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(सड़क परिवहन और राजमार्ग मंत्रालय)  
National Highway's Authority of India  
(Ministry of Road Transport & Highways)  
क्षेत्रीय कार्यालय, मदुरै / Regional Office, Madurai  
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### INVITATION OF PUBLIC COMMENTS

NHAI/15018/4.5/06/2021/RO-Madurai/E-12802/470

10.02.2022

**Sub:** NHAI - RO-Madurai - PIU, Nagercoil - Proposal for laying of Underground Water Supply Pipelines in Kuzhithurai Municipality WSIS along the NH from Km 602/020 to Km 602/150, Km 602/150 to 603/580, Km 603/580 to Km 603/730, Km 604/860 to 607/300 (LHS), Km 602/030 to Km 603/730, Km 604/530 to Km 604/880, Km 606/300 to Km 607/300 (RHS) and across the NH at the Km 602/150, Km 602/665, Km 603/630, Km 603/730, Km 604/860, Km 606/300, Km 606/965 and Km 607/300 in Salem-Cochin-Kanyakumari Section in the State of Tamil Nadu - Proposal submitted - Reg.

The proposal regarding permission for Underground Water Supply Pipelines in Kuzhithurai Municipality WSIS along the NH from Km 602/020 to Km 602/150, Km 602/150 to 603/580, Km 603/580 to Km 603/730, Km 604/860 to 607/300 (LHS), Km 602/030 to Km 603/730, Km 604/530 to Km 604/880, Km 606/300 to Km 607/300 (RHS) and across the NH at the Km 602/150, Km 602/665, Km 603/630, Km 603/730, Km 604/860, Km 606/300, Km 606/965 and Km 607/300 in Salem-Cochin-Kanyakumari Section of NH-47 in the State of Tamil Nadu was submitted to this office by PD, PIU, Nagercoil vide letter No. NHAI/PD/PIU/NGL/NH-47/NOC/2021/2058 dated 22.12.2021 & Modified proposal vide letter dated 02.02.2022 in accordance with Ministry's latest guidelines dated 22.11.2016.

2) The alignment proposed by the Executive Engineer, TWAD Board, RWS Division, Nagercoil for laying Water Supply Pipeline along and across the NH at Salem -Cochin - Kanyakumari section in the State of Tamil Nadu i.e. for a length of 7334.90 m as detailed under:

Stretch in Km	Dia of the pipe (m)	Length in Meters	Available ROW (in Meter)		Distance of WSPL from C/L (in Meter)		Distance to the casing pipe from the top of the sub grade/ GL (m)	Method of Laying of WSPL
			LHS	RHS	LHS	RHS		
Along NH-45								
Km 602/020 to Km 602/150 (LHS)	0.11 m dia HDPE Pipe	130	6.30 to 9.45	7.80 to 10.20	6.00 to 9.15	-	0.94	By Open Trench Method, at the extreme

*[Signature]*

Stretch in Km	Dia of the pipe (m)	Length in Meters	Available ROW (in Meter)		Distance of WSPL from C/L (in Meter)		Distance to the casing pipe from the top of the sub grade/ GL (m)	Method of Laying of WSPL  edge of the ROW.
			LHS	RHS	LHS	RHS		
Km 602/150 to Km 603/580 (LHS)	0.11 m dia HDPE Pipe	1430	5.45 to 10.10	5.85 to 10.20	5.15 to 9.80	-	0.94	
Km 603/580 to Km 603/730 (LHS)	0.1 m dia DI Pipe	150	5.45 to 7.75	6.95 to 7.75	5.15 to 7.45	-	0.95	
Km 604/860 to Km 607/300 (LHS)	0.11 m dia HDPE Pipe	2440	6.75 to 10.80	7.25 to 11.05	6.35 to 10.40	-	0.94	
Km 602/030 to Km 603/730 (RHS)	0.11 m dia HDPE Pipe	1700	5.45 to 10.10	5.85 to 10.20	-	5.55 to 9.90	0.94	
Km 604/530 to Km 604/880 (RHS)	0.11 m dia HDPE Pipe	350	7.20 to 8.60	7.25 to 8.70	-	6.85 to 8.30	0.94	
Km 606/300 to Km 607/300 (RHS)	0.1 m dia DI Pipe	1000	6.75 to 10.80	7.55 to 11.05	-	7.15 to 10.65	0.95	
Across NH-45								
At Km 602/150	0.14m dia HDPE Pipe with 0.25m dia encasing pipe	16.60	6.35	10.25	-	-	2.00	By Trenchless Method at a distance of 2m from the top of sub-grade to the casing pipe.
At Km 602/665	0.1m dia DI Pipe with 0.15m dia	17.10	7.70	9.40	-	-	2.00	

Stretch in Km	Dia of the pipe (m)	Length in Meters	Available ROW (in Meter)		Distance of WSPL from C/L (in Meter)		Distance to the casing pipe from the top of the sub grade/ GL (m)	Method of Laying of WSPL
			LHS	RHS	LHS	RHS		
	encasing pipe							
At Km 603/630	0.14m dia HDPE Pipe with 0.25m dia encasing pipe	13.50	6.75	6.75	-	-	2.00	
At Km 603/730	0.14m dia HDPE Pipe with 0.25m dia encasing pipe	15.30	7.65	7.65	-	-	2.00	
At Km 604/860	0.14m dia HDPE Pipe with 0.25m dia encasing pipe	19.40	10.20	9.20	-	-	2.00	
At Km 606/300	0.2m dia DI Pipe with 0.35m dia encasing pipe	17.20	8.85	8.35	-	-	2.00	
At Km 606/965	0.14m dia HDPE Pipe with 0.25m dia encasing pipe	18.10	8.75	9.35	-	-	2.00	
At Km 607/300	0.14m dia HDPE Pipe with 0.25m dia encasing pipe	17.70	8.85	8.85	-	-	2.00	

3) The Right of Way is varying from 12.10 m to 21.60 m in the aforesaid stretch. The Executive Engineer, TWAD Board, RWS Division, Nagercoil has proposed to lay Water Supply Pipeline along the NH from Km 602/020 to Km 602/150, Km 602/150 to 603/580, Km 603/580 to Km 603/730, Km 604/860 to 607/300 (LHS), Km 602/030 to Km

603/730, Km 604/530 to Km 604/880, Km 606/300 to Km 607/300 (RHS) and across the NH at the Km 602/150, Km 602/665, Km 603/630, Km 603/730, Km 604/860, Km 606/300, Km 606/965 and Km 607/300 in Salem-Cochin-Kanyakumari Section in the State of Tamil Nadu. Further, the Executive Engineer, TWAD Board, RWS Division, Nagercoil has given undertaking that the lay of supply pipeline is proposed to lay by **Open Trench Method** (Km 602/020 to Km 602/150, Km 602/150 to 603/580, Km 603/580 to Km 603/730, Km 604/860 to 607/300 (LHS) & Km 602/030 to Km 603/730, Km 604/530 to Km 604/880, Km 606/300 to Km 607/300 (RHS)) & **HDD Method** (Km 602/150, Km 602/665, Km 603/630, Km 603/730, Km 604/860, Km 606/300, Km 606/965 and Km 607/300) at a depth of 2 m distance to the casing pipe from the top of the sub grade which is in conformity with Ministry's latest guidelines dated 22.11.2016.

4) The Executive Engineer, TWAD Board, RWS Division, Nagercoil has furnished an undertaking to the effect that they will shift the laid Water Supply Pipeline in future if required by NHAI at their own cost. Also, certified that, the proposed laying of Water Supply Pipeline work will not to damage any other utility, if damaged, they will pay the losses either to NHAI or to the concerned agency.

5) As per the guidelines issued by the Ministry vide letter No. RW/NH-33044/29 /2015/S&R(R) dated 22.11.2016, the application submitted by the applicant is available for Public comments and the comments may be invited within 30 days from the day of uploading.

In view of the above, comments of the Public on the above proposal is invited to the below mentioned address:

This is issued with the approval of RO-Madurai.

Encl: As Above.

  
(Govindasamy K) 10/02/2022  
Deputy General Manager (Tech.)  
Regional Office - Madurai.

Copy to:

1. The NIC, New Delhi - for uploading in the Ministry's website.
2. The PD, Dindigul - for information.