI in this behalf.
- (ix) That the licensee/licensees shall not sell, transfer or other dispose of the premises without obtaining the previous consent of the Government/NHAI in writing.
- (x) That the licensee/licensees will remain in force for a period of five years from the date of execution in the first instance and be terminated by a notice of two month and the permission may not be renewed after the expiry of the said period.
- (xi) That the permission granted by this license shall not be in any way to be deemed to convey to the licensee/licensees any right to or over or any interest in Government land other what is herein expressly granted.
- (xii) That during the subsistence of this license, the water supply pipes located on the road shall be deemed to have been constructed and continued only by the consent and permission of the

government so that the right of the licensee/licensees to the use there of shall not become absolute and indefeasible by lapse of time.

(xiii) That the licensee/licensees shall bear the stamp duty charges on this agreement

(xiv) Govt. of India/NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise to the underground electrical cable.

5.The water supply shall not be brought into use by the licensee/licensees unless a completion certificate to the effect that the water supply pipes have been laid in accordance with the approved specifications and drawings has been obtained from the project director NHAI.

6. That licensee shall be abide by the conditions enclosed herewith in Annexure-1.

7.Notwithstanding anything contained in Clause 4 (vii) the license any be cancelled at any time by the government for a breach of any condition of the license and the licensee/licensees shall not be entitled to any loss caused to it by such cancellation, nor shall it be absolved from any liability already incurred under this agreement.

8.Annexure -1 stipulating the conditions to be enclosed/incorporated in the approval letter for permission for laying of water pipeline shall be the part of the agreement.

This agreement has been executed in duplicate and each party to this agreement has retained one stamped copy each.

Signed by shri
Ramkrushna Sampat Jadhavar
The licensee
The constituted attorney of the India
India__

Signed by shri
()
Project Director
National Highways Authority of

For and on behalf of
President of India

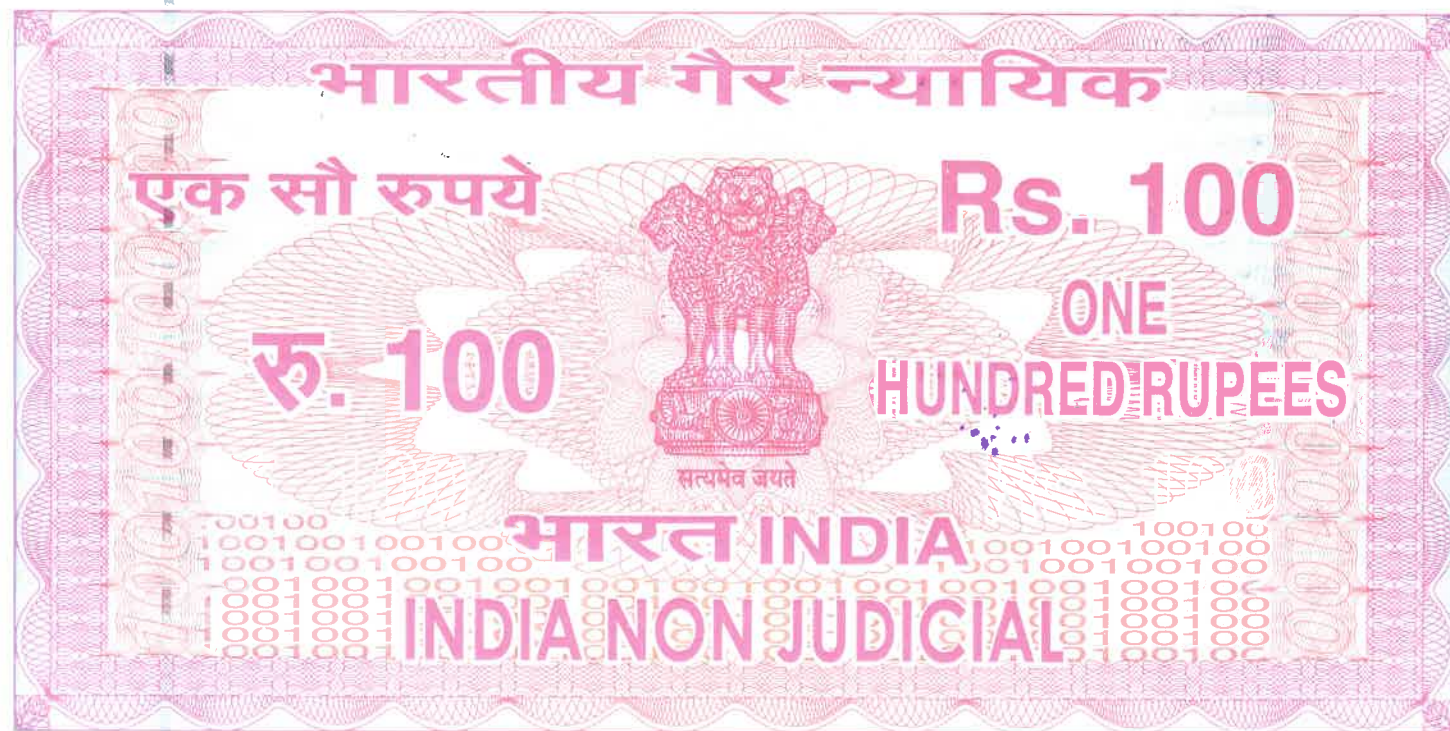
In the Presence of

1. Name in full (Signature)
with Designation

1. Name in full (Signature)
with Designation

2. Name in full (Signature)
with Designation

2. Name in full (Signature)
with Designation



महाराष्ट्र MAHARASHTRA

2024

15AB 293021

भारत अ.क्र. 2234 दिनांक 29 NOV 2024

श्री. मुन्नाईगारी न. 4 3222

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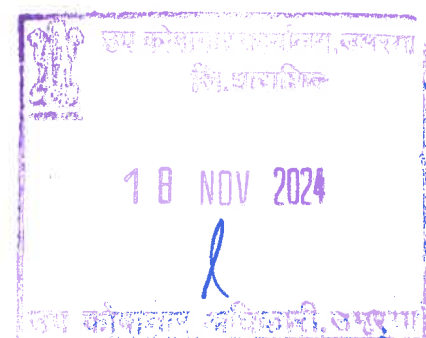
बांकी जवतल मुद्रांक ()वा -

बाणिलाले वरुन भरतीस ()

मुद्रांक दिने. सु

गणेश सुरेशाव इंगळे

मुद्रांक विवेता त.का. उमरग प्र.क्र. 2406003



Date 29/11/2024

UNDERTAKING

1. We do undertaking that we shall bear the expenditure, if any incurred by NHAI repairing any damage caused to the national highway by laying, maintenance or shifting of the MUNICIPAL COUNCIL UMERGA water pipeline.
2. We do undertake that we are agreeable to the terms and conditions laid in the draft agreement and here by confirm the signing of the agreement within 30 days of receipt of the approval from NHAI we also confirm the agreement deposit of the statutory fees / user charges / bank guarantee as applicable and agreed in the agreement at the time of signing of the agreement.

क्रमांक ३६५३
कच्चा प्रकार, अर्द्धसुखी कच्चा
कच्चा नोंदणी करणारा आहे का
नोंदणी होणारा अर्द्धसुखी अर्द्धसुखी कच्चा
मिळकतीचे वर्णन
माबदला रक्कम
पुढाक विवक्त घेणाऱ्याचे नाव
दुसऱ्या पक्षकडून घेतले
हस्त अस्तव्यस्त त्याचे नाव व पत्ता
पुढाक शुल्क रक्कम
पुढाक विक्री नोंद घेई अ.क्र.
पुढाक विकत घेणाऱ्याची सती
क.पु.वि.जी.एस.इंगळे प.क्र. ३५०६०००
नमसिल काबालिक आदारा, उमर्गा

29 NOV 2024

We also undertake that bank guarantee shall be renewal as and when required and as directed by NHAI.

3. We do undertaking that if the NHAI considers it necessary in future to move the Municipal Council Umerga water pipeline for any work of improvement of repairs to the road, it will be carried out as desired by NHAI at the cost of Municipal Council Umerga within the reasonable time exceeding 60 days of the intimation given.

4. We do undertaking that while laying of the pipeline along NH 364 we shall take care of the existing utilities and service lines that have been previously laid. In case of any damage, we shall pay the necessary repair charges either to NHAI or to the concerned agency.

5. We do undertaking that, we shall deposit / submit the statutory fees / user charges / bank guarantee as applicable and demanded by NHAI.

We also undertaking that bank guarantee shall be renewal as and when required and as directed by NHAI.

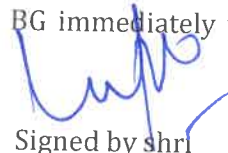
6. We do undertaking that we shall follow and abide by all that standard conditions of ministry circulars and NHAI guidelines regarding laying of the pipeline in the national highway land.

7. We do undertake that we shall shift our Municipal Council Umerga Water pipeline as and when required by NHAI at our own cost and risk.

8. We do undertake that shall shift and relocate our Municipal Council Umerga Water pipeline as and when required by NHAI due to future six laning / widening of national highway at our own cost and risk.

9. We do identify NHAI against all damages and claims that will be incurred by NHAI while laying our Municipal Council Umerga Water pipeline along national highway.

10. We do undertake that we shall manage and control the ongoing traffic movement while laying our Municipal council Umerga Water pipeline along National highway. We shall carry out our pipeline laying work without hampering ongoing traffic.
11. We do undertake that if any claim is raised by the concessionaire towards any damage or any other reason thereof then the same shall be paid to us.
12. We do undertake that we shall take the prior approval of the NHAI before starting or undertaking any work of installation, shifting or repairs or alterations to the Municipal Council Umerga Water pipeline located in national highways right of the ways.
13. We do undertake that we shall bear the expenditure, if any, incurred by NHAI for repairing any damage caused to the national highway by laying, maintenance or shifting of the Municipal Council Umerga Water pipeline.
14. We do undertake that we 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 laning or any other development.
15. We undertake that no claim shall be made by the agency in case of revenue loss/ any other losses / insurance etc. at the time of shifting the pipe.
16. We undertake that we can submit License fee and BG immediately when permission proposal is granted.

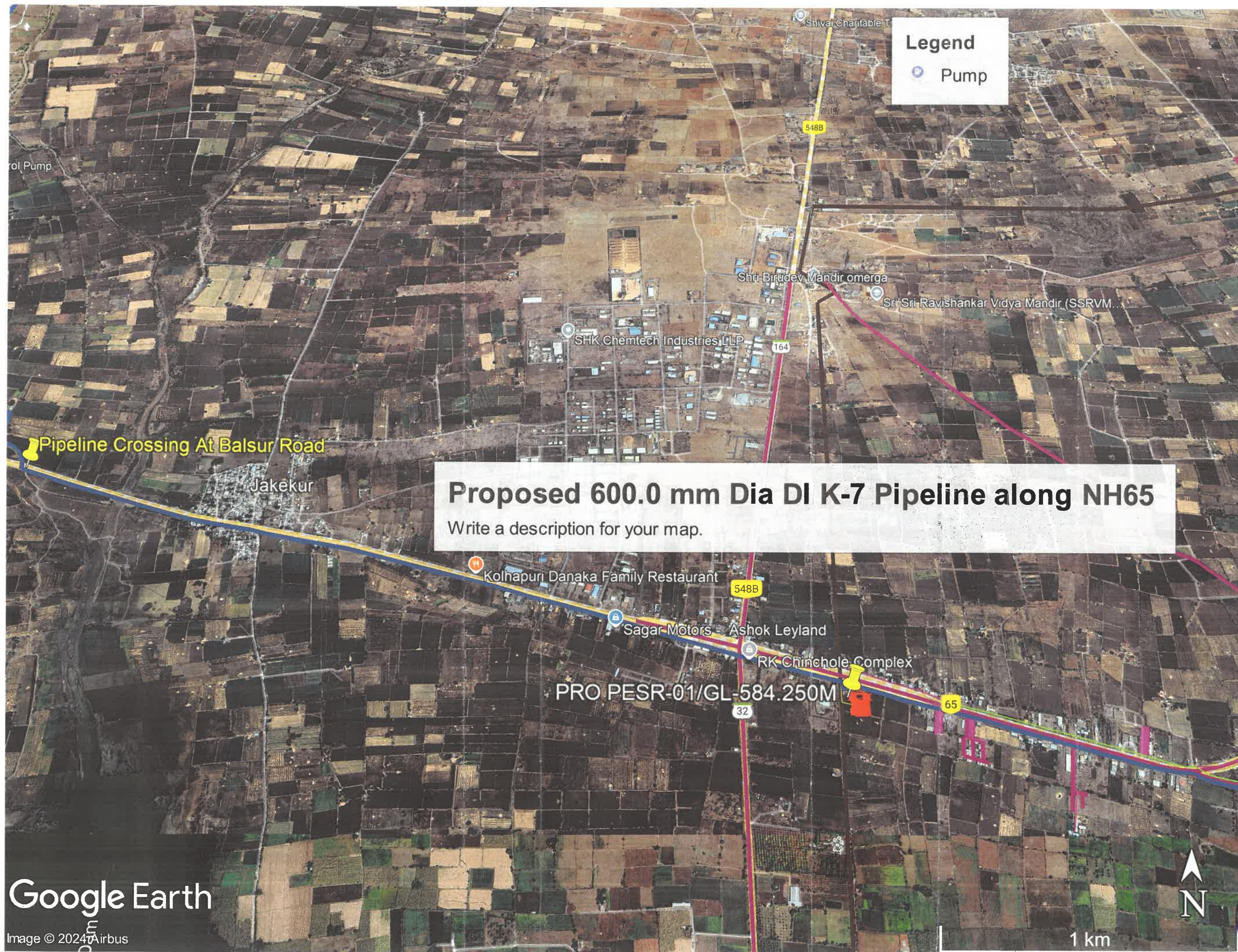


Signed by Shri
Ramkrushna Sampat Jadhavar
Chief Officer Municipal Council Umerga

CERTIFICATE

For the proposal of laying of Water pipeline Along the Road.

We do certify that laying of water pipeline will not have any deleterious effects on any bridge components and roadways safety for traffic of NHAI.



Chief Officer





भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road, Transport and Highways, Government of India)

परियोजना कार्यान्वयन, इकाई, सोलापूर (महाराष्ट्र)

Project Implementation Unit, Solapur (Maharashtra)

कार्यालय : पुणे सोलापूर महामार्गाला लागून, मौजे बाळे, जिल्हा-सोलापूर-४१३२२५ (महाराष्ट्र)

Office : Adjacent to Pune-Solapur Highway, Mauje Bale, Dist.Solapur-413255, Maharashtra.

Ph.No. 0217-2303379 * ई-मेल/Email : solapur@nhai.org * वेब /Web : https://nhai.gov.in



सं.:एनएचएआई/पीआईय /एसएलपी/एनएच-09/पाईप लाईन/25 /21

दिनांक: 01.04.2025

सार्वजनिक टिप्पणियों का आमंत्रण

विषय – राष्ट्रीय महामार्ग 09 के सोलापूर-महाराष्ट्र कर्नाटक सीमा खंड को कि.मी. 249000 से कि.मी. 348800 – एनएच-9 के प्रोजेक्ट हाईवे सेक्शन पर उमरगा शहर जिला धाराशिव को जलापूर्ति के लिए चैनल 321.700 से 327.600 किलोमीटर (बलसूर गांव रोड से उमरगा बाईपास रोड) तक 600 मिमी व्यास की डीआई के-7 पाइपलाइन बिछाने और पार करने तथा चैनल संख्या 321.700 पर पाइपलाइन पार करने की अनुमति।

1. मुख्य अधिकारी उमर्गा ने एनएच.9 के प्रोजेक्ट हाईवे खंड पर उमर्गा शहर जिला धाराशिव को जलापूर्ति के लिए चैनल 321.700 से 327.600 किलोमीटर, बलसूर गांव रोड से उमर्गा बाईपास रोड तक 600 मिमी व्यास की डीआई के-7 पाइपलाइन बिछाने और क्रॉस करने तथा चैनल संख्या 321.700 पर पाइपलाइन क्रॉस करने के लिए आवेदन प्रस्तुत किया है।
2. मंत्रालय द्वारा जारी दिशा-निर्देशों के अनुसार, दिनांक 22.11.2016 के का.ज्ञा. संख्या आर. डब्ल्यूएनएच-33044ध29ध2015धएस.एंड.आर(आर) के अनुसार, दावे और आपत्तियां (सार्वजनिक असुविधा, सुरक्षा और सामान्य सार्वजनिक हित के आधार पर) मांगने के लिए आवेदन 30 दिनों के लिए सार्वजनिक डोमेन में रखा जाएगा।
3. उपर्युक्त के मद्दे नजर, उपरोक्त आवेदन पर जनता की टिप्पणियां नीचे उल्लेखित पते पर आमंत्रित की जाती हैं, जो प्रकाशन की तारीख से 30 दिनों के भीतर इस कार्यालय तक पहुंच जानी चाहिए, इसके बाद कोई टिप्पणी स्वीकार नहीं की जाएगी।

परियोजना निदेशक

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

परियोजना कार्यान्वयन इकाई, सोलापूर

पुणे-सोलापूर राजमार्ग के निकट, मौजे बाले, जिला सोलापूर. -413255, महाराष्ट्र.

धन्यवाद,

भवदीय

(हस्ताक्षर)

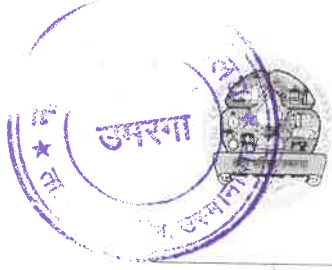
(राकेश जवादे)

महाप्रबंधक (तकनीकी) तथा परियोजना निदेशक

भा.रा.रा.प्रा. इकाई, सोलापूर

प्रतिलिपी –

1. मुख्य महाप्रबंधक (तकनीकी) क्षेत्रीय कार्यालय मुंबई कृपया जानकारी के लिए।



Municipal Council Umerga

Tq.Umerga Dist.Dharashiv

Website: www.umargamahaulb.maharashtra.gov.in Phone. 02475-252023
Toll Free No. 18002331156 Email : npomerga@gmail.com



O.No.N.P.U./W.S/2038/2025

Date : 28/01/2025

To,

Project Director,

National Highway Authority of India,
Solapur-413004.

Subject:- Permission for laying and crossing 600 mm Dia DI K-7 pipeline from Ch.321.700 to 327.600 Km (Balsur village road to Omerga bypass road) and crossing pipeline at CH. 321.700 for water supply to Omerga City Dist Dharashiv on the project highway section no NH 09.

- Reference:- १. Government of Maharashtra, urban development department, general resolution no. अमृत-२०२४/प्र.क्र.२२२/नवि-३३ दिनांक १५/०३/२०२४.
2. M.C.Umerga letter noMCU/WS/4419/2024 Date 29/11/2024.
3. Your letter no.NHAI/PIU/SLp/NH-09/IE/2024/3614 Date 13/01/2025.

Respected Sir,

With reference to above Cited Subject, our office had submitted the permission proposal for pipeline laying of 600.0 mm DI K-7 and 400 mm DI K-7 Pipeline along National highway no.09 from Chainage 321.700 to 327.600 Km (Balsur village road to Umerga bypass road) and crossing pipeline at Chainage no. 321.700 (At Balsur village road) along NH 09 proposal as per reference no.02. In this matter the combined visit is arranged from your side as on 03/12/2024 and you have raise some technical points for further procedures for laying proposal.

So we Cleared all Technical points raised as per the your letter reference no.3. these points is as follows.

Sr.no	Raised Point	Solution.														
1	<p>In the submitted proposal the ROW of the project highway is shown 60 Mtr from Ch.321+700 to Ch.327+600 As per CA the ROW of the project highway is varying and same is Tabulated below.</p> <table><tr><th colspan="2">Chainage</th><th rowspan="2">Available ROW</th></tr><tr><th>From</th><th>To</th></tr><tr><td>321+700</td><td>322+478</td><td>60 M</td></tr><tr><td>322+478</td><td>323+145</td><td>50M</td></tr><tr><td>323+145</td><td>327+600</td><td>60M</td></tr></table>	Chainage		Available ROW	From	To	321+700	322+478	60 M	322+478	323+145	50M	323+145	327+600	60M	<p>In the revised proposal ROW is taken as shown in the Table.</p>
Chainage		Available ROW														
From	To															
321+700	322+478	60 M														
322+478	323+145	50M														
323+145	327+600	60M														
2	<p>In the submitted proposal, width of the service road is not mentioned, it is</p>	<p>In the revised proposal, width of the service road is mentioned.</p>														



Municipal Council Umerga

Tq. Umerga Dist. Dharashiv



Website: www.umergamahaulb.maharashtra.gov.in Phone. 02475-252023

Toll Free No. 18002331156 Email : npomerga@gmail.com

P.U./W.S/4419/2024

Date : 29/11/2024

**Project Director,
National Highway Authority of India,
Solapur-413004.**

Subject:- Laying and Crossing of 600.00 mm Dia DI K-7 Pipeline For Supply of Water to Umerga City, District Dharashiv.

Reference:-१. Government of Maharashtra, urban development department, general resolution no. अमृत-२०२४/प्र.क्र.२२२/नवि-३३ दिनांक १५/०३/२०२४.

Respected Sir,

With reference to above Cited Subject, Govt. of Maharashtra sanctioned the Water supply scheme for Umerga city under Amrut 2.0 Abhiyan. In Amrut 2.0 Water supply scheme of Umerga city there is 600.0 mm DI K-7 and 400 mm DI K-7 Pipe line is proposed from lower terna makni Dam to Umerga City. in that pipeline work requires laying of pipeline along National highway no.65 from Chainage 321.700 to 327.600 Km (Balsur village road to Umerga bypass road) and crossing pipeline at Chainage no. 321.700 (At Balsur village road) as per details Attached in proposal.

At the the time of bridge construction of National highway, the existing pipeline of municipal council is Shifted and replaced with new HDPE pipeline by NHAI, but replaced new pipeline is breaking/damaging again and again, due to this occurs discontinuity in the water supply of Umerga city, and due to this there is scarcity of water in the Umerga City.

Due to Water Scarcity in Umerga city, there is Urgency to lay the proposed DI pipeline along the National highway, so we request you to grant the proposal of Laying the Pipeline Along the road and road crossing permission expeditiously.

Thanking You

Yours Faithfully


Chief officer

Municipal Council Umerga

ANNEXURE 1

Checklist for Getting Approval for laying and Crossing Pipeline On NH 09 Highway.

CHECK LIST

Guidelines for Project Directors for processing the proposal for Laying water pipe line in the land Across national Highway Vested with NHAI.

Relevant Circulars 1. Ministry circular no.HN-III/p/66/76 Dated 18/19-11-1976.
2. Ministry circular no.RW/NJ-111/P/66/76 Dated 01-05-1982.
3. Ministry circular no.RW/NH/-11037/1/86-DOI(II) Dated 28-07-1993.
4. Ministry circular no.RW/NH/-11067/1/86-DOI Dated 19-01-1995.
5. Ministry circular no.RW/NH/-34066/2/95/S&S Dated 25-10-1999.
6. Ministry circular no.RW/NH/-34066/7/2003 S&R Dated 17-09-2003.

CHECK LIST FOR GETTING APPROVAL FOR LAYING OF WATER PIPELINE ON NH LAND

Sr.No.	Item	Information/Status	Remarks
1	General Informatoin	Permission for Laying of Water pipeline from Chainage 321.700 to 327.600 along across at 321.700	---
1.1	Name and Adress of the applicant	Chief Officer Municipal Council Umerga, Near Court, Umerga Dist Dharashiv.	
1.2	National Highway Number	NH 09	
1.3	State	Maharashtra	
1.4	Location	Chainage 321.700 to 327.600 along and and across at 321.700 On NH 9	
1.5	Chainage in Km	Chainage 321.700 to 327.600 along and and across at 321.700	
1.6	Length in Meters	5900 meters along Pune Hyderabad National highway right side of the road and for crossing 60.0 meter Total Length = 5.96 Km.	
1.7	Width of Available ROW Of NHAI Land	Existing ROW	
	A.Left side From Centre line(Towards Increasing Chainage/KM direction)	---	
	B.Right side From Centre line (Towards Increasing Chainage/Km Direction)	30.0 Mtr.for Existing road From CH.321.700 to 322.478 , 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to	




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		327.600	
1.8	Proposal to lay Underground Water pipeline		
	A.Left side from centre line (Towards increasing chainage/ Km Direction)	---	
	B. Right side From Centre line (Towards Increasing Chainage/Km Direction)	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	
1.9	Proposal to Acquire Land	----	
	A.Left side of Centre Line	Nil /	
	B.Right Side of the Centre Line.	Nil /	
1.10	Whether Proposal is in the same side Where Land is not to be Acquired.	In National Highway Land	
	If not then Where to lay the Water Pipeline.	---	
1.11	Details of Already Laid Services, if any, along the proposal route.	---	
1.12	Number of lanes (2/4 or 6/8) existing	4 lane work Completed by NHAI. /	
1.13	Proposed Number of Lanes (2 lane with Paved Shoulders or 4 or 6/8 lanes)	4 /	
1.14	Service Road (Existing or Not) Y/N if Yes, Then which side.	Yes /	
	A.Left Side From Centre Line (Width)	--	
	B.Right Side From Centre Line (Width)	Mtr	
1.15	Proper service Road	--	
	A.Left Side From Centre Line (Width)	---	
	B.Right Side From Centre Line (Width)	Mtr	
1.16	Whether Proposal to lay Water pipeline is Beyond the Service Road of Between the service road and main carriage way.	Beyond the service road	
1.17	The permission of laying of water pipeline shall be considered for approval / rejection based on ministry circulars mentioned as above.	NA	
	A. Carrying of sewage/Gas Pipeline 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 that leakage of gas.	NA	
	B. Carrying of Gas pipeline on Bridges shall also be Discouraged however if the gas 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	Water Pipeline	




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	carry the pipeline in independent superstructure supported on extended portions of piers and abutment in such a manner that in the final arrangement enough free space Around the super structure of the bridge remains available for inspection and repairs etc.		
	C. Cost of Required Extension of the sub structure as well as that of the supporting super structure shall be borne by the agency in charge of the utilities.	No Structure on the route.(At the Jekekur bridge pipeline should be laying in river and At Chourashta bridge pipeline should be laying beyond the service road.)	
	D. Services are not being allowed indiscriminately on the parapet/any part of the bridge, safety of the bridges has to be kept in view while permitting a various services along bridge. Approvals are to be accorded in this regard with the concurrence of the ministry's project chief engineers only.	No Structure has to be kept in view while laying pipeline. NA	
1.18	If Crossing of road involved, if yes it shall be either encased in pipes or through structure or conduit specially built for the purpose at the expenses of the agency owing the site.		
	A. Existing Drainage Structure shall not be allowed to carry the lines.	Agreed	
	B. Is it on a line normal to NH	Yes	
	C. Crossing shall be too near the existing structure on the national Highway, the minimum distance being 15 meter. What is the distance from the existing structure.	No existence structure	
	D. The casing pipe (or conduit pipe in case of electric cable) carrying the utility line shall be steel, cast iron or reinforced cement concrete and have adequate strength and be large enough to permit ready with drawl of the carrier pipe/cable.	600.0 mm dia. DI K-9 Carrying Water Pipeline Pipeline 1000.0 mm Casing pipeline.	
	E. Ends of the casing / conduit pipe shall be selected from the outside so that it does as a drainage path.	Yes agreed	
	F. The casing/ conduit pipe shall be sealed from drain to in cuts and toe of slope in the fills.	Yes agreed	
	G. The top of the casing / conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain invert.	Yes agreed	
	H. Crossing shall be boring method (HDD) Specially where the existing road pavement is of cement concrete or dense	Yes agreed	



	bituminous concrete type.		
	I. The casing/ conduit pipes shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes agreed ✓	
2	Documents / Drawings Enclosed with the proposal.	Sketch attached ✓	
2.1	Cross section showing the size of the trench for open trenching method (it is normal size of 1.2 deep × 0.3 m wide)	Pipeline will be laid by open trenching. ✓	
	a. Should not be greater than 60.0 Cm Wider than the outer diameter of the pipe		
	b. 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 carriage way.		
	c. Shall not be permitted top run along the national highway when the road formation is situated in double cutting. Nor shall these be laid over existing culverts and bridges.		
	d. These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of road land.		
2.2	Cross section showing the size of pit and location of cable for HDD Method.	Yes Attached in annexure ✓	
2.3	Strip plan / Route plan showing water pipe line, chainage width of ROW, distance of proposed cable from the edge of ROW, important miles stone, intersections, cross drainage works etc.	Yes Attached in annexure ✓	
2.4	Methodology for laying of water pipe line.	By open trenching. ✓	
2.4.1	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, methodology or refilling the trench.	For laying and crossing. ✓	
	A. The trench width should be at least 30.0 cm. but not more than 60.0 cm wider than the outer diameter of the pipe.	Yes ✓	
	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. Unsuitable site and rock edges should be excavated and replaced by selected material.	Yes ✓	
	e. These backfill shall be completed in two stages (i) Side fill to the level of the top of the pipe and	Yes ✓	



	(ii) Overfill to the bottom of the road crust.		
	D. The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tamping and controlled addition of moisture of 90% of the proctor's Density. Over fill shall be compacted to the same density As the material that had been removed. Consolidation by saturation or pending will not be permitted.	Yes ✓	
	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 dip at the trench.	NA ✓	
	F. The excavation shall be protected by flagman, signs and barricades and red lights during the night hours.	Yes ✓	
	G. if required, a diversion shall be constructed at the expense of the agency owning the utility line.	Yes ✓	
2.4.2	Horizontal directional drilling (HDD) method	NA ✓	
2.4.3	Laying of water supply pipe line through CD work and method laying.	Open trenching ✓	
	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 30 m from the bridge and subject to all other stipulation contained in the ministry's guidelines issued with letter no. NH.HI/p/66/76 Dated 19/11/1976	NA ✓	
3	Draft license agreement signed by two witnesses.	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 o 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 executing of trenching at least 50.0 m 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.	BGG shall be deposited by the agency at the time of permission ✓	
4.1	Performance BG as per above is to be obtained.	Yes ✓	
4.2	Confirming of BG has been obtained as per NHAI Guidelines.	Will be obtained after permission of laying and crossing is issued. ✓	
5	Affidavit/Undertaking From the applicant for	Yes obtained and enclosed	
5.1	Not to damage to other utility, if damaged		



	then to pay the losses either to NHAI or to the concerned agency.		
5.2	Renewal of Bank Guarantee	Yes obtained and enclosed ✓	
5.3	Confirming shall standard condition of NHAI's Guidelines	Yes obtained and enclosed ✓	
5.4	Shifting to water pipelines as and when required by NHAI at their own cost.	Yes obtained and enclosed	
5.5	Shifting due to 6 lanning/ widening of Nh	Yes obtained and enclosed ✓	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes obtained and enclosed	
5.7	Traffic Movement during laying of water pipeline to be managed by the applicant.	Yes binding and undertaking obtained ✓	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes binding and undertaking obtained ✓	
5.9	Prior approved of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs of alteration to the showing water pipe line located in the national highway right off ways.	Yes binding and undertaking obtained ✓	
5.10	Expenditure, if any incurred by NHAI for repairing any damage cause to the national Highway by the laying, maintenance or shifting of the water pipe line will be borne by the agency owning the line.	Yes binding and undertaking obtained ✓	
5.11	If the NHAI consider it necessary in future to move the utility line for any work of improvement or repairs of the road. It will be carried out as desired by the NHAI or the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes binding and undertaking obtained ✓	
5.12	Certificate from the applicant in the following format (i).Laying of water pipe line will not have any deleterious effects on any of the bridge components and road way safety for traffic. (ii).For 6 lanning " 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 well be stipulated by NHAI" for future six lanning or any other development.	Yes binding and undertaking obtained ✓	
6	Who will sign the agreement on behalf or water pipe line agency.	Chief officer Municipal Council Umerga ✓	
7	Certificate from the project director		
7.1	Certificate for conforming of all standard condition issued vide ministry circular NH 41 (58)/68 dated 31-01-1969 ministry circular no.NHIII/P/66/76 Dated 18-19/01/1976 ministry circular no. RW/NH-III/P/66/76 Dated 11-05-1982 ministry circular No.RW/NH - 11037/1/86-DOI (ii) dated	Yes	



	27/7/1993 ministry circular no RW/NH-11037/186/DOI dated 19-1-1995 Ministry Circular no RW/NH/31066/2/95/S&R(B) dated 17-09-2003		
7.2	Certificate from PD in the following format (i). it is certified that any location of the waste pipeline would be extremely difficult and unreasonable costly and the installation of water pipeline with in ROW will not adversely affect the design stability and traffic safety of the the highway nor the likely future improvement such as widening of the carriageway easing of curves etc. (ii) for 6 laning. (a). Where is feasibility available "I do certify that will be no hindrance to proposed six lanning based on the the feasibility report considering proposed structure at the side location" (b). In Case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six lanning"	Yes attached herewith	
8	If NH section proposed to be taken up by NHAI on BOT basis-a clause is to be inserted in the agreement "the permitted highway on which licensee has been granted the right of lay water pipe line, cable/ Duct has also be been granted as a right to 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 Hon. our the same.	Clause is inserted in the agreement	
9	Who will supervise the work of laying of water pipeline.	Applicant /	
10	Who will ensure, that the defects in road portion after laying of water pipeline are corrected and if not corrected then what action will be taken.	Applicant	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Applicant /	
12	A Certificate from PD that he will enter the proposed permission in the register records of the permission in the prescribed proforma (copy enclosed)	Attached	
13	If any previous approval is accorded for laying of underground water pipeline then photo copy of register of records of permission accorded as maintained by PD then copy enclosed.	NA	




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ANNEXURE A
Details of pipeline project

Annexure A

Subject:- Permission for laying and Crossing Municipal Council Umerga Pipeline Along NH 09.

1	Name of the company asking for permission	Municipal Council Umerga
	Full address for correspondence	Chief Officer, Municipal Council Umerga Umerga Main Road, Near District Court Umerga Tq. Umerga Dist Dharashiv.
	Details and purpose of lying the pipeline across the national highway	The pipeline is being laid for drinking water supply to the people.
2	Any other details regarding laying	
	a). pipeline laying along NH-361	By open excavation
	b).Crossing Methodology	By HDD (horizontal directional drilling)
	c).Specifications of casing pipe	MS Pipes 1000 mm Diameter
	d). Specifications of carrier pipe	DI K-7 Pipe 600.0 mm Dia.
	e).width of corridor required	--
	f).whether it is possible to lay pipeline or not	yes
	g).where it is possible to lay pipeline through existing line or not(reasons)	No
3	Details regarding road alignment	
	i). name of the road	NH 09
	ii).Category of the road	National Highway
	iii).width of the road	20 m
	a).formation width measured from tank	25 and 30 m
	b).width of the black top	
	c).Road boundary	30.0 Mtr.for Existing road From CH.321.700 to 322.478, 25 Mtr For Existing road From CH.322.478 to 323.145. And 30.0 Mtr.for Existing road From CH.323.145 to 327.600
	d).Location of the pipeline laying along and across the road	Pune Hyderabad road Chainage 321.700 to 327.600 along and across at 321.700
4	Details to be supplied on layout drawing	Shown in Drawing
5	Geographical details of pipeline	
	Dimensions of the pipeline	Laying 600.0mm DI K-7 Pipeline Casing 1000mm
6	This is to certified that the work is shall be done in accordance with the Govt. rule and regulations in force from time to time and binding to KSPL	Yes Agreed
7	This is to certified that all required cost and fees as per the rules and regulations will be deposited timely.	Yes Agreed




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ANNEXURE B
Details of Location

INFORMATION TO BE FURNISHED ALONG WITH THE PROPOSED FOR LAYING OF THE PIPELINE
ALONG NATIONAL HIGHWAY

1	Pipeline route along NH 09	Along NH 09 From Chainage 321.700 to 327.600 and across at 321.700 - Anneexure-3
2	Exact location of the crossing with chainage of national highway and ROW of NHA1 at crossing point.	Chainage 321.700 km
3	Table showing distance of cable/pipe and ROW from centerline of NH	Enclosed in Annexure 2
4	Methodology of crossing in Express way	By horizontal directional Drilling
5	Level with sealing at end of pipes.	Minimum 1.5 m below GL




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ANNEXURE C
TERMS AND CONDITIONS OF PIPELINE

ANNEXURE C

1. The Pipeline along national highway 65 shall be laid along the road and crossing by Excavation.
2. The top of the pipeline shall be at a depth of 1.5 m below the surface of the road.
3. Any damage during the crossing of the pipeline of the existing service lines like gas pipeline , water supply pipeline, electric lines etc. shall be repaired immediately at the agency's own risk and cost.
4. Necessary precautions shall be taken to avoid any accident during the execution of the work.
5. Cautionary board wherever required shall be provided on the site before starting the work.
6. Prior approval of the department shall be obtained before undertaking the work of installation, shifting repair of alteration to the utility line located in the NHAI's ROW.
7. Before starting the work, written information by registered post AD shall be given to NHAI.
8. If NHAI Considers it necessary in future to remove the pipeline for any work of improvement/ repair of the road it will be carried out as desired by NHAI at the cost of agency with in a reasonable time.
9. The government does not guarantee the preservation of the agency's property from any type of damage that may occur due to road work carried out at a later date.
10. If any accident occur during excavation or execution of the work by the agency, the complete irresponsibility shall be on the head of agency.
11. In future, at the time of widening the road or any other work NHAI the pipe line shall have to be removed / shifting by the agency at their own cost without any claim of compensation.
12. A security deposit shall be paid before start of the work.
13. An agreement on the stamp of Rs 100 is required to be made between the NHAI and the agency before the start of the work. They shall also include no claim certificate.

We here by accept all the above condition for laying the pipeline along NH-65 From Chainage 321.700 to 327.600 along the road on south side of the and and across at 321.700 on both side of the NH 65 moving from Umerga Hyderabad road At Jekekur/Balsur Road increasing chainage of NH 65.




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ANNEXURE 2
TABLE SHOWING THE ROW OF NHAI

TABLE SHOWING THE DISTANCE OF PIPELINE ROW FROM THE CENTRELINE OF THE HIGHWAY.

Along the NH 65

Sr. No.	NH Chainage	ROW location on RHS	ROW location on LHS	Total ROW	Distance of pipeline on RHS from centerline of highway.
1	pipeline along NH-09 From From Chainage 321.700 to 327.600 km along on right side of Road.	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	50 and 60.0 Mtr.	23 and 28.0 mtr

TABLE SHOWING THE DISTANCE OF PIPELINE ROW FROM THE CENTRELINE OF THE HIGHWAY.

Across the NH 65

Sr. No.	NH Chainage	ROW location on RHS	ROW location on LHS	Total ROW	Distance of pipeline on LHS from centerline of highway.
1	crossing at 321.700 Km Existing road.	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	30.0 Mtr.for Existing road From CH.321.700 to 322.478 25 Mtr For Existing road From CH.322.478 to 323.145 And 30.0 Mtr.for Existing road From CH.323.145 to 327.600	50 and 60.0 for Existing Road	23 and 28.0 mtr



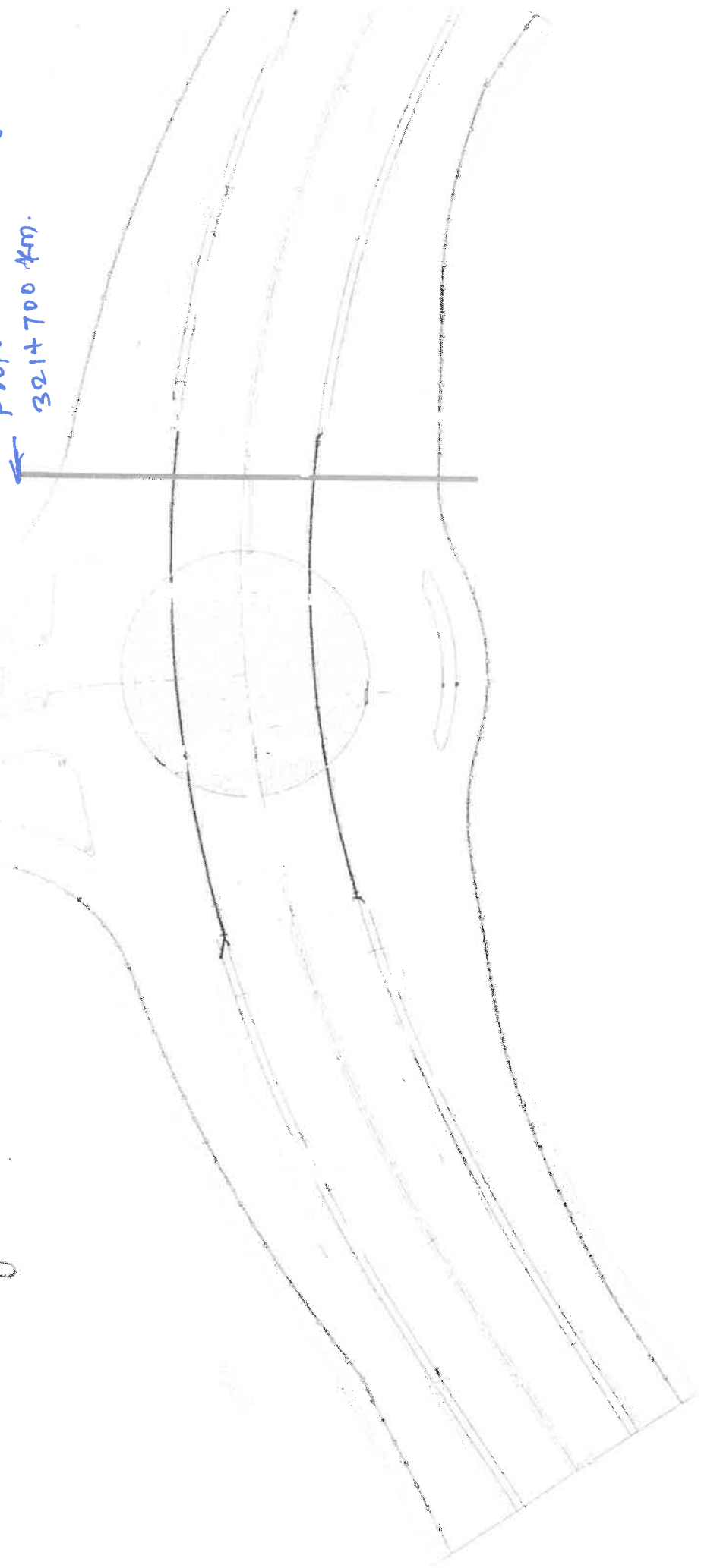

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ANNEXURE 3
PIPELINE ROUTE MAP

↑ Balsik

As per site
As per drawing

proposed crossing At
321+700 km.




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ANNEXURE 4
PIPELINE LAYING STRIP PLAN ALONG NH 69

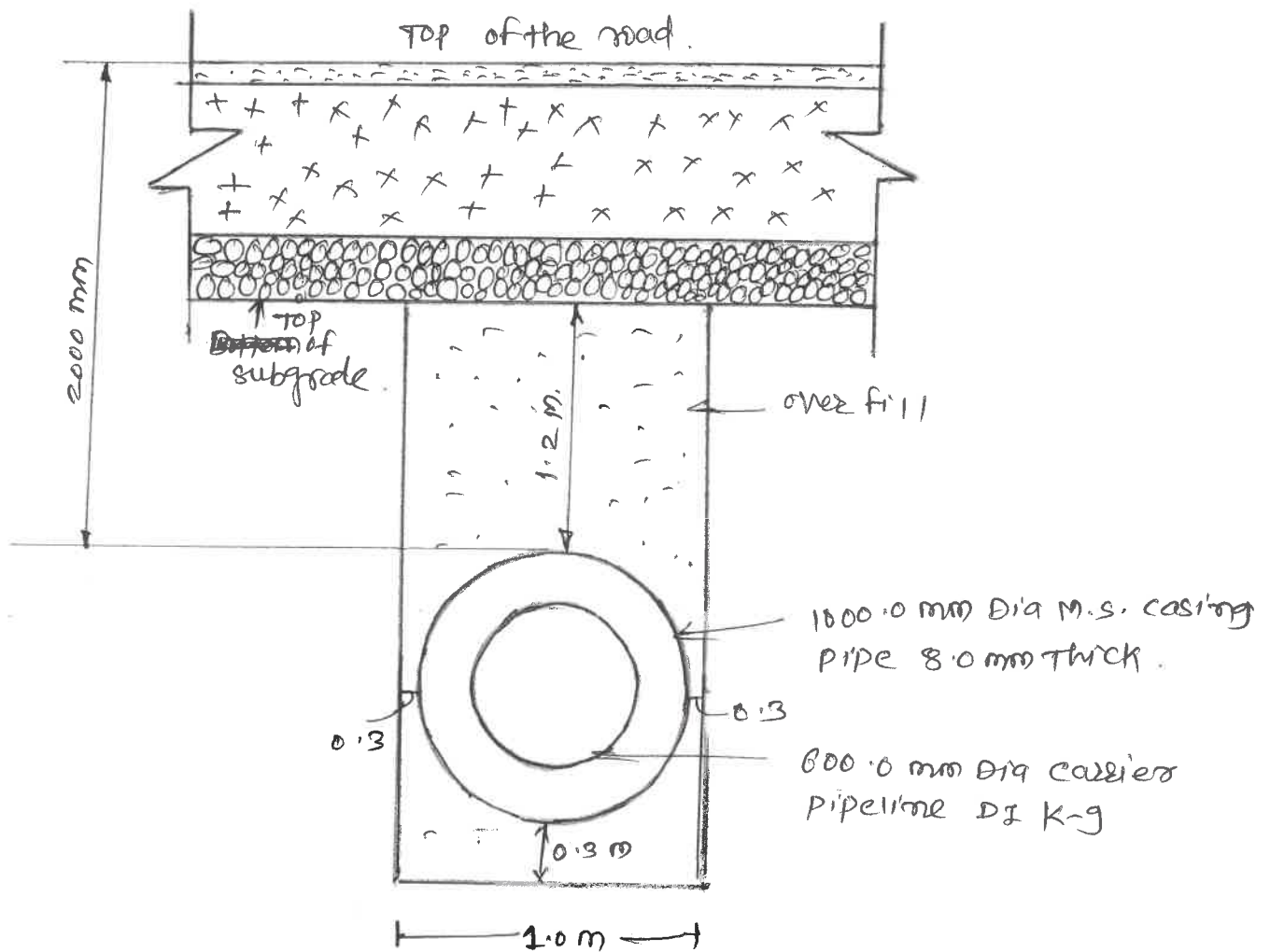
Open Trench Excavation

Open trench excavation is the traditional and most common method of sewer construction, repair or replacement. Open trench excavation consists of excavating down to and exposing the existing pipe so that it can be repaired or replaced, then backfilling the trench. The work will include some or all of these steps:

- Materials delivered and stored in the right of way
- Pavement cut to trench width using a pavement saw
- Trenches dug to the curb to install laterals, which connect the individual properties to the sewer mains
- Pavement and material removed by large equipment and loaded into dump trucks
- Pipe installed in trench
- Trench backfilled with sand or gravel and compacted
- Temporary pavement installed as work progresses forward
- Curb and sidewalk repaired or replaced if necessary or specified in plans
- Trenches permanently paved when there is enough distance between the paving crew and the pipe crew
- Impacted planting strips re-seeded, streets cleaned, and other remaining restoration completed as paving is finished
- After construction hours, work crews may cover trenches with steel plates to restore traffic lanes until construction resumes.
- Traffic congestion in the area will increase and you will experience delays in getting to your destination.
- The contractor will maintain local access for residents in the construction zone, but you should expect delays.
- Construction creates noise, vibration, and dust and will disrupt normal neighborhood activity.
- Equipment and material will be secured and left on the street after work hours.
- A city construction inspector will be on-site during work hours. If you have an immediate need during construction, the on-site inspector may be able to assist you.
- There will be no loss of service to any properties during construction.
- There may be periods of inactivity between these steps.
- Construction hours will be 7:00 a.m. to 6:00 p.m. Monday through Friday. The contractor may schedule work during the same hours on Saturday.

ANNEXURE 5
STANDARD CROSS SECTION DRAWING OF TRENCH AND C/S OF ROAD

CROSS SECTION OF HDD.



Crossing of Water pipeline by HDD
Method at chainage 321.700 km on NH09.




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ANNEXURE 6
PIPELINE LAYING METHODOLOGY

Road Crossing Pipe will Be Laid Push Through Road crossing at Chainage No. 321/700
(At Push Through), Length = 60 M for the total length of 60 RMT

➤ **As per MJP CSR Specifications**

Pushing of 1000 mm dia. Of MS Casing pipe with water pipe line of 600 mm DI K-9 for Road crossing by push through method in all types of strata by using hydraulic jack and drilling machines M.S. casing pipes, lowering, laying, jointing of material, required welding machinery, tripod, chain pulley block Crain blower, compressor, loading and unloading of machinery into the trench etc. transportation and dewatering etc. complete. Lowering,

➤ **Actual Field Methodology**

➤ The pilot hole is drilled with a diameter of 100 mm along the proposed design centreline.

➤ Then, the pilot hole is enlarged by back reaming to the desired 1000 mm dia. Of MS Casing pipe with DI water pipe line of 600 mm diameter by successive passes of different-sized back reamers, to install the desired utility product pipe.

➤ The product pipe is connected to the end of the drilling rod and back reamer assembly by a swivel and pulled through the enlarged pilot hole.

➤ The pilot hole is normally drilled by a surface launched rig with an inclined carriage, that is typically adjusted at an angle of 8 to 18 degrees from the surface of the ground for entrance and between 8 and 12 degrees at the exit. Rotating the drill bit, assisted by the thrust force transferred from the drill string, performs soil cutting in the mechanical drilling process. The mechanical drill bits may vary from a slim cutting head with a slanted face for small and short bore applications to a diamond mounted roller cutter used with mud motors for large and long crossings.

➤ The utility boring method utilizes high pressure, low-volume drilling fluid, usually bentonite mud, to jet through shallow, soft soil formations to ensure the surrounding formation will not become saturated and unstable.




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Advantages

1. Minimum surface disturbance, local landscaping, streets are left undisturbed.
2. No traffic disruption
3. Eco friendly – no noise, no waste disposal
4. Zero damage to existing underground utilities.

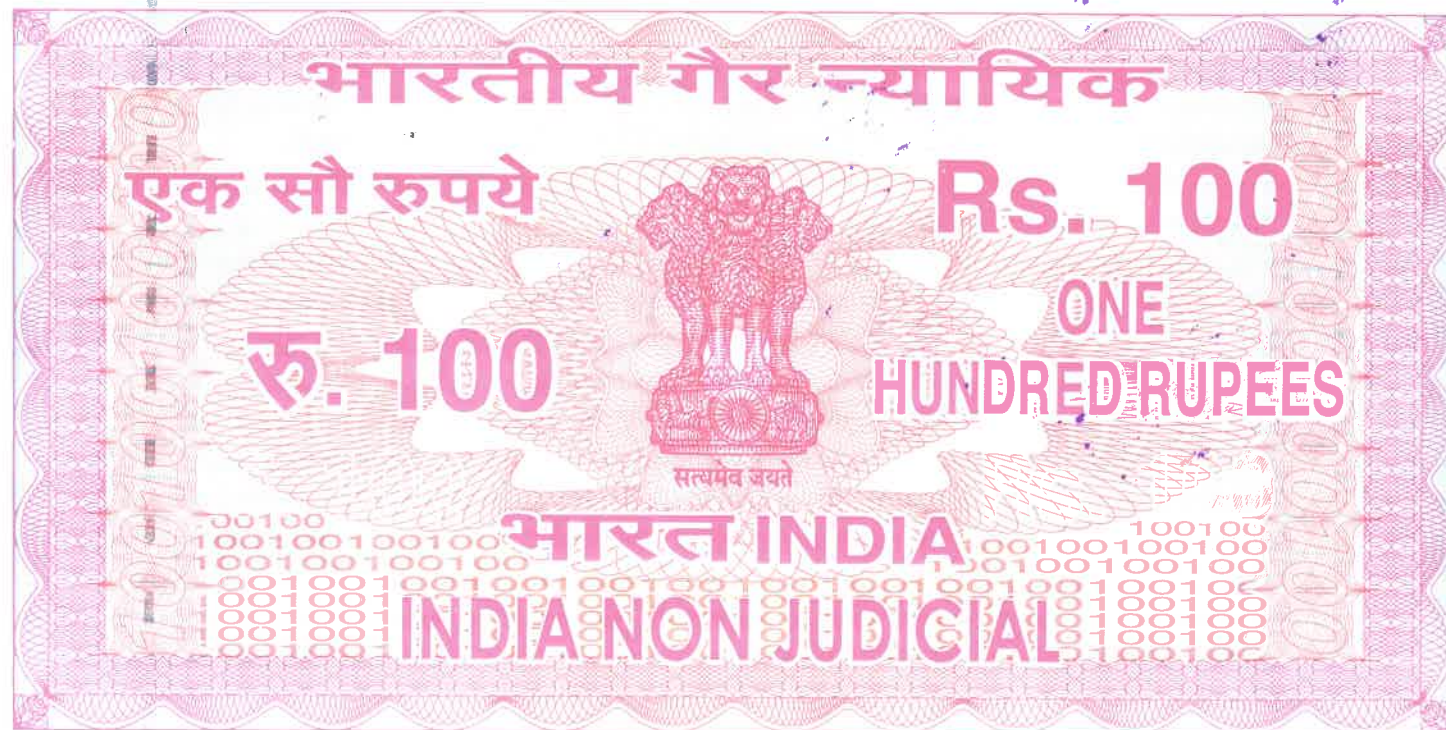
Safety Precautions during execution.

1. Informing area – specific local bodies like BSNL, Municipal councils, Electrical, water and sewerage etc. for carrying out HDD job.
2. Underground utility scanning is done through GPR.
3. Working area is cordoned off with barricading and display boards.
4. Sufficient lightening is done for night working.




Chief Officer
Municipal Council, Omerga

ANNEXURE 7
LICENSE AGREEMENT



महाराष्ट्र MAHARASHTRA

2024

15AB 293022

दिनांक 29 NOV 2024

श्री मुन्नाईकर क न 321.700

र. 321.700

हले 321.700 को 327.600 कारण

यांनी जलसुद्धांक () बा -

यांनी जलसुद्धांक ()

मुद्रांक दिने.

महाराष्ट्र मुद्रांक इंगळे

मुद्रांक विवेका त.का. 344-1 प्र.क्र. 3406003

LICENSE AGREEMENT

LICENCE DEED FOR LAYING OF WATER SUPPLY PIPES ON NATIONAL HIGHWAY LAND.

Agreement to lay water supply at /from From Chainage 321.700 to 327.600 km along existing road on south side along national highway no. 48 from Balsur road Umerga road and crossing at Chainage 321.700 on NHAI at balsur road of Umerga TQ Umerga, Dharashiv District.

1. An agreement made on the 29 day of the November (Month) of year two thousand twentyfour (to be written in word) between the president of india/National highway Authority of india (hereinafter called the government which expression shall, unless excluded by or repugnant to the context, include his successors in and office and assigns) of the one part and Municipal Council Umerga (Name of the party) (hereinafter called 'license' which expression shall unless excluded by or repugnant to the context include his heirs its successors/ their successors and assigns) of the other part.

2. Where as the license has/ licensees have applied to the government/NHAI for permission to lay water supply pipes at/ from Chainage 321.700 to 327.600 along existing NH road and crossing at 321.700 km on NHAI at Balsur road of Umerga, Dharashiv District.

3. And whereas the government/ NHAI have agreed to grant such permission on the terms and conditions hereinafter maintained.

4. Now this agreement witnesses that in consider of the conditions hereinafter contained and on the part of license/licensees to be observed and performed the Government/NHAI hereby grants to the licensee/licensees permission to lay water supply as per the approved drawing attached here to subject to the following conditions namely.

- (i) That the licensee/licensees shall within three months from the date hereof but without interfering with the road traffic. Complete the laying water supply pipes to be satisfaction of the divisional engineer/ project director in charge of the national highway (herein after referred to as the divisional / executive engineer/ project director/as applicable) in accordance with the drawings and specifications approved by the divisional/ executive engineer/project director.
- (ii) That the licensee/licensees shall be responsible for restoring the road and at his/ their own cost its original conditional after laying the water supply pipes or after any damage caused due to inadequate maintenance/ operation of the water supply pipes.
- (iii) That in case of any burst or leak of water supply pipes the licensee/licensees shall bear the entire cost of restoration of damaged caused to the road.
- (iv) the licensee/licensees shall not without prior permission in writing of the divisional/executive engineer/project director undertaking any work of shifting, repairs or alteration to the said water supply pipes.
- (v) That the licensee/licensees shall at all times permit any duly authorized officer or servant of the government/NHAI to inspect the said water supply pipes.
- (vi) That the licensee/licensees shall be liable for any loss or damage caused to the Government/NHAI or by drainage obstruction or any other like cause due to the said water supply pipes.
- (vii) That the licensee/licensees within two month of a notice given to him to this behalf by the NHAI/government shall at his/ their own cost remove the water supply pipes and restore the road land to its original conditions when required to do so by the Government/NHAI or by any person authorized on its behalf. The licensee/licensees shall not be entitled to any compensation on account of such removal or restoration.
- (viii) That the licensee/licensees shall fail to execute any work which he has/they have agreed to execute under this agreement to the entire satisfaction of the project director NHAI/ Government at the cost of the licensee/licensees are arrears of the land revenue without prejudice to any other remedies which may be open to the Government/NHAI in this behalf.
- (ix) That the licensee/licensees shall not sell, transfer or other dispose of the premises without obtaining the previous consent of the Government/NHAI in writing.
- (x) That the licensee/licensees will remain in force for a period of five years from the date of execution in the first instance and be terminated by a notice of two month and the permission may not be renewed after the expiry of the said period.
- (xi) That the permission granted by this license shall not be in any way to be deemed to convey to the licensee/licensees any right to or over or any interest in Government land other what is herein expressly granted.
- (xii) That during the subsistence of this license, the water supply pipes located on the road shall be deemed to have been constructed and continued only by the consent and permission of the

government so that the right of the licensee/licensees to the use there of shall not become absolute and indefeasible by lapse of time.

(xiii) That the licensee/licensees shall bear the stamp duty charges on this agreement

(xiv) Govt. of India/NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise to the underground electrical cable.

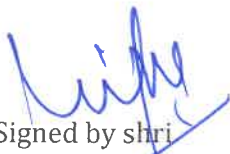
5.The water supply shall not be brought into use by the licensee/licensees unless a completion certificate to the effect that the water supply pipes have been laid in accordance with the approved specifications and drawings has been obtained from the project director NHAI.

6. That licensee shall be abide by the conditions enclosed herewith in Annexure-1.

7.Notwithstanding anything contained in Clause 4 (vii) the license any be cancelled at any time by the government for a breach of any condition of the license and the licensee/licensees shall not be entitled to any loss caused to it by such cancellation, nor shall it be absolved from any liability already incurred under this agreement.

8.Annexure -1 stipulating the conditions to be enclosed/incorporated in the approval letter for permission for laying of water pipeline shall be the part of the agreement.

This agreement has been executed in duplicate and each party to this agreement has retained one stamped copy each.



Signed by shri
Ramkrushna Sampat Jadhavar
The licensee
The constituted attorney of the India
India

Signed by shri
()
Project Director
National Highways Authority of

For and on behalf of
President of India

In the Presence of

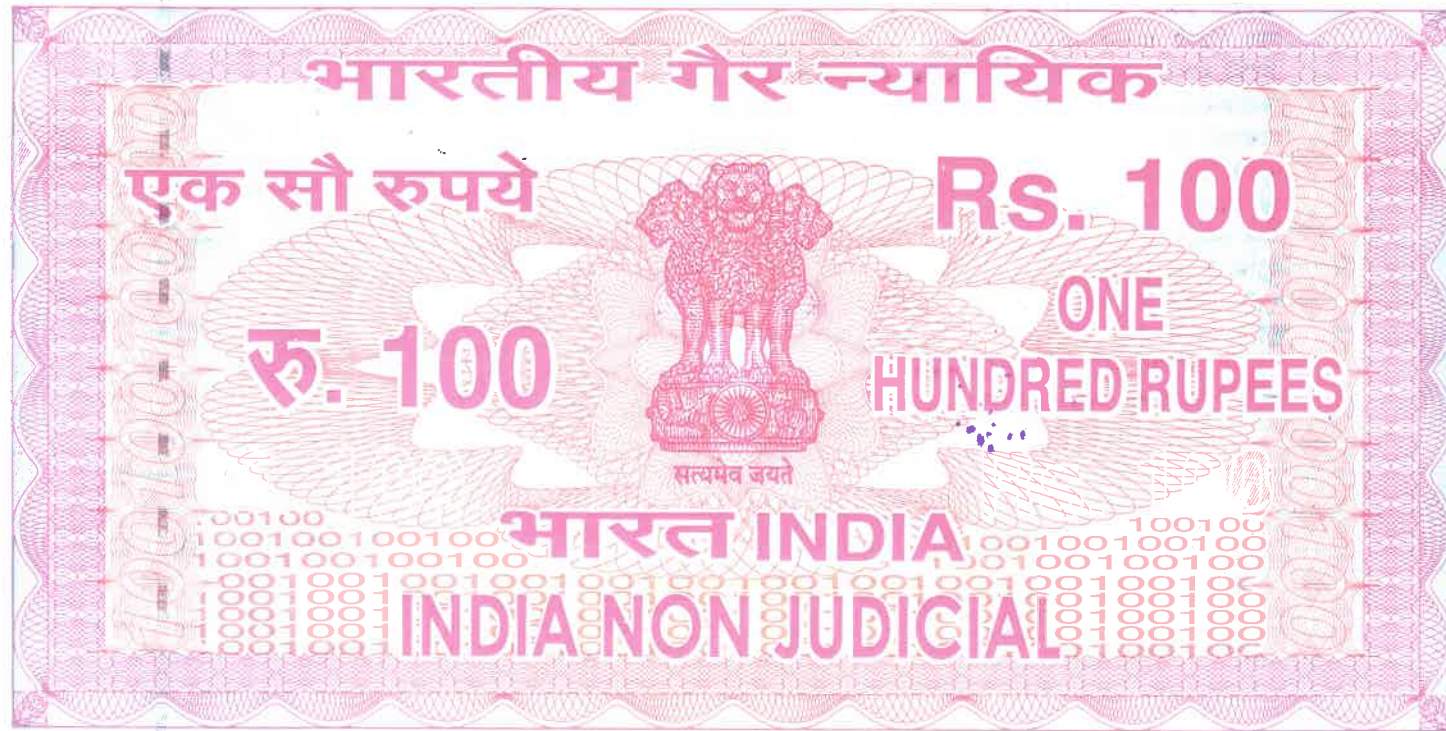
1. Name in full (Signature)
with Designation

1. Name in full (Signature)
with Designation

2. Name in full (Signature)
with Designation

2. Name in full (Signature)
with Designation

ANNEXURE 8
UNDERTAKING OF BG



महाराष्ट्र MAHARASHTRA

2024

15AB 293021

उपराज अ.क्र. २२८५ दिनांक 29 NOV 2024

श्री. सुरेशचंद्राजी न. व. उमगा

रा. ता. उमगा

हजे 216244 का 244 कारण

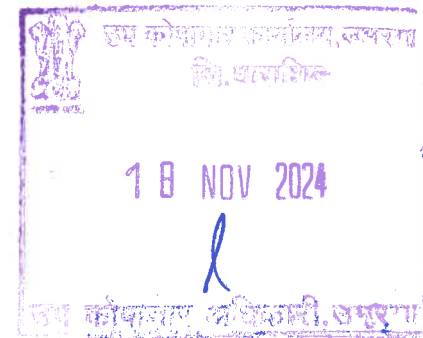
बांकी जवतल मुद्रांक ()वा -

बागिचाले वरुन भरतीस ()

मुद्रांक दिने.

गणेश सुरेशचंद्रा इंगळे

मुद्रांक विक्रेता त.का. उमगा प्र.क्र. ३५०६००३



Date 29/11/2024

UNDERTAKING

1. We do undertaking that we shall bear the expenditure, if any incurred by NHAI repairing any damage caused to the national highway by laying, maintenance or shifting of the MUNICIPAL COUNCIL UMERGA water pipeline.
2. We do undertake that we are agreeable to the terms and conditions laid in the draft agreement and here by confirm the signing of the agreement within 30 days of receipt of the approval from NHAI we also confirm the agreement deposit of the statutory fees / user charges / bank guarantee as applicable and agreed in the agreement at the time of signing of the agreement.

क्रमांक प्रकाश, अर्द्धवर्षीय कमाक
नवीन नोंदणी करणारा आहत का
नोंदणी होणारा अर्द्धवर्षीय दुय्यम निबंधक कर्मचारीचे २९ नव २०२४
मिळकतीचे वर्षात
पावदला रकम
पुढाक विविध घणान्याचे नाव
दुसऱ्या पक्षकाराचे नाव
हस्त अस्तव्यस्त त्याचे नाव व पत्ता
पुढाक शुल्क रकम
पुढाक विविध नोंद वही अ.क्र.
पुढाक विविध घणान्याची सती
९.५.वि.जी.एस.इंगळे प.क्र. ३५०६००००
नमोसल कार्यालय आदारा, उमर्गा

मुमकिन न ५ उमर्गा

29 NOV 2024 29 NOV 2024

GA

We also undertake that bank guarantee shall be renewal as and when required and as directed by NHAI.

3.We do undertaking that if the NHAI considers it necessary in future to move the Municipal Council Umerga water pipeline for any work of improvement of repairs to the road, it will be carried out as desired by NHAI at the cost of Municipal Council Umerga within the reasonable time exceeding 60 days of the intimation given.

4.We do undertaking that while laying of the pipeline along NH 364 we shall take care of the existing utilities and service lines that have been previously laid. In case of any damage, we shall pay the necessary repair charges either to NHAI or to the concerned agency.

5.We do undertaking that, we shall deposit / submit the statutory fees / user charges/bank guarantee as applicable and demanded by NHAI.

We also undertaking that bank guarantee shall be renewal as and when required and as directed by NHAI.

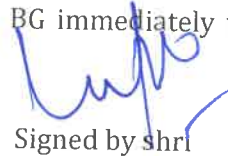
6.We do undertaking that we shall follow and abide by all that standard conditions of ministry circulars and NHAI guidelines regarding laying of the pipeline in the national highway land.

7.We do undertake that we shall shift our Municipal Council Umerga Water pipeline as and when required by NHAI at our own cost and risk.

8. We do undertake that shall shift and relocate our Municipal Council Umerga Water pipeline as and when required by NHAI due to future six laning / widening of national highway at our own cost and risk.

9. We do identify NHAI against all damages and claims that will be incurred by NHAI while laying our Municipal Council Umerga Water pipeline along national highway.

10. We do undertake that we shall manage and control the ongoing traffic movement while laying our Municipal council Umerga Water pipeline along National highway. We shall carry out our pipeline laying work without hampering ongoing traffic.
11. We do undertake that if any claim is raised by the concessionaire towards any damage or any other reason thereof then the same shall be paid to us.
12. We do undertake that we shall take the prior approval of the NHAI before starting or undertaking any work of installation, shifting or repairs or alterations to the Municipal Council Umerga Water pipeline located in national highways right of the ways.
13. We do undertake that we shall bear the expenditure, if any, incurred by NHAI for repairing any damage caused to the national highway by laying, maintenance or shifting of the Municipal Council Umerga Water pipeline.
14. We do undertake that we will relocate service road / Approach road / Utilities at my own cost notwithstanding the permission granted within such time as will stipulated by NHAI for future six laning or any other development.
15. We undertake that no claim shall be made by the agency in case of revenue loss/ any other losses / insurance etc. at the time of shifting the pipe.
16. We undertake that we can submit License fee and BG immediately when permission proposal is granted.



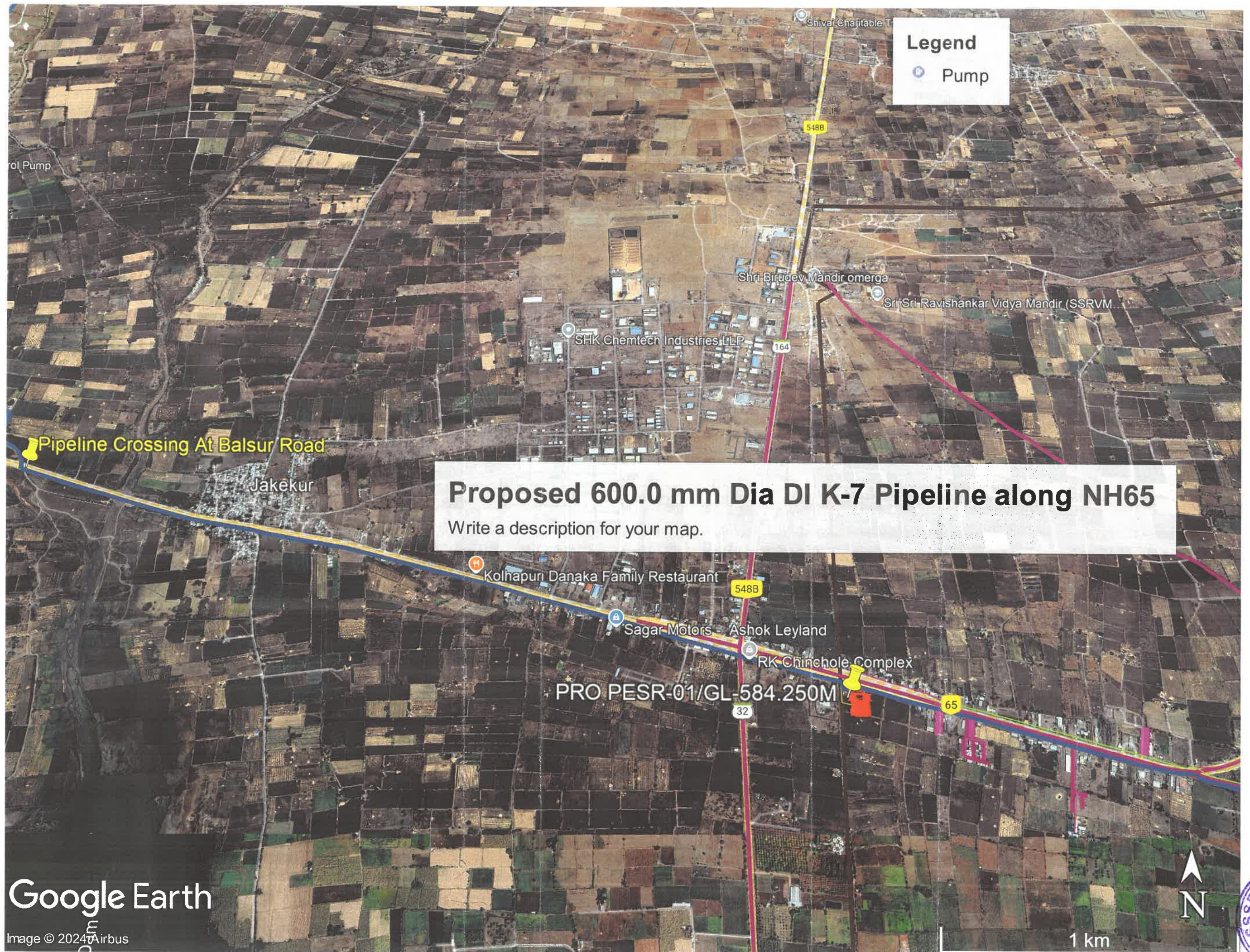
Signed by Shri

Ramkrushna Sampat Jadhavar
Chief Officer Municipal Council Umerga

CERTIFICATE

For the proposal of laying of Water pipeline Along the Road.

We do certify that laying of water pipeline will not have any deleterious effects on any bridge components and roadways safety for traffic of NHAI.



Chief Officer

