



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)
क्षेत्रीय कार्यालय, मदुरै / **Regional Office, Madurai**

दूसरा व तीसरा तल, विजय कृष्ण प्लाजा, संख्या-1, लेक एरिया, मेलूर मेन रोड, माटुतावनी, मदुरै-625 107
2nd & 3rd Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai-625 107
दूरभाष / Tele : +91-452-258 8999 वेब / Website : www.nhai.gov.in ई-मेल / E-mail : romadurai@nhai.org



NHAI/15018/4.3/03/2024/RO Madurai/E-256106/1136

7th August, 2024

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, कराइकुडी - Laying of water pipeline 1100 mm dia (Thiruppathur-Thirumayam section) of NH-226 along the road from Km 98/280.00 to Km 102/280.00 (RHS) and across the road at Km 102/280.00 for Retrofitting of existing combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukkottai District under JMM, by open trench & HDD method - Invitation of Public Comments -Reg.

प्रसंग :PD, Karaikudi Lr. no. 12034/28/2024-PIU KKDI/E-256106/1139 dated 25.07.2024.

The Proposal is regarding permission for laying of underground water pipeline of 1100 mm dia (Thiruppathur-Thirumayam section) of NH-226 along the Road from Km 98/280.00 to Km 102/280.00 (RHS) and across the road at Km 102/280.00 in the State of Tamil Nadu by Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai which has been submitted to this office by PD, PIU, Karaikudi vide Lr. no. 12034/28/2024-PIU KKDI/E-256106/1139 dated 25.07.2024 in accordance with Ministry's latest guidelines dated 22.11.2016.

- The alignment proposed by Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai for laying of underground water pipeline 1100 mm dia (Thiruppathur-Thirumayam section) of NH-226 along the road from Km 98/280.00 to Km 102/280.00 (RHS) by Open Trench method and across the road at Km 102/280.00 by HDD method is as detailed under:

Stretch in Km	Length (m)	Dia of the pipe (in mm)	Available ROW (in m)		Remarks
			LHS	RHS	
Along NH-226: Km 98/280.00 to Km 102/280.00 (RHS)	4000	1100 mm Dia MS Carrier Pipe	16-23	22-29	Laying of pipe line along the extreme edge of ROW at a distance of 0.5 m from the ROW edge.
Across NH-226: Km 102/280.00		1400 mm Dia MS encasing pipe with	18	27	Laying of pipe line along by HDD Method at a depth minimum

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Page 1 of 2

NHAI/15018/4.3/03/2024/RO Madurai/E-256106/ 1136

7th August, 2024

	45	1100 Dia MS Carrier Pipe		of 1.20 m top of the sub grade.
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3) The Right of Way is 45 m in the aforesaid stretch. Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai has proposed for laying of underground water pipeline 1100 mm dia (Thiruppathur-Thirumayam section) of NH-226 along the road from Km 98/280.00 to Km 102/280.00 (RHS) and across the road at Km 102/280.00 by Open Trench and Trenchless method in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai has furnished an Undertaking to the effect that the applicant will move the laid water pipeline in future if required by NHAI at any time for expansion of the NH at their own cost without claiming any compensation from NHAI. Further, mentioned that Executive Engineer, TWAD Board, Project Division, Karaikudi will also undertake not to damage any other utility, if damaged, 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 proposal submitted by the applicant will be made available for public comments and the comments is 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:

Regional Officer,
National Highways Authority of India,
No.2nd & 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road, Mattuthavani,
Madurai - 625 007.

भवदीय

महेन्द्र मीना
०७/०८/२४

(महेन्द्र मीना| Mahendra Meena)
प्रबंधक (तक)| Manager (Tech)
क्षे.का. मदुरै|RO-Madurai

संलग्न: As above

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

List of Correspondences

Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1022224/2024/PIU - Karaikudi	NHAI – PIU, Karaikudi – Laying of water pipeline 1100 mm dia (Thiruppathur-Thirumayam section) of NH-226 Road along the Road from Km.98+280.00 to Km.102+280.00 (RHS), for Retrofitting of existing combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukkottai District under JMM, by open trench & HDD method – Proposal submitted – Approval – Requested – Reg.	Receipt		25/07/2024 07:37 PM		1-84	-



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

उप महाप्रबंधक (तकनीकी) सह परियोजना निदेशक के कार्यालय

परियोजना कार्यान्वयन इकाई - करैकुडी

Office of the Deputy General Manager (Tech) & Project Director
Project Implementation Unit - Karaikudi

नं.1, दूसरी मंजिल, सुब्रमण्यपुरम तीसरी स्ट्रीट, करैकुडी - 630 002

No. 1, 2nd Floor, Subramaniapuram 3rd Street, Karaikudi - 630 002

दूर / Tele : +91- 4565 230707 ई-मेल / E-mail : karaikudipiu@gmail.com, karaikudi@nhai.org



12034/28/2024- PIU KKDI/E-256106/1139

25th July 2024

To

The Regional Officer,
National Highways Authority of India,
Regional Office, Madurai.

Sir,

Sub: NHAI - PIU, Karaikudi - Laying of water pipeline 1100 mm dia (Thiruppathur-Thirumayam section) of NH-226 Road along the Road from Km.98+280.00 to Km.102+280.00 (RHS), for Retrofitting of existing combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukkottai District under JMM, by open trench & HDD method - Proposal submitted - Approval - Requested - Reg.

- Ref:
1. The Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai, Lr.No.: Nil, dated 09.07.2024 (received on 11.07.2024).
 2. RE, M/s. Bloom Companies, Pudukkottai, Lr.No.: 002/Bloom/RE/T-M/NH-36/2024/500, dt: 15.07.2024 (received on 16.07.2024).

It is submitted that the Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai vide reference 1st cited has submitted the proposal for seeking permission for laying of 1100mm dia MS water supply pipeline along the Road from Km.98/280.00 to Km.102/280.00 (RHS) and Across the road at Km.102/280 of Thirumayam - Manamadurai section of NH-226/36(New) by encasing through 1400mm dia MS Pipe for a length of 4045 meters.

2. The same has been forwarded to the Supervision Consultant to offer their comments & recommendations. The Resident Engineer, M/s. Bloom Companies, Pudukkottai vide reference 2nd cited has verified and confirmed that the submitted proposal is found to be in order and recommended for according approval.

3. On scrutiny of the proposal, the following details are submitted:

a) The Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai has proposed the laying of 1100mm dia MS water supply pipeline along the Road from Km.98/280.00 to Km.102/280.00 (RHS) and Across the road at Km.102/280 of Thirumayam - Manamadurai section of NH-226/36(New) by encasing through 1400mm dia MS Pipe for a length of 4045 meters.

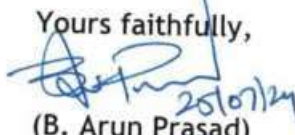
b) The width of the Existing ROW is 45 m.

2

National Highways Authority of India

- c) The strip plan showing the details of the proposed laying of the water supply pipeline and the necessary checklist are furnished along with the proposal.
 - d) The Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai has given an undertaking that they will relocate pipelines/utilities at their cost notwithstanding the permission granted within such time as stipulated by NHAI for future 4 laning or any other development.
 - e) The Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai has given an undertaking on non-judicial stamp paper, that they will pay the fee/rent as mentioned in the MoRT&H Guidelines / Circular No.RW/NH-33044/29/ 2015/S&R (R) dated 22.11.2016 as and when asked by NHAI.
 - f) The track rent and restoration charges to be collected from the agency are calculated as per the MoRT&H Guidelines / Circular No.RW/NH-33044/29/ 2015/S&R (R) dated 22.11.2016.
 - g) The cost of restoration charges for the laying of the water supply pipeline is worked out as **Rs.21,00,000/- (Rupees Twenty-One Lakh only)** for which the applicant is required to furnish the BG having validity up to one (1) year as per the Annexure-I.
 - h) The track rent to be collected for laying of the water supply pipeline along the road is worked out for five years as **Rs.4,85,185/- (Rupees Four Lakh Eighty-Five Thousand One Hundred and Eighty-Five Only)** for which the applicant is required to be remitted in Bharatkosh Portal valid for upto Five (5) years period as per the Annexure-II.
 - i) The statement showing the list of utility services already approved by the Competent Authority is enclosed as Annexure-III.
 - j) Certificate by the undersigned is enclosed as Annexure-IV.
 - k) The site will be restored to the original condition by the utility department itself.
4. In view of the above, it is requested that the necessary permission may please be granted to the Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai for laying of 1100mm dia MS water supply pipeline along the Road from Km.98/280.00 to Km.102/280.00 (RHS) and Across the road at Km.102/280 of Thirumayam - Manamadurai section of NH-226/36(New) by encasing through 1400mm dia MS Pipe for a length of 4045 meters in the state of Tamil Nadu at an early date.

Encl: 1 No. of Original Proposal with references.

Yours faithfully,

 (B. Arun Prasad)
 DGM(T) & Project Director
 NHAI, PIU, Karaikudi

Copy to: The Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai.

National Highways Authority of India

ANNEXURE-I

Performance security against the restoration work for laying of 1100mm dia MS water supply pipeline along the Road from Km.98/280.00 to Km.102/280.00 (RHS) and Across the road at Km.102/280 of Thirumayam - Manamadurai section of NH-226/36(New) by encasing through 1400mm dia MS Pipe for a length of 4045 meters.

Sl. No.	Description	Length in mtrs.	
A.	Laying of water supply pipeline along the road by Open Trench Method		
	Km.98/280 - 102/280	=	4000
	Total Length	=	4000
	Cost of Restoration Charges @ Rs.500.00 per running meter (4000 x 500)	=	2000000
B.	Laying of water supply pipeline across the road by HDD Method		
	Cross the road @ Km.102/280 (1 Location)	=	1
	Cost of Restoration Charges @ Rs.1,00,000/- per Crossing (1 x 100000)	=	100000
Grant Total			2100000
			Say Rs.21.0 Lakhs



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LICENSE FEES FOR PUBLIC UTILITY (Pipeline) (Rs/Sqm/Month)
 Utilized NH Land area X prevailing Circle Rate of Land per unit area X 1.5% per annum

ANNEXURE-II

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)	LICENSE FEE (PUBLIC UTILITY) (Rs)
		FROM	TO						
i	Along the road								
1	Vaniankadu	98.280	99.800	RHS	1520	1.400	2128.00	560.00	17875.00
2	Thenmapattu	99.800	102.280	RHS	2480	1.400	3472.00	1520.00	79162.00
TOTAL					4000.00		5600.00		97037.00
License Fee for 5 years									485185

Minimum License Fee**10000**

Add: 6% per annum for 2 year	600.0	10600
Add: 6% per annum for 3 year	636.0	11236
Add: 6% per annum for 4 year	674.2	11910
Add: 6% per annum for 5 year	714.6	12625

Minimum License Fee for Public Utility for 5 years**56371 /-**


Maintaining Records of Right-of-Way permission granted for laying of utilities

1. Name of State : TAMIL NADU

2. Name of Agency : NATIONAL HIGHWAYS AUTHORITY OF INDIA, PIU, KARAIKUDI

3. NH Number : THIRUMAYAM - MANAMADURAI SECTION OF NH 226 (NEW NH 36)

Sr. No.	Location (chainage in km)	Left or Right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of Service	Name of License and contact address	Date of signing agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MoRT&H Standard norms	Remarks
1	Along the road from Km.134/430 to Km.134/550 (RHS) and Km.134/550 to Km.150/930(LHS) and across the road at Km.124/700 & Km.134/550 and across the road crossing at Km.137/150 (LHS); Km.140/020 (LHS)	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Sivagangai	18.02.2022	17.02.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.4.3/2019/RO Madurai/E:96983/548, dt:18.02.2022.
2	Along the road from Km.94/400 to Km.95/900 (RHS) [63mm dia]; and Km.105/200 to Km.110/000 (RHS) [140mm dia]; by open trench method and across the road at Km.94/400; Km.96/000; Km.97/300; Km.106/700; Km.109/400 & Km.110/000	RHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.3.5/2019/RO Madurai/E:119950/841, dt:23.03.2022
3	Along the road 914mm dia pipe from Km.95/900 to Km.98/200 (RHS) by open trench method & across the road at Km.95/900 by trenchless method	RHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.7.6/2019/RO Madurai/E:118232/842, dt:23.03.2022
4	Along the road 63mm dia HDPE pipe from Km.113/850 to Km.114/600 (LHS); 50mm dia HDPE pipe from Km.114/600 to Km.114/780 (LHS) by open trench method & across the road at Km.114/600 by trenchless method	LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.7.6/2019/RO Madurai/E:118232/843, dt:23.03.2022
5	Along the road from Km.148/380 to Km.152/600 (RHS); Km.152/600 to Km.153/330 (BHS); Km.153/330 to Km.153/480 (RHS) and across the road at Km.151/530; Km.153/020 & Km.153/330	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Sivagangai	06.07.2022	05.07.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.3.6/2019/RO Madurai/E:121577/1878, dt:07.07.2022.
6	Along the road from Km.119/100 to Km.131/800 (LHS) & across @ Km.124/340 & Km.129/390	LHS	Thirumayam - Manamadurai section of NH 226	Optical Fibre Cable	The Authorized Signatory, M/s.Telesonic Networks Ltd., Chennai.	26.08.2022	25.08.2027	-	-	RO, Madurai approval letter No.NHAI/15018/3.4.9/2021/RO Madurai/E:129048/2107, dt:26.08.2022.

National Highways Authority of India

Sr. No.	Location (chainage in km)	Left or Right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of Service	Name of License and contact address	Date of signing agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MoRT&H Standard norms	Remarks
7	Along the road from Km.117/600 to Km.121/000 RHS & crossing at Km.117/550 & Km.120/950	RHS	Thirumayam - Manamadurai section of NH 226	Over Head Electrical Lines & Poles	Managing Director, M/s. Shri Dhanalakshmi Spintex Pvt. Ltd., Coimbatore.	-	-	-	-	RO, Madurai accorded in-principle approval in Lr.No.2360, dt:30.09.2022. Applicant submitted License Agreement on 29.05.2023 and the same was forwarded to RO, Madurai on 02.06.2023 for execution. RO sought BG confirmation & the same is awaited from applicant.
8	Along the road from Km.148/445 to Km.152/080 RHS & across at Km.152/080	RHS	Thirumayam - Manamadurai section of NH 226	Over Head Electrical Lines & Poles	The Authorized Signatory, M/s.First Energy TN 1 Pvt. Ltd., Chennai.	-	-	-	-	RO, Madurai accorded in-principle approval letter No.NHAI/15018/3.3/01/2022/RO-Madurai/E-424753/351, dt:04.03.2023. Applicant has to submit the License Agreement for execution.
9	Across the road at Km.100/600 & Km.102/280	BHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	16.06.2023	15.06.2028	-	-	RO, Madurai accorded in-principle approval vide letter No.NHAI/15018/4.3.10/2022/RO-Madurai/E-142067/116, dt:24.01.2023. Final approval issued on 16.06.2023.
10	Along the road from Km.133/700 to Km.134/400 (LHS) & across at 24 locations	LHS	Thirumayam - Manamadurai section of NH 226	Optical Fibre Cable	The General Manager (Projects-2), TANFINET, Chennai	-	-	-	-	RO, Madurai accorded in-principle approval letter No.NHAI/15018/3.3/05/2023/RO-Madurai/1047, dt:26.06.2023. Applicant has to submit the License Agreement for execution.
11	Along the road from Km.100/600 to Km.102/450 (LHS); Km.105/050 to Km.105/200 (LHS)	LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, Project Division, Karaikudi	-	-	-	-	RO, Madurai accorded in-principle approval letter No.NHAI/15018/4.3/15/2023/RO-Madurai/E-214663/1289, dt:25.07.2023. Applicant has to submit the License Agreement for execution.

National Highways Authority of India

Sr. No.	Location (chainage in km)	Left or Right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of Service	Name of License and contact address	Date of signing agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MoRT&H Standard norms	Remarks
12	Along the road from Km.148/400 to Km.152/000 (RHS) and across @ Km.152/000	RHS	Thirumayam - Manamadurai section of NH 226	Over Head Electrical Lines & Poles	The Authorized Signatory, M/s. Sree Jayamurugan Alloys Pvt. Ltd., Salem	-	-	-	-	RO, Madurai accorded in-principle approval letter No.NHA/15018/3.3/03/2022/RO-Madurai/E-198179/1311, dt:27.07.2023. Applicant has to submit the License Agreement for execution.
13	Along the road from Km.119/000 to Km.124/000; Km.125/130 to Km.126/800 (RHS); Km.119/150 to Km.119/800 (LHS) & across at 6 locations.	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, Project Division, Karaikudi	21.08.2023	20.08.2028	-	-	RO, Madurai approval letter No.NHA/15018/4.3/16/2023/RO-Madurai/E:170328/1496, dt:21.08.2023.
14	Along the road from Km.129/580 to Km.131/800 & Km.134/450 to Km.135/000 (RHS); Km.129/500 to Km.134/450 (LHS); Km.129/580 to Km.129/630 (RHS); Km.129/500 to Km.129/530 (LHS); Km.131/850 to Km.131/950 (LHS) and across at 4 locations.	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, Project Division, Karaikudi	29.08.2023	28.08.2028	-	-	RO, Madurai approval letter No.NHA/15018/4.3/05/2023/RO-Madurai/E:184506/1596, dt:29.08.2023
15	Along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS); Km.143/630 to Km.145/480 (LHS); Km.141/970 to Km.142/400 (RHS) and across at 7 locations	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, Project Division, Karaikudi	-	-	-	-	RO, Madurai accorded in-principle approval letter No.NHA/15018/4.3/13/2023/RO-Madurai/E-184508/1602, dt:30.08.2023. Applicant has to submit the License Agreement for execution.

National Highways Authority of India



National Highways Authority of India

ANNEXURE-IVCERTIFICATE OF THE PROJECT DIRECTOR

NAME OF THE WORK: -Proposal for laying of 1100mm dia MS water supply pipeline along the Road from Km.98/280.00 to Km.102/280.00 (RHS) and Across the road at Km.102/280 of Thirumayam - Manamadurai section of NH-226/36(New) by encasing through 1400mm dia MS Pipe for a length of 4045 meters.

It is certified that,

1. The proposal is found in order as per the Ministry Circular.
2. The proposal if implemented will not affect design stability & traffic safety.
3. The proposal if approved will be entered in the register for records of permission.
4. The proposal for crossing if implemented will get affect due to the widening of the road in near future. Further, the Executive Engineer, TWAD Board, Rural Water Supply Division, Sivagangai has given an undertaking that they will relocate water pipelines at their own cost notwithstanding the permission granted within such time as stipulated by NHAI for future development.



From,
THE EXECUTIVE ENGINEER,
 Tamil Nadu Water Supply and Drainage Board
 Rural Water Supply Division,
 Sivagangai.

Date: 09.07.2024

To,
THE PROJECT DIRECTOR,
 National Highways Authority of India,
 Karaikudi.

PIU - KARAISKUDI	
DATE : 11.07.24	
DIARY No : 906	
FD	
MGR (TECH)	
Dy.MGR (TECH)	
ACCT.	
LAO	
SECTION	✓

Through Proper Channel

Sir,
 Sub: Laying of Water Pipe line 1100mm dia (Thiruppathur – Thirumayam Section) of NH-226 Road Along the Road from Km.98/280.00 to Km.100/280.00 (RHS), for Retrofitting of Existing Combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukottai District under JMM, by Open trench & HDD method – proposal submitted – approval requested – reg.

I submit herewith the proposal for installation of Water Pipe line 1100mm dia (Thiruppathur – Thirumayam Section) of NH-226 Road Along the Road from Km.98/280.00 to Km.100/280.00 (RHS), for Retrofitting of Existing Combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukottai District under JMM.

In this connection it is proposed to install the Water Pipe along the road, detailed drawing and check list also enclosed.

I request that necessary permission may please be issued, so as to enable to install the Water Pipe across the road NH – 226 and the restoration charges may be intimated to the above address for making payment.

Thanking You Sir,

Yours Faithfully,


THE EXECUTIVE ENGINEER,

Tamil Nadu Water Supply and Drainage Board

(Authorized signatory)



BLOOM
COMPANIES, LLC
Infrastructure. Innovation and Ingenuity

JV



In Association With



Lr.No. 002/Bloom/RE/T-M/NH-36/2024 /500

Date:-15.07.2024

To,

The Deputy General Manager (T) cum Project Director,
National Highway Authority of India,
Project Implementation Unit,
Karaikudi.

PIU - KARAIKUDI	
DATE : 16.07.24	
DIARY No : 923	
PD	<input checked="" type="checkbox"/>
MGR (TECH)	<input checked="" type="checkbox"/>
ASST	<input checked="" type="checkbox"/>
LAO	<input checked="" type="checkbox"/>
SECTION	<input checked="" type="checkbox"/>

Project: Consultancy Services for Supervision Consultants (SC) of Operations & Maintenance of (ii)
From Km 77+200 to Km 154+929 on Tirumayam - Manamadurai Sections of NH 36 (Old
NH-226) in the state of Tamil Nadu.

Sub: **Laying of water pipe line 1100 mm dia (Thiruppathur-Thirumayam section) of NH-226 Road along the Road from Km.98+280.00 to Km.102+280.00 (RHS), for Retrofitting of existing combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukkottai District under JMM, by open trench & HDD method - Proposal submitted for approval - Report sought for-Reg.**

Ref: 1. 17023/1/2024-PIU KKDI/1090, dated: 12.07.2024.
2. The Executive Engineer, TWAD Board, RWS Division, Sivagangai, proposal Lr.No. Nil, dated: 09.07.2024(received on 11.07.2024).

Dear Sir,

With reference to the above subject and cited letters, the site has been inspected regarding the seeking permission for laying of water pipe line 1100 mm dia (Thiruppathur-Thirumayam section) of NH-226 Road along the Road from Km.98+280.00 to Km.102+280.00 (RHS), for Retrofitting of existing combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayat and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukkottai District under JMM, by open trench & HDD method in Tirumayam to Manamadurai Section of NH 226 has been verified and found in order. So, the permission shall be accorded to the TWAD board, with the following conditions,

- The work should be as per the submitted drawing, undertaking agreement and as per the MORTH Guidelines & Norms of Circular No. RW/NH-33044/29/2015, S& R (R), dated: 22.11.2016.
- The water pipeline should be laid on the extreme edge of the NH boundary.
- Proper Sealing shall be provided at the end of MS encasing pipe & main pipe in the crossing portion to avoid ingress of water.
- Not to disturb the existing utilities, avenue plantation, boundary stones and road furniture and road, while laying the pipelines.
- Proper safety arrangement and necessary cautionary boards shall be made available during the time of laying the water pipelines.

Office Address: - Plot No 35, Ezhil Nagar, Pudukkottai - 622 005 Off E-mail Id: - jr.thanjavur@gmail.com. Ph - 04322 -223200
Head Office Address:2nd Floor, Tower-A, Capital Business Park, Above Croma, Sohna Road, Sector-48, Gurugram-122018
CINNo.: F04568 Website:www.bloomcos.comE-Mail: info@bloom-india.com



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JV



In Association With



- There shall not be any hindrance to the free flow of traffic while laying of pipelines.
- The crossing of pipes shall not be permitted in the existing drainage structures.
- The trenchless/HDD method shall be adopted in the crossing of road/junction locations.

This is for your kind information.

Thank You

Yours Sincerely

G. Arul Muthiah
15/07/24

G. Arul Muthiah

Highway Maintenance cum Resident Engineer

NH-226/36(New)

Pudukottai.

Encl: Booklet as received

TWAD BOARD WATER PIPE LINE ROUTE DIAGRAM

SECTION

**Laying of water pipeline of 1100mm Dia MS Along NH 226
Thirumayam-Manamadurai (NHAI) from km 98+280 to km 102+280
RHS by open Trench method and 1 No. of Crossing at km 102+280
by Trenchless HDD Method**

**APPLICANT:
EXECUTIVE ENGINEER
TWAD BOARD,
RWS DIVISION,
SIVAGANGAI.**

**THE PROJECT DIRECTOR
NATIONAL HIGHWAY AUTHORITY OF INDIA
KARAIKUDI**

Date: 09.07.2024

From,
THE EXECUTIVE ENGINEER,
 Tamil Nadu Water Supply and Drainage Board
 Rural Water Supply Division,
 Sivagangai.

To,
THE PROJECT DIRECTOR,
 National Highways Authority of India,
 Karaikudi.

Through Proper Channel

Sir,
 Sub: Laying of Water Pipe line 1100mm dia (Thiruppathur – Thirumayam Section) of NH-226 Road Along the Road from Km.98/200.00 to Km.100/200.00 (RHS),for Retrofitting of Existing Combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukottai District under JMM, by Open trench & HDD method – proposal submitted – approval requested – reg.

I submit herewith the proposal for installation of Water Pipe line 1100mm dia (Thiruppathur – Thirumayam Section) of NH-226 Road Along the Road from Km.98/200.00 to Km.100/200.00 (RHS),for Retrofitting of Existing Combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163 Rural Habitations in Ramanathapuram, Sivagangai and Pudukottai District under JMM.

In this connection it is proposed to install the Water Pipe along the road, detailed drawing and check list also enclosed.

I request that necessary permission may please be issued, so as to enable to install the Water Pipe across the road NH – 226 and the restoration charges may be intimated to the above address for making payment.

Thanking You Sir,

Yours Faithfully,


THE EXECUTIVE ENGINEER,

Tamil Nadu Water Supply and Drainage Board

(Authorized signatory)

Restoration Charges to be collected for Laying of underground Water Pipe Line along the road from Km. 98+280 to Km.102+280 (RHS) and 1 No. of Crossing at km 102+280 in Tirumayam to Manamadurai Highway Section of NH-226 National Highways, Tamil Nadu.	
Cost of Restoration Charges Along the Road @ Rs. 500/- per meter (4000m x Rs. 500/-)	Rs.20,00,000/-
Cost of Restoration Charges Across the Road @ Rs.1,00,000 /- per crossing (1x1,00,000/-))	Rs.1,00,000/-
Total Restoration Charges	Rs.21,00,000/-


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

LICENSE FEES FOR PUBLIC UTILITY

[Utilized NH Land area X prevailing Circle Rate of Land per unit area) X (1.5%)]

Restoration Charges to be collected for Laying of underground Water Pipe Line along the road from Km.98+280 to Km.102+280 (RHS) and 1 No. of Crossing at km 102+280 in Tirumayam to Manamadurai Highway Section of NH-226 National Highway, Tamil Nadu.

ANNEXURE-II

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILIN G CRICLE RATE OF LAND PER UNIT AREA	LICENSE FEE (PRIVATE UTILITY) (Rs)
		FROM	TO						
	Along the road								
1	Nedumaram	98.280	99.400	RHS	1120	1.100	1232.00	540.00	9979.20
2	Thiruppathur	99.400	102.100	RHS	2700	1.100	2970.00	7535.00	335684.25
3	Vaniyankadu	102.100	102.280	RHS	180	1.100	198.00	540.00	1603.80
TOTAL I					4000		4400.00		₹ 3,47,267.25
B. Across the Road									
1	Vaniyankadu	102+280			45	1.400	63.00	540	510.30
TOTAL II					45		63.00		₹ 510.30
Total (I+II)									₹ 3,47,777.60

Total License fee =Rs.3,47,777.60/Annum Say =Rs.3,47,778/-	
License For Public Utility for 1 Year	₹ 3,47,778.00
License For Public Utility for 2 Year	₹ 3,68,644.68
License For Public Utility for 3 Year	₹ 3,90,763.36
License For Public Utility for 4 Year	₹ 4,14,209.16
License For Public Utility for 5 Year	₹ 4,39,061.71
Total License For Public Utility for 5 Year	₹ 19,60,456.92


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

GUIDELINE VALUE & PROPERTY VALUATION

Guideline Value relating to 2.19 lakhs streets and over 4.46 Crores Survey Numbers/Subdivision numbers are available on this site for query.

For Property Valuation, Click on the Street Name from the Street List, where the property is located.

From: 1-4-2023 To: Current Date [To know your Zone and District Click Here](#)

View Guideline value for:

☐ Street ☒ Survey Number ☐ Composite Value

Select Criteria :

☒ Category Wise ☐ Survey Number Wise

Zone:*

Sub Registrar Office:*

Ramanathapuram



Thiruppathur_Karaikudi



Registration Village:*

Land Category*

NEDUMARAM



Residential Class I Type - I



Search

Reset

6/19/24, 12:34 PM

Below Search results are as on 19-Jun-2024 12:34 PM
Inspector General of Registration - Tamil Nadu

7 items found, displaying all items.

1

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u>167</u>	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
2	<u>167</u>	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
3	<u>254/2</u>	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
4	<u>254/3</u>	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
5	<u>298</u>	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
6	<u>440/3</u>	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
7	<u>72/2</u>	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-

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GUIDELINE VALUE & PROPERTY VALUATION

Guideline Value relating to 2.19 lakhs streets and over 4.46 Crores Survey Numbers/Subdivision numbers are available on this site for query.

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From: 1-4-2023 To: Current Date [To know your Zone and District Click Here](#)

View Guideline value for:

☐ Street ☒ Survey Number ☐
Composite Value

Select Criteria :

☒ Category Wise ☐ Survey Number
Wise

Zone:*

Subr Registrar Office*

Ramanathapuram

▼ Thiruppathur_Karaikudi ▼

Registration Village:*

Land Category*

THIRUPPATHUR

▼ Residential Class I Type - I ▼

Search

Reset

153 items found, displaying 1 to 10.
[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	101/13	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
2	101/5A1B	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
3	101/5A1C	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
4	101/5A2	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
5	101/5B	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
6	289/47A1	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Jun-2024	-
7	289/47A2	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Jun-2024	-
8	289/47B	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	19-Apr-2023	-
9	289/6	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
10	289/6A1A	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	01-Apr-2023	-

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GUIDELINE VALUE & PROPERTY VALUATION

Guideline Value relating to 2.19 lakhs streets and over 4.46 Crores Survey Numbers/Subdivision numbers are available on this site for query.

For Property Valuation, Click on the Street Name from the Street List, where the property is located.

From: 1-4-2023 To: Current Date [To know your Zone and District Click Here](#)

View Guideline value for:

☐ Street ☒ Survey Number ☐
Composite Value

Select Criteria :

☒ Category Wise ☐ Survey Number
Wise

Zone:*

Ramanathapuram

Sub Registrar Office:*

Thiruppathur_Karaikudi

Registration Village:*

VANIYANKADU

Land Category*

Residential Class I Type - I

Search Result

6/19/24, 12:37 PM

Below Search results are as on 19-Jun-2024 12:37 PM
Inspector General of Registration - Tamil Nadu

111 items found, displaying 1 to 10.

[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	10/10	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
2	10/1B1B	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
3	10/1B2	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
4	10/9B	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
5	11/3C	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
6	189/21	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
7	189/22A	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
8	189/22B	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
9	189/22C	50/ Square Feet	*540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
10	189/23	50/ Square Feet	540/ Square Metre	Residential Class I Type - I	17-Aug-2023	-

[Go Back To Main Menu](#)

CHECK - LIST

Guidelines for Project Directors for processing the proposal for Water Pipe Line in the land along the road and across National Highways vested with NHAI.

• **Relevant circulars**

- 1) Ministry Circular No. NH-41 (58)/68 dated 31.1.1969
- 2) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976
- 3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
- 5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 6) Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
- 7) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003
- 8) Ministry Circular No. RW/NH-33044/27/2005-S&R (R) dated 06.08.2013
- 9) Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016

Check list for getting approval for laying of Water Pipe Line on NH land

1	General Information		
1.1	Name and Address of the Applicant/Agency	THE EXECUTIVE ENGINE- TWAD - Sivagangai	
1.2	National Highway Number	NH -226	
1.3	State	Tamil Nadu	
1.4	Location	Tirumayam - Manamadurai Section	
1.5	(Chainage in km)	Along the Road from Km.98+280 to Km 102+280 RHS and Crossing @ Km 102+280.	
1.6	Length in Meters	Total 4045 meters (4000 m along & 45 m Across)	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	Max : 23.00 meters Min : 16.00 meters	
	(b) Right side from center line towards increasing chainage/ km direction	Max : 28.00 meters Min : 25.00 meters	
1.8	Proposal to lay underground Water pipe line.		
	(a) Left side from center line towards increasing chainage / km direction	NA	
	(b) Right side from center line towards increasing chainage/km	Max : 27.50 meters Min : 24.50 meters	
1.9	Proposal to acquire land		
	(a) Left side from center line	NA	
	(b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired	NA	
	If not then where to lay the Pipe		

EXECUTIVE ENGINEER

**RESIDENT ENGINEER
HIGHWAY MAINTENANCE**

1.11	Details of already laid services, if any, along the proposed route	Nil	
1.12	Number of lanes (2/4 /6/8 lanes) existing	2 lane with Earthen Shoulder	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)	Not Applicable	
1.14	Service road existing or not	Not	
	If yes then which side		
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.15	Proposed Service road	-	
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.16	Whether proposal to lay Water Pipe line is after the service road or between the service road and main carriageway	Extreme Edge of ROW	
1.17	The permission for laying of Water Pipe line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.	Considered for approval based on the Ministries circular	
1.18	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	Yes	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Yes	
	(b) Is it on a line normal to NH	Yes	
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures	Yes	
	(d) The casing pipe (or conduit pipe in the case of pipe line) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	Yes	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Yes	

EXECUTIVE ENGINEER

PIU Karaikudi (Computer No. 256106)

24

RESIDENT - HIGHWAY MAINTENANCE

TECHNICAL PRO-MADURAI

IPAT-M-PDK

25

2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	Yes	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	(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 soil and rock edged should be excavated and replaced by selected material.	Yes	
	(c) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Yes	
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted. (e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Yes	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Laying of Water Pipe Line through CD works and method of laying	No.	
3	Draft License Agreement signed by two witnesses	Yes, enclosed with proposal	

EXECUTIVE ENGINEER

Water and S.W.S. Division

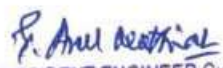
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HIGHWAY MAINTENANCE

M. Bloom/CPC/JR

4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs100/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m 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.	To be obtained.	
4.1	Performance BG as per above is to be obtained.	To be obtained.	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	To be obtained at the time of execution of Agreement.	
5	Affidavit / Undertaking from the Applicant for	Yes	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, enclosed with proposal	
5.2	Renewal of Bank Guarantee	Yes, enclosed with proposal	
5.3	Confirming all standard condition of NHAI's guideline	Yes, enclosed with proposal	
5.4	Shifting of Water pipe line as and when required by NHAI at their own cost	Yes, enclosed with proposal	
5.5	Shifting due to 6 lanning with paved shoulder / widening of NH	Yes, enclosed with proposal	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed with proposal	
5.7	Traffic movement during laying of Water pipe line to be managed by the applicant	Yes, enclosed with proposal	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes, enclosed with proposal	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing Water pipe line located in the National highway right-of-ways.	Yes, enclosed with proposal	

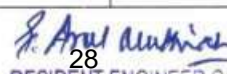

EXECUTIVE ENGINEER
 TWAD Board R.W.S. Division
 Sivagangai

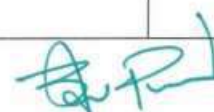

RESIDENT ENGINEER Cum
HIGHWAY MAINTENANCE
 M/s. Bloomfield/JR
 T-P & T-M - PDK



5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused 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, enclosed with proposal	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, enclosed with proposal	
5.12	Certificate from the applicant in the following format (i) <i>Laying of Water pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</i> (ii) <i>for 4 -laning with paved shoulder "We do undertake that I 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-lanning or any other development."</i>	Yes, enclosed with proposal	
6.	Who will sign the agreement on behalf of Water pipe line agency	THE EXECUTIVE ENGINEER, Tamil Nadu Water Supply And Drainage Board Rural Water Supply Division Sivagangai	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. Ministry Circular No. NH-41 (58)/68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003, Ministry Circular No. RW/NH-33044/27/2015-S&R (R) dated 06.18.2013 and Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.	Yes	


EXECUTIVE ENGINEER
Tamil Nadu Water Supply And
Drainage Board

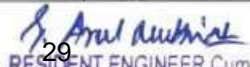

28
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HIGHWAY MAINTENANCE
Tamil Nadu Water Supply And
Drainage Board



7.2	<p>Certificate from PD in the following format</p> <p>(i) "It is certified that any other location of the Water pipe line would be extremely difficult and unreasonable costly and the installation of Water pipe line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".</p> <p>(ii) for 4 -laning</p> <p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed Four-laning based on the feasibility report considering proposed structures at the said location".</p> <p>(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed four-laning".</p>	<p>Yes</p> <p>Yes</p> <p>Sufficient ROW is available at site for accommodating proposed Four-laning.</p>	
8	<p>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 to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [Tirumayam – Manamadurai Section] Along the Road from km 98+280 to 102+280 (RHS) Along the Road Length of 4000 meters Across @ Km. 102+280 of NH-226 on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."</p>	NA	
9	Who will supervise the work of laying of Water pipe line	Consultants and relevant filed Officers of NHAI.	
10	Who will ensure that the defects in road portion after laying of Water pipe line are corrected and if not corrected then what action will be taken.	BG will enched. Claim amount will be determined according to the nature and seriousness of damages.	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	The Applicant should pay claims.	


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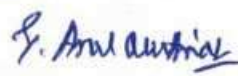
MAHENDRA MEENA, MANAGER (T) RO MADURAI - BSM, MANAGER (TECHNICAL), RO Madurai on 07/08/2024 12:44 PM


RESIDENT ENGINEER Cum
HIGHWAY MAINTENANCE

MAHENDRA MEENA, MANAGER (T) RO MADURAI - BSM, MANAGER (TECHNICAL), RO Madurai on 07/08/2024 12:44 PM

12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).	Yes.	
13	If any previous approval is accorded for laying of underground Water pipe line then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	Yes.	


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Sivagangai


RESIDENT ENGINEER Cum
HIGHWAY MAINTENANCE
MAHENDRA MEENA
T-P & M-POK


Project Director
NHAI-PIU- KARAIKUDI.

Annexure-I**Conditions to be enclosed/incorporated in the approval letter for permission for laying of Water pipe line**

1. The Water pipe line shall be located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway.
2. The Water pipe line shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NHAI/Government of India.
3. The Water pipe line shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. 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 the road land.
5. The authority/ owner of the underground utility shall ensure that laying Water pipe line should not have any deleterious effects on any of the bridge components and roadway safety for traffic.
6. The lines shall cross the National Highways preferably on a line normal to it or as nearly so as practicable.
7. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.
8. The Water pipe line is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.
9. The casing pipe (or conduit pipe in the case of electric cable) carrying the Water pipe line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.
10. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.
11. The top pf 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 inverts.
12. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall only be permitted where the existing road pavement is of cement concrete or dense bituminous concrete type.
13. The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.


EXECUTIVE ENGINEER
TWAD Board R.W.S Division
Sivagangai

14. Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)
 - (a) The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.
 - (b) Filling of the trench shall conform to the specifications contained herein below.
 - (c) 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 soil and rock edged should be excavated and replaced by selected material.
 - (d) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.
 - (e) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
 - (f) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
 - (g) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.
15. If needed, a diversion shall be constructed at the expense of agency owning the Water pipe line.
16. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Water pipe line located in the National highway right-of-ways.
17. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water pipe line will be borne by the agency owning the Water pipe line.
18. If the NHAI considers it necessary in future to move the Water pipe line for any work of improvement of repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the Water pipe line within a reasonable time (not exceeding 60 days) of the intimation given.
19. The licensee shall ensure making good the excavated trench for laying Water pipe line by proper filling and compaction, so as to restore the land in to the same conditions as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.


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TWAD Board R.W.S Division
Sivagangai

20. The licensee shall furnish a Bank Guarantee to the NHAI @ Rs100/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m 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.
21. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee, the licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of the licensee failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount by invoking the bank guarantee furnished by the licensee.
22. The licensee shall shift the Water pipe line within 60 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the Water pipe line, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.
23. Regarding the location of other cables, underground installation/utilities etc, the licensee shall be responsible to ascertain from the respective agency in coordination with NHAI. The licensee shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.
24. The licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the licensee. The concerned agency in coordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by the licensee.
25. If the licensee fails to comply with the condition 22 and 23 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the licensee.
26. The licensee shall procure insurance from reputed insurance company against damages to already existing cables/underground installation/utilities/facilities etc during trenching.
27. The licensee has to cross the NH by horizontal drilling method (trenchless technology only). In case any damage is caused to the road pavement in this process, the licensee will be required to restore the same to the original condition at his own cost.


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

28. No trenching will be done on pucca road, boring method will be used in pucca road and Water pipe line will be laid at the extreme edge of the road in the non-BT surface only.
29. The licensee shall inform/give a notice to the NHAI, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs100/- per meter length for maintenance/ repair work shall have to be furnished by the licensee.
30. Each day, the extent of digging the trenches should be strictly regulated so that cables are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NHAI.
31. The licensee shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the digging of trenches for laying Water pipe line.
32. The NHAI has a right to terminate the permission or to extend the period of agreement. In case the licensee wants shifting, repairs or alteration to Water pipe line, he will have to furnish a separate bank guarantee.
33. The licensee shall not without prior permission in writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said Water pipe line.
34. The permission granted shall not in any way be deemed to convey to the licensee any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
35. During the subsistence of this agreement, the laying of Water pipe line /ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of the licensee to the use thereof shall not become absolute and indefeasible by laps of time.
36. The licensee shall bear the stamp duty charged for the agreement.
37. The Water pipe line shall not be brought in to use by the licensee unless a completion certificate to the effect that the laying of Water pipe line has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
38. Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the or breach of any condition of the same and the licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
39. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
40. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of licensee.


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Karaikudi

41. After the termination/expiry of the agreement, the licensee shall remove the Water pipe line within 60 days and the site shall be brought back to the original condition failing which the licensee will lose the right to remove the cables/ducts. However, before taking up the work of removal of Water pipe line the licensee shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.
42. If NHAI is required to do some emergent work the licensee will provide an observer within 24 hours. NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.
43. The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope.
44. Strict compliance of the following by the Project Director:
 - a) If the licensee fails to inform the commencement of laying of Water pipe line 15 days before the actual start of the work at site the agreement should be null and void.
 - b) It is to be intimated to the HQ that, actual work has already been started at the site as per the provision of the agreement and the conditions stipulated in the Ministry Circular No. Ministry Circular No. NH-41 (58)/68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003, Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.
 - c) An interim execution progress report /status report shall be submitted to NHAI HQ after one month of the start of the work at site, regarding the satisfactory progress of the laying of Water pipe line, as per the specification/stipulation and the alignment as approved.
 - d) The final completion certificate shall be issued / submitted by PD to the HQ to the effect that, the work has been completed to the entire satisfaction of the Project Director and there were no violation of any condition / stipulation contained in the agreement, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003, Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 and the approved plan.


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivadurai

- e) To obtain a performance bank guaranty @ Rs. 100/- per running meter of NH and Rs.1,00,000/- per crossing of NH from the licensee to safe guard the interest of NHAI.
- f) A register of records of the permissions accorded has to be maintained by the PD in the prescribed proforma (copy enclosed)
- g) Project Director is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant, on behalf of NHAI.


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Sivagangai



தமிழ்நாடு தமில்நாடு TAMILNADU (Rs.100) -

07.07.2024

DZ 747334

Executive Engineer TWAD

Board

RWS Division

ச.சுந்தரபாண்டியன்.எம்.ஏ..

உரிம எண்: 3719/ஆ/1/95

நகர் முத்தவத்தாள் விற்பனையாளர்

AGREEMENT REGARDING GRANTING OF RIGHT WAY PERMISSION கை தமிழ்நாடு.

FOR LAYUING UTILITY SEVICE ON NATIONAL HIGHWAY

Agreement to lay water pipeline of 1100mm Dia MS Along NH 226 Thirumayam-Manamadurai (NHAI) from km 98+280 to km 102+280 RHS -Total 4.00 kms length by Open Trench Method and 1 No. of crossing at km 102+280 (Total-45 meters) by Trenchless HDD Method for Retrofitting of Existing Ramnad CWSS

This Agreement made this _____ day of _____ (month) of _____ year between _____ acting in his executive capacity through the President of India/National Highways Authority of India (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) of the one part and Executive Engineer, TWAD Board, RWS Division, Sivagangai (hereinafter called the 'Licensee') which expression shall, unless excluded by or repugnant to the context, include his heirs its successors/administrator assignees on the second part.


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

Whereas the Authority is responsible, inter alia, for development and maintenance of lands in along NH-226 in Thirumayam- Manamadurai (NHAI) from km 98+280 to km 102+280 RHS -Total 4.00 kms length by Open Trench Method and 1 No. of crossing at km 102+280 (total - 45 meters) by Trenchless HDD Method for Retrofitting of Existing Ramnad CWSS

Whereas the Licensee proposes to lay water pipe line / ducts etc., referred to as utility services in subsequent paras.

Whereas the licensee has applied to the Authority for permission to lay water supply pipes along NH 226 Thirumayam- Manamadurai (NHAI) from km 98+280 to km 102+280 RHS - Total 4.00 kms length by Open Trench Method and 1 No. of crossing at km 102+280 (total - 45 meters) by Trenchless HDD Method for Retrofitting of Existing Ramnad CWS

And whereas the Authority has agreed to grant such permission for way leave on the NH ROW as per terms and conditions hereinafter mentioned.

Now this Agreement witness that in consideration of the conditions hereinafter, contained and on the part of the Licensee/Licensees to be observed and performed, the Government/NHAI hereby grants to the licensee/licensees permission to lay water supply pipes as per the approved drawing attached hereto subject to the following condition namely:-

1. Row permission are only enabling in nature. The purpose of extending the way leave facility on the National Highway Row is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions / scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the Row and any subsequent user will be permitted to use the Row, either above or below, or by the side of the utilities laid by the first user, subject to technical requirement being fulfilled. Decision of the Authority in relation to fulfillment of technical requirements shall be final and binding on all concerned parties. In case any disruption / damage is cause to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipments, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility / industrial infrastructure facilities.


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

4. The licensee shall pay license fees @ Rs /Sq. m/ month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities / cables / conduits / pipelines for infrastructure/service provider. As regards Tariff and Terms and Conditions for Providing Common Utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT& H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of Row. In case where utility ducts with sufficient space are already available along NH, the Utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utilities services shall be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc, below the bed. In case, this is not feasible, the utility services may be carried outside the railings / parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where RoW is restricted the utility service can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility service be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility service shall not interface with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provide for / landscaped with required safety measures as directed by the concerned Authority;


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

11. The utility service shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structure shall not be allowed to carry the lines across.
13. The top of the casing / conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment - 1.
14. The utility service shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing / conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in- below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth 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 soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or bonding will not be permitted.
 - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. Per route meter / Rs. Per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority / it's designed agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installation / utility services & interference, interruption , disruption or failure caused there of to any service etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench / other restoration work, the Authority shall have a right to make good the damage caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Not with standing this, the licensee shall be liable to pay full compensation to the aggrieved Authority / its designated agency for any damage sustained by them by reason of the exercise of the RoW facility;
21. The Licensee shall shift the utility service within 90days (or as specification by the respective Authority) from the date of issues of the notice by the concerned Authority to shift/relocate the utility services, in case it is so require for the purpose of improvement/ widening of the road/route/highway or construction of flyover/bridge and restore the road / land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the Location of other utilities/underground installation/facilities etc. the Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations /utilities/facilities etc.


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

23. The licensee shall be solely responsible/liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of Licensee is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highways, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility service is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The Licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.


EXECUTIVE ENGINEER
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Sivagangai

30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility service without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land/property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility service located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and infeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty Charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of water pipe line in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Set at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Not with standing anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:

- a. Operation, repair and maintenance guidelines given by the manufacturers,
 - b. The requirements of Law.
 - c. The physical conditions at the site, and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measure like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility service, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and condition of this agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility service by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaries. MoRT & H/ NHAI/ implementing authorities for the project shall not be liable the concessionaire in any way in this regard.


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TWAD Board R.W.S. Division
Sivagangai


This agreement has been made in duplicate, each on a stamp paper, each Party to this Agreement has retained one stamped copy each.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI _____
(Signature, name & address with stamp)

SIGNED ON BEHALF OF THE EXECUTIVE ENGINEER, TAMILNADU WATER SUPPLY AND DRAINAGE BOARD, RURAL WATER SUPPLY DIVISION, SIVAGANGAI, (LICENCEE)

BY SHRI  _____
(Signature, name & address with stamp) **K. KARUPPIYAN**
EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

HOLDER OF GENERAL POWER OF ATTORNEY DATED _____ EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. _____ DATED _____

PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON _____

IN THE PRESENCE OF (WITNESSES) - Name in full (Signature) with designation

1. 
Assistant Engineer
TWAD Board, Project Sub Division,
Thiruvadanai.

2. 
Assistant Engineer
TWAD Board, Project Sub Division
Manamadurai.



தமிழ்நாடு தமில்நாடு TAMILNADU தி 100/-

09.07.2024

DZ 747337

Executive Engineer TWAD Board
UNDERTAKING
RWS Division
Sivagangai

ச.சுந்தரபாண்டியன்.எம்.ஏ.,
உரிம எண்: 3719/ஆ1/95
நகர் முத்தறைத்தாள் அறிவுவையாளர்
தமிழ்நாடு.

We, Tamil Nadu Water Supply and Drainage Board, Rural water supply Division, Sivagangai, Laying of water pipeline of 1100mm Dia MS Along NH 226 Thirumayam-Manamadurai (NHAI) from km 98+280 to km 102+280 RHS - 4.00 kms length by Open Trench Method and 1 No. of Crossing at km 102+280 (45 meters) by Trenchless HDD Method total length of 4045 meters for Retrofitting of Existing Ramnad CWSS

We here by undertake the Standard Conditions of NHAI Guidelines:-

1. Not to Damage to Other Utility, if damaged then to pay the losses either to NHAI or to the concerned agency: Regarding the location of other OHT cable line, underground installation/utilities etc, Tamil Nadu Water Supply and Drainage Board shall be responsible to ascertain from the respective agency in coordination with NHAI. Tamil Nadu Water Supply and Drainage Board shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

2. **Renewal of Bank Guarantee:** Tamil Nadu Water Supply and Drainage Board shall furnish a Bank Guarantee @ Rs100/- per running meter to the NHAI, 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 of water pipe line by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to The Tamil Nadu Water Supply and Drainage Board for clearing debris/loose earth. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee Tamil Nadu Water Supply and Drainage Board shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of The Tamil Nadu Water Supply and Drainage Board failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good the damages caused by excavation, at the cost of The Tamil Nadu Water Supply and Drainage Board recover the amount by invoking the bank guarantee furnished by Tamil Nadu Water Supply and Drainage Board.

3. **Confirming all standard conditions of NHAI:**

- (i) The period of validity of Way permission shall be co-terminus with the validity of licensee given by the Ministry of Communications / DoT.
- (ii) The laying of water pipe line shall be laid at the edge of the right of way within 2m utility corridors.
- (iii) The licensee has to cross the NH In case any damage is caused to the road pavement in this process, The Tamil Nadu Water Supply and Drainage Board will be required to restore the same to the original condition at his own cost.
- (iv) No trenching will be done on link road, boring method will be used in link road and water pipe line will be laid at the extreme edge of the road in the non-BT surface only.
- (v) The licensee shall inform/give a notice to the NHAI, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs100/- per meter length for maintenance/ repair work shall have to be furnished by The Tamil Nadu Water Supply and Drainage Board.
- (vi) Each day, the extent of water pipe line should be strictly regulated so that pipes are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NHAI.
- (vii) The Licensee shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the laying of water pipe line.


EXECUTIVE ENGINEER
 TWAD Board R.W.S. Division
 Sivagangai

- (viii) The NHAI has a right to terminate the permission or to extend the period of agreement. In case the Tamil Nadu Water Supply and Drainage Board want shifting, repairs or alteration to water pipe line, he will have to furnish a separate bank guarantee.
- (ix) The Licensee shall not without prior permission in writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said water pipe line.
- (x) The permission granted shall not in any way be deemed to convey to The Tamil Nadu Water Supply and Drainage Board any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
- (xi) During the subsistence of this agreement, the laying water pipe line located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of The Tamil Nadu Water Supply and Drainage Board to the use thereof shall not become absolute and indefeasible by laps of time.
- (xii) The Tamil Nadu Water Supply and Drainage Board shall bear the stamp duty charged for the agreement.
- (xiii) The water pipe line shall not be brought in to use by Tamil Nadu Water Supply and Drainage Board unless a completion certificate to the effect that the laying of water pipe line has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
- (xiv) Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the for breach of any condition of the same and The Tamil Nadu Water Supply and Drainage Board shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
- (xv) The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NHAI is required to do some emergent work The Tamil Nadu Water Supply and Drainage Board will provide an observer within 24 hours. NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.
- (xvi) The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement of the License with Department of TWAD and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope of Tamil Nadu Water Supply and Drainage Board.


EXECUTIVE ENGINEER
 TWAD Board R.W.S. Division
 Sivagangai

4. **Shifting of water pipe lines and when required by NHAI:** Tamil Nadu Water Supply and Drainage Board shall shift the water pipe line within 90 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the water pipe line, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk
5. **Shifting due to 6lining / widening of NH:** After the termination/expiry of the agreement, Tamil Nadu Water Supply and Drainage Board shall remove the water pipe line within 90 days and the site shall be brought back to the original condition failing which the Tamil Nadu Water Supply and Drainage Board However, before taking up the work of removal of water pipe line Tamil Nadu Water Supply and Drainage Board shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.
6. **Traffic movement during laying of water pipe line to be managed by the applicant:** If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Tamil Nadu Water Supply and Drainage Board.
7. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** Tamil Nadu Water Supply and Drainage Board shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of Tamil Nadu Water Supply and Drainage Board. The concerned agency in co-ordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by Tamil Nadu Water Supply and Drainage Board. If Tamil Nadu Water Supply and Drainage Board fails to comply with the condition 5 and 6 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the Tamil Nadu Water Supply and Drainage Board
8. **We, Tamil Nadu Water Supply and Drainage Board, Rural water Supply Division, Sivagangai,** hereby do undertake to furnish a Performance Bank Guarantee @100/- per meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installation utility services & interference interruption, disruption of failure caused thereof to any services etc. In case, Tamil Nadu Water Supply and Drainage Board. Failing to discharge the obligation of making good the damages caused due to erection, the NHAI shall have a right to make good the damages caused due to erection at the cost of the Tamil Nadu Water Supply and Drainage Board. And recover the amount by invoking the Bank Guarantee. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, Tamil Nadu Water Supply and Drainage Board. Shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.


EXECUTIVE ENGINEER
TWAD Board R.W.S. Division
Sivagangai

9. Not to damage to other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.
10. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission within a period of 11 months from the date of issue of the Bank Guarantees, The Tamil Nadu Water Supply and Drainage Board shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
11. We will relocate pipe lines/Utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI "for future six-lining or any other development."
12. We, Tamil Nadu Water Supply and Drainage Board, hereby undertake that "The existing avenue plantation is not affect due to the present proposed water pipe line along the Road from Km 98+280 to Km 120+280 RHS Along the length 4000m, Crossing @ Km 102+280 crossing length 45.00m and Total Length of 4045.00 meters of Tirumayam to Manamadurai Section of NH-226, Karaikudi.
13. We, Tamil Nadu Water Supply and Drainage Board, hereby undertake that the pay the fee /rent as mentioned in the Ministry's Guidelines Lr. No. RW/NH- 33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI.
14. Lr. No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI. Reference Circular issued by Ministry of Road Transport & Highways, GOI, Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016. Where in, the last paragraph that "The Highway Administration Rules 2004 will be modified accordingly. This circular will come in to effect from the date of notification of the modified Highway Administration Rule" So we hereby give our content to abide by the content of this circular from the date of its notification by MORTH, GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.

Yours Faithfully,



The Executive Engineer
Tamil Nadu Water Supply and Drainage Board
(Authorized Signatory)



தமிழ்நாடு தமில்நாடு TAMILNADU ரூ.100/-

DZ 747339

09. 07. 2024

Executive Engineer TWAD Board

RWS Division

INDEMNITY BOND

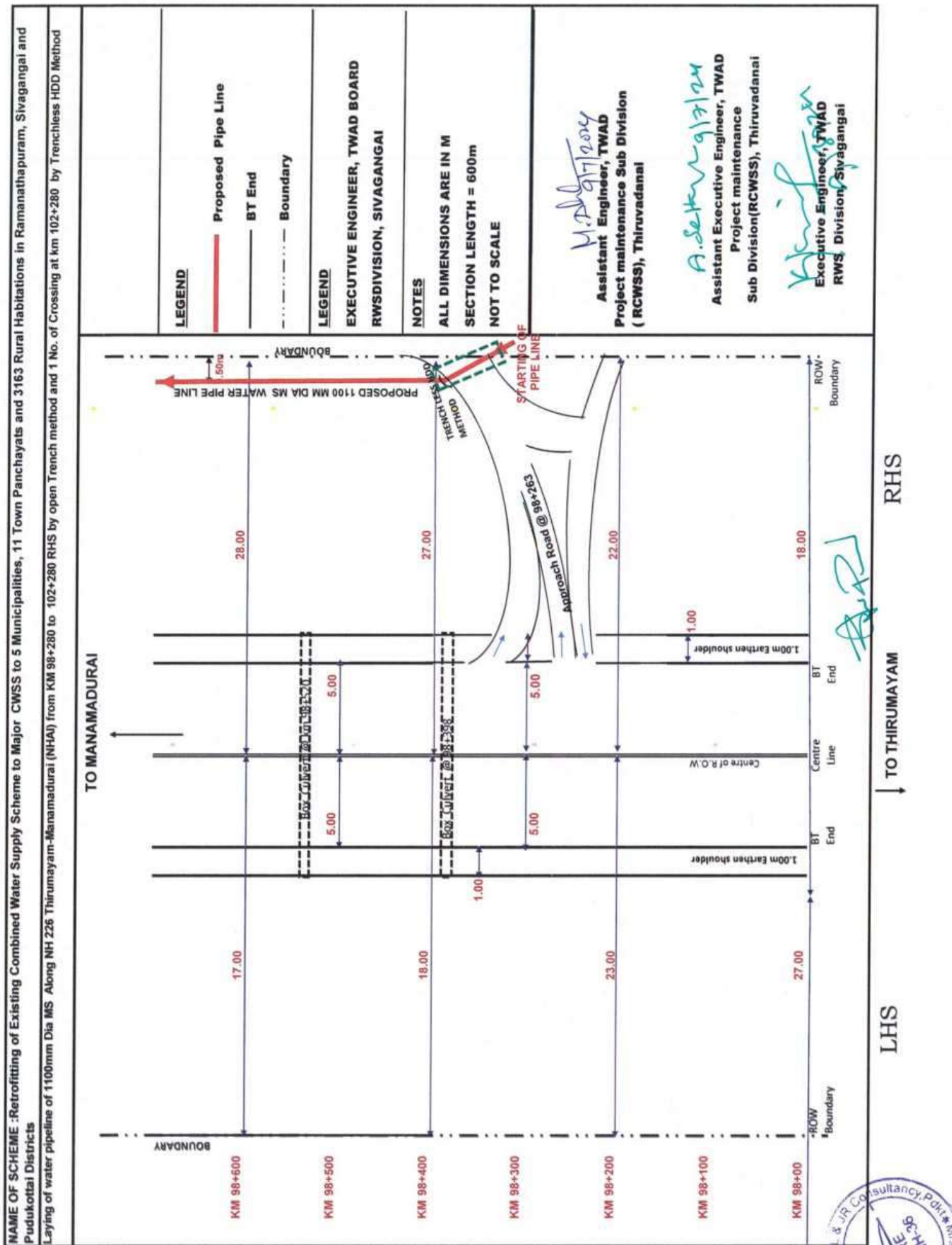
ச.சுந்தராமன், எம்.ஏ.,
உரிம எண்: 3719/ஆ.1/95
நகர் முத்தரத்தான் வீதியையாள்
சிவகங்கை தமிழ்நாடு.

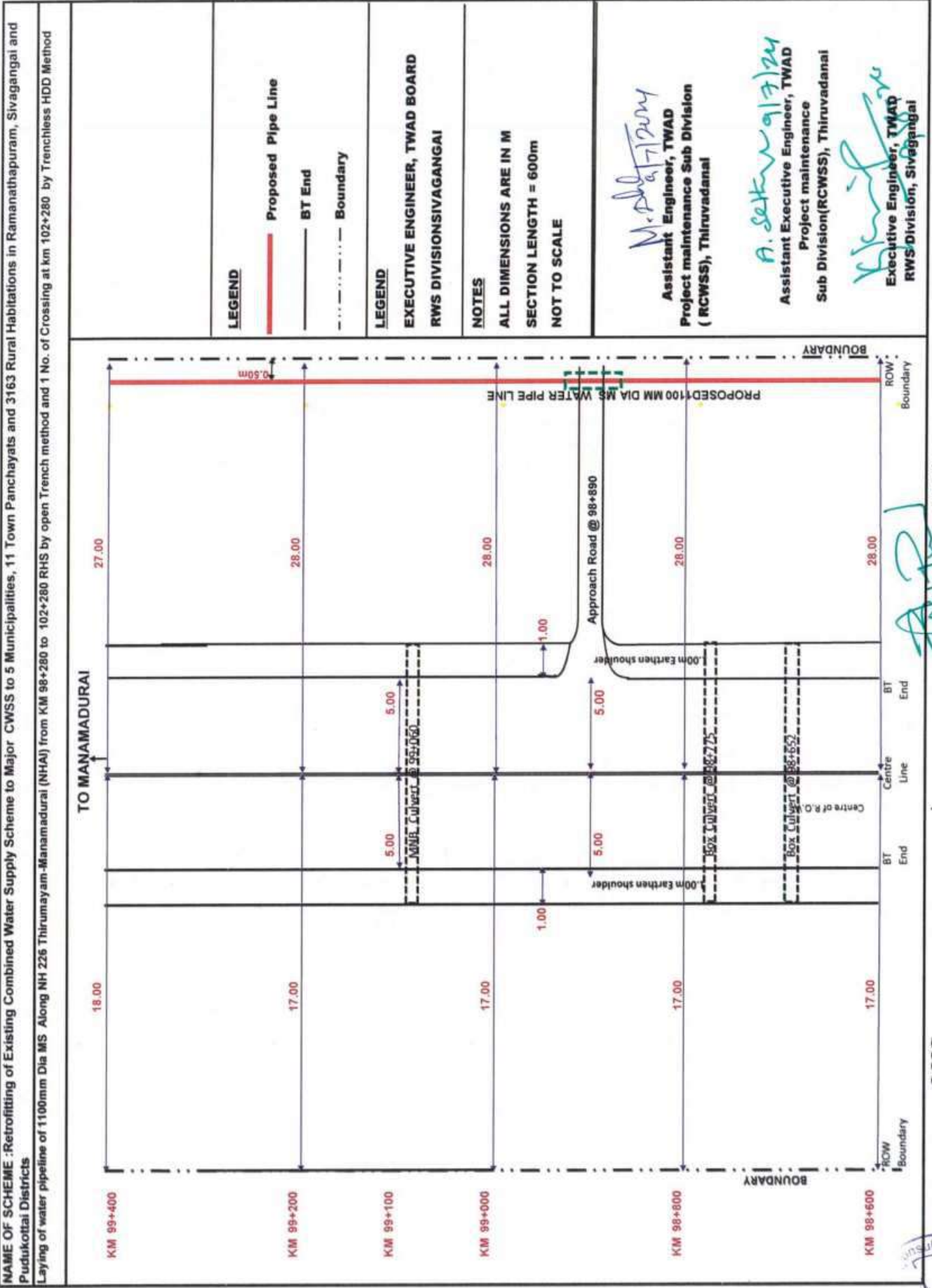
Name of the work: Permission for laying of Water Pipe Line Along NH-226 in Thirumayam-Manamadurai (NHAI) from km 98+280 to km 102+280 RHS for Retrofitting of Existing Ramnad CWSS and 1 No. of Crossing at km 102+280 Indemnity against all damages and claims of SI No 5 & 6 of Checklist.

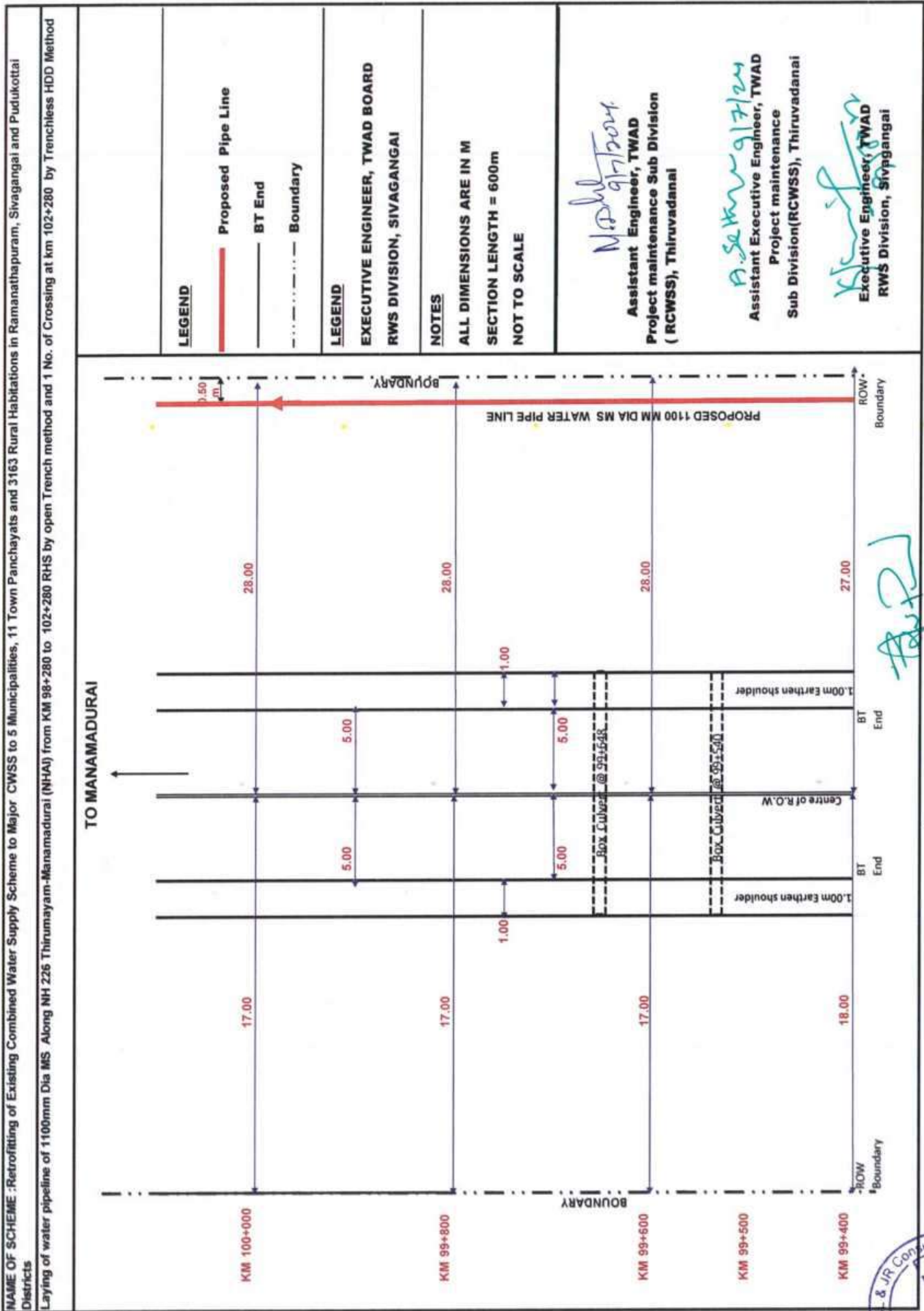
We the Executive Engineer TWAD Board, RWS Division, Sivagangai or in do hereby Indemnity Project Director, NHAI, PIU, binding ourselves to pay all the losses and claims in respect of laying water pipeline Along NH 226 Thirumayam- Manamadurai (NHAI) from km 98+280 to 102+280 RHS and 1 No. of Crossing at km 102+280 for Retrofitting of Existing Ramnad CWSS

or maintenance, thereof and against all claims, proceeding, damages, Costs, charges and expenses or maintenance thereof and against all claims, proceedings damages, costs, charges and expenses whatsoever in respect thereof, in relation there to, failingsuch payment of claims in the above work, we abide in accepting for recovery of such claims affected from any of our assets.


The Executive Engineer, TWAD Board,
RWS Division, Sivagangai





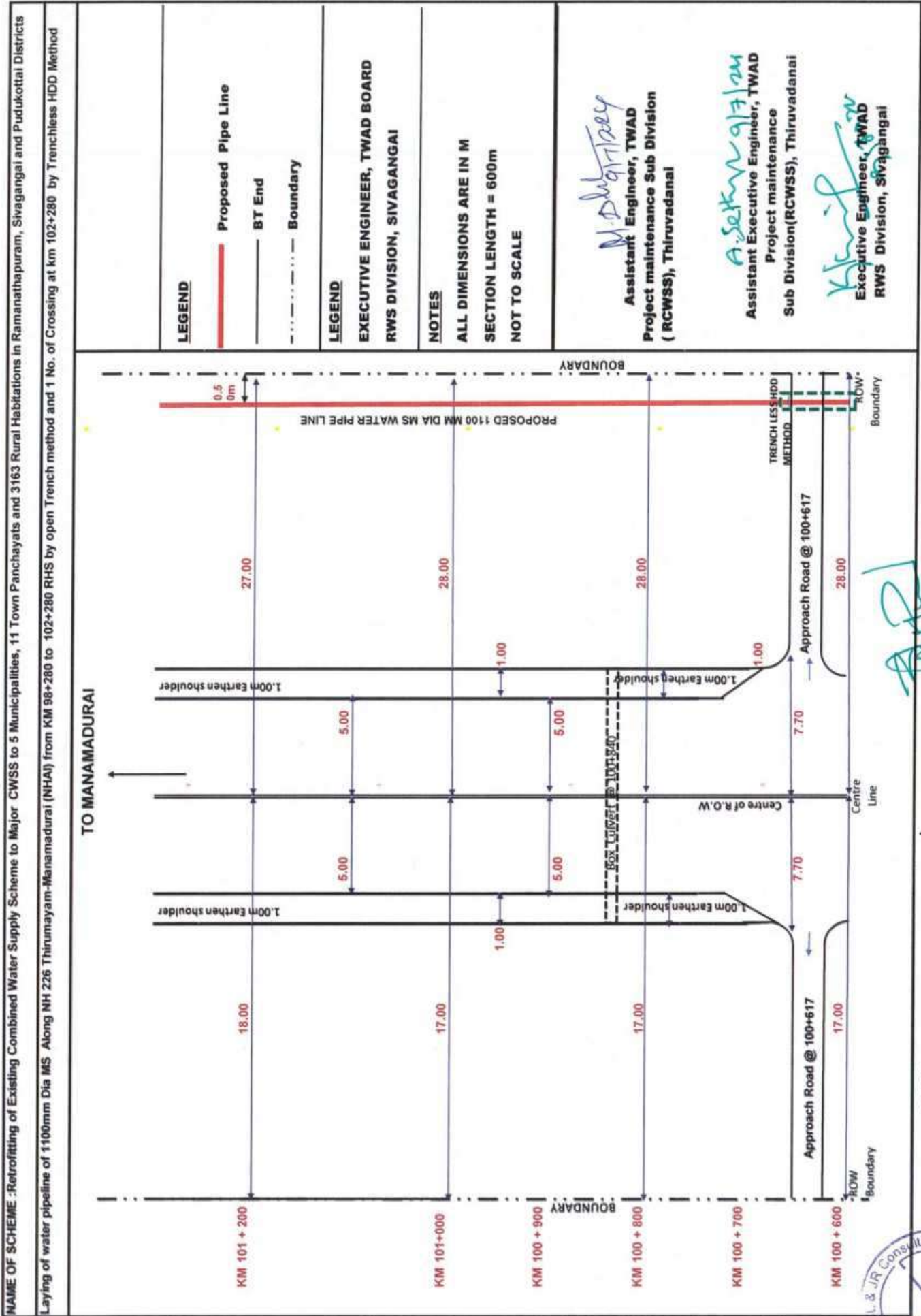


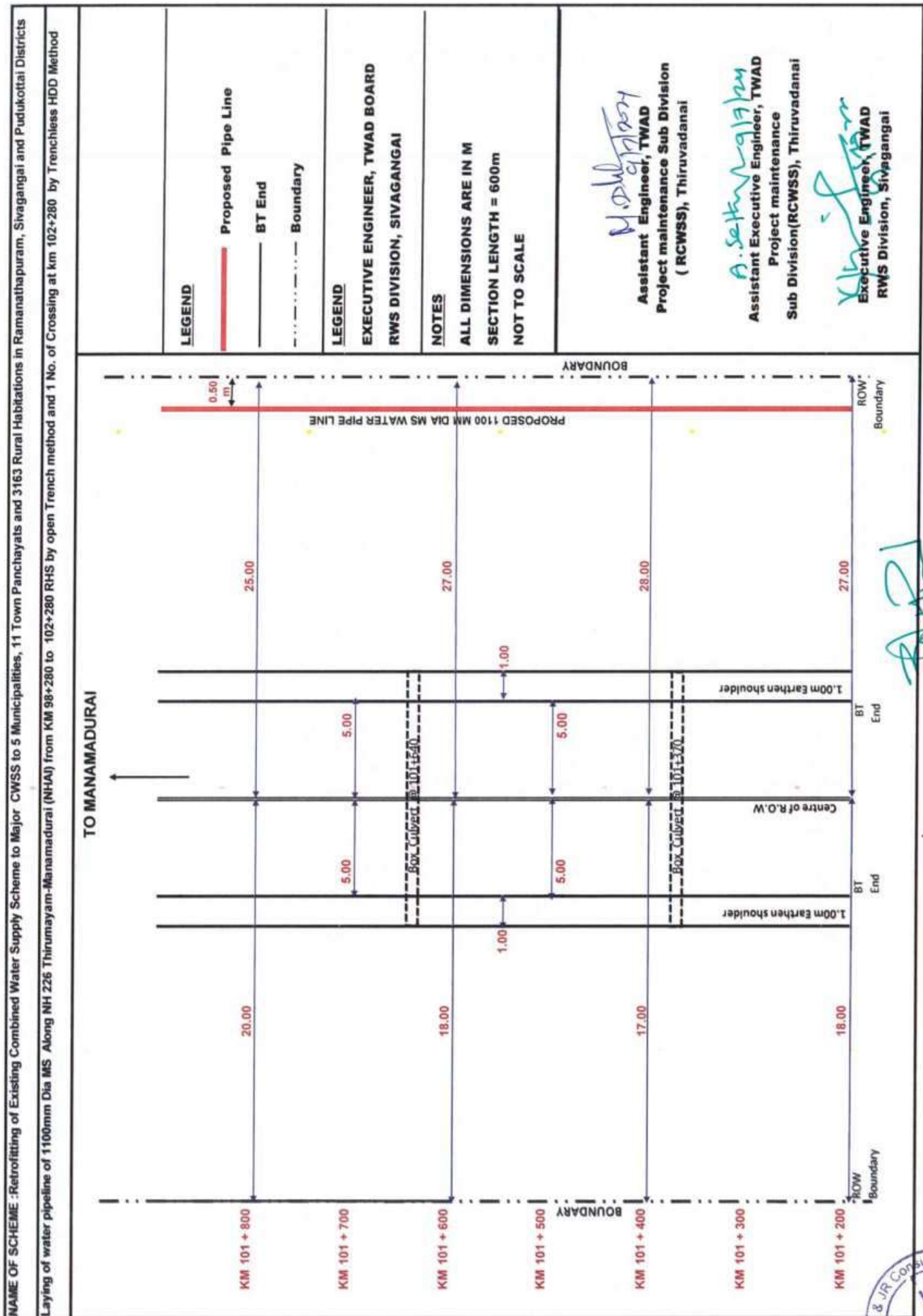
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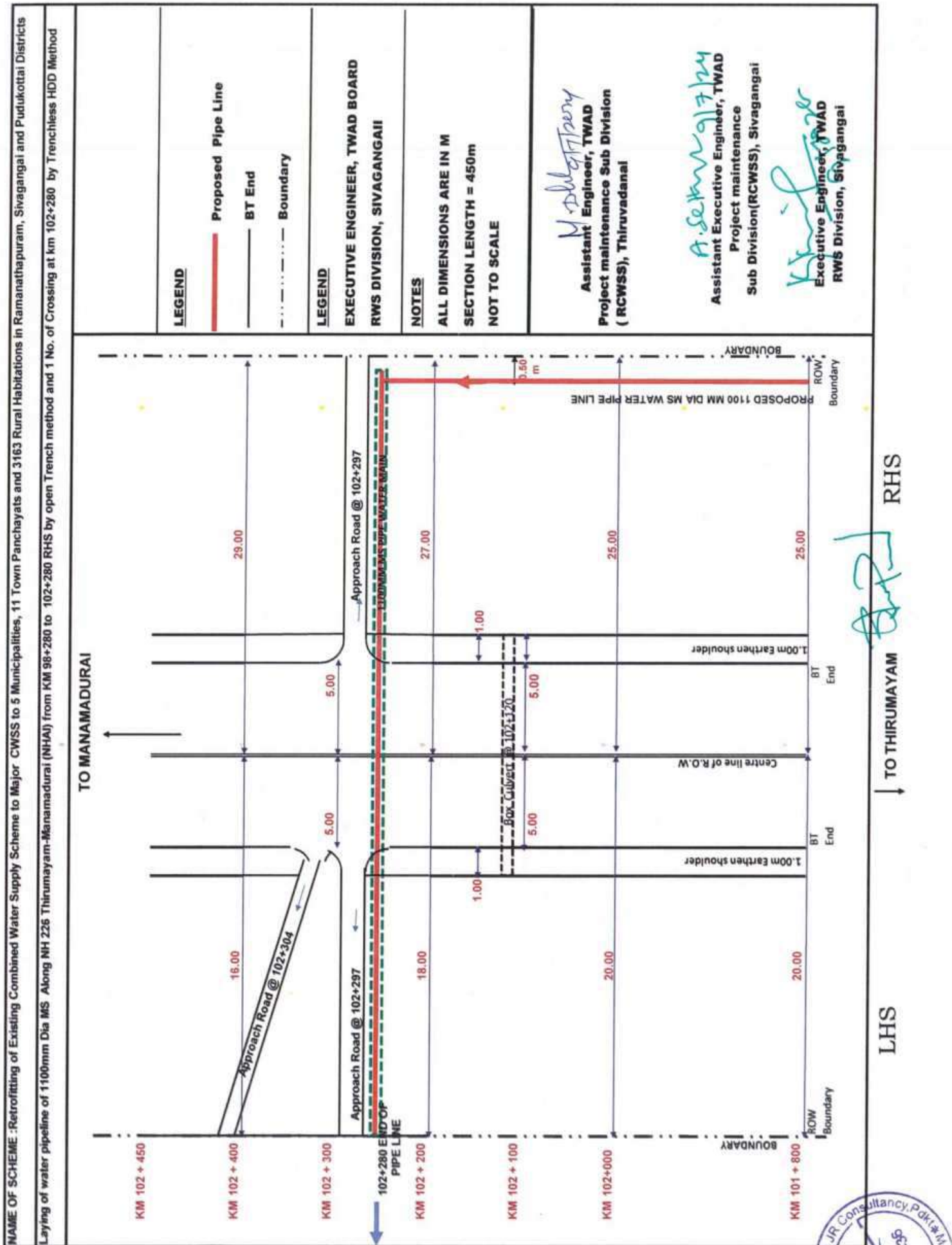
TO THIRUMAYAM

LHS



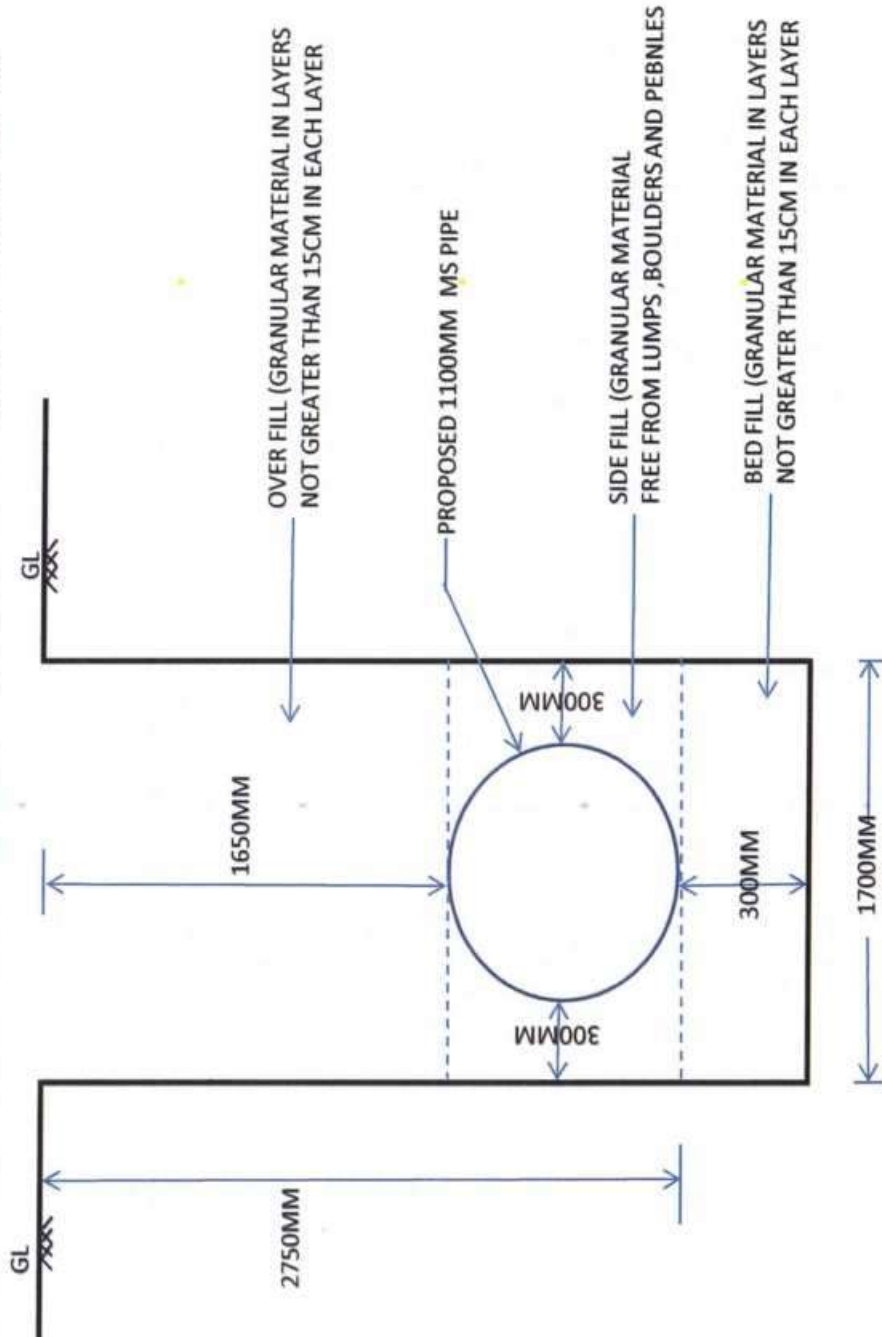






NAME OF SCHEME :Retrofitting of Existing Combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163

PROPOSAL FOR LAYING OF MS PIPE LINE ALONG NH 226 THIRUMAYAM -MANAMADURAI ROAD FROM KM 98+280 TO 100+280



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APPLICANT

EXECUTIVE ENGINEER
TWAD BOARD
RWS DIVISION
SIVAGANGAI

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Assistant Engineer, TWAD
Project maintenance Sub Division
(RCWSS), Thiruvadanai

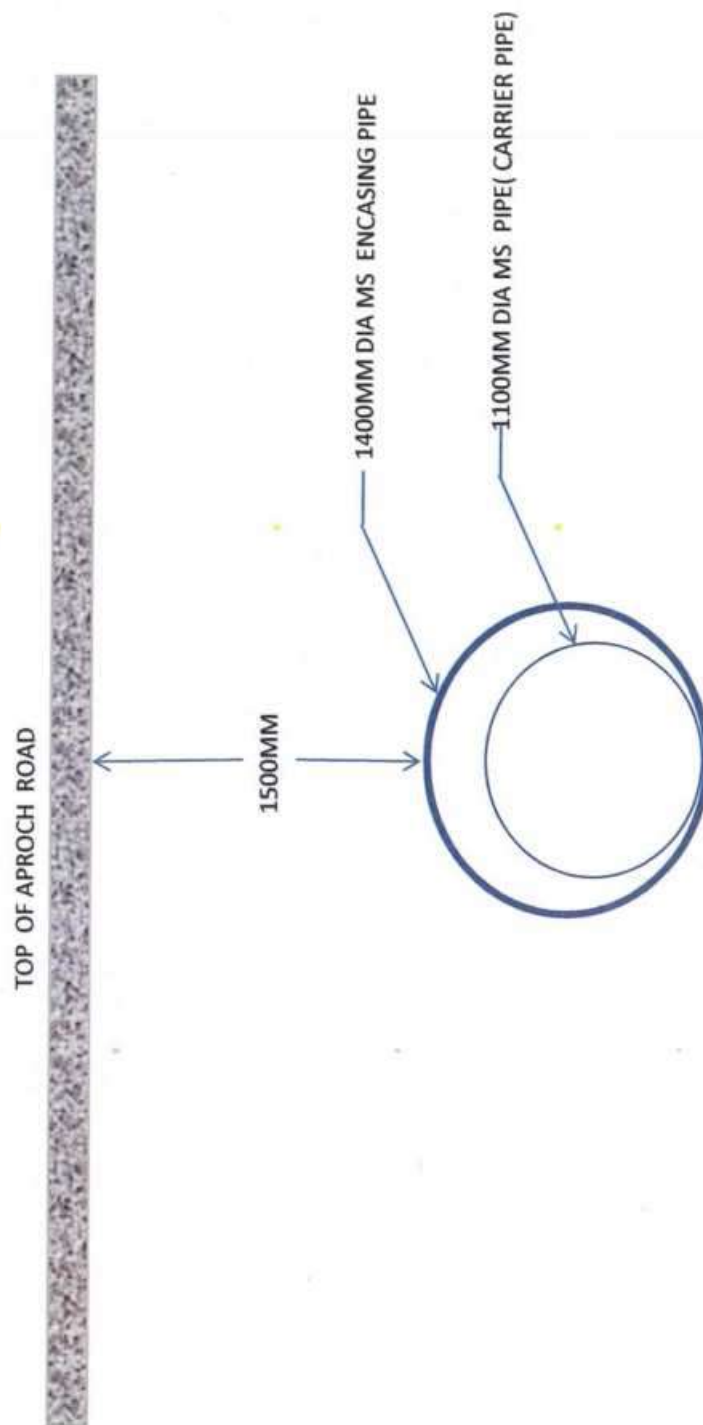
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Assistant Executive Engineer, TWAD
Project maintenance
Sub Division(RCWSS), Thiruvadanai

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Executive Engineer, TWAD
RWS Division, Sivagangai



NAME OF SCHEME :Retrofitting of Existing Combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163

PROPOSAL FOR LAYING OF MS PIPE LINE ACROSS NH 226 THIRUMAYAM -MANAMADURAI ROAD AT KM 102+280



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Handwritten signature in blue ink.
 Assistant Engineer, TWAD
 Project maintenance Sub Division
 (RCWSS), Thiruvadanai

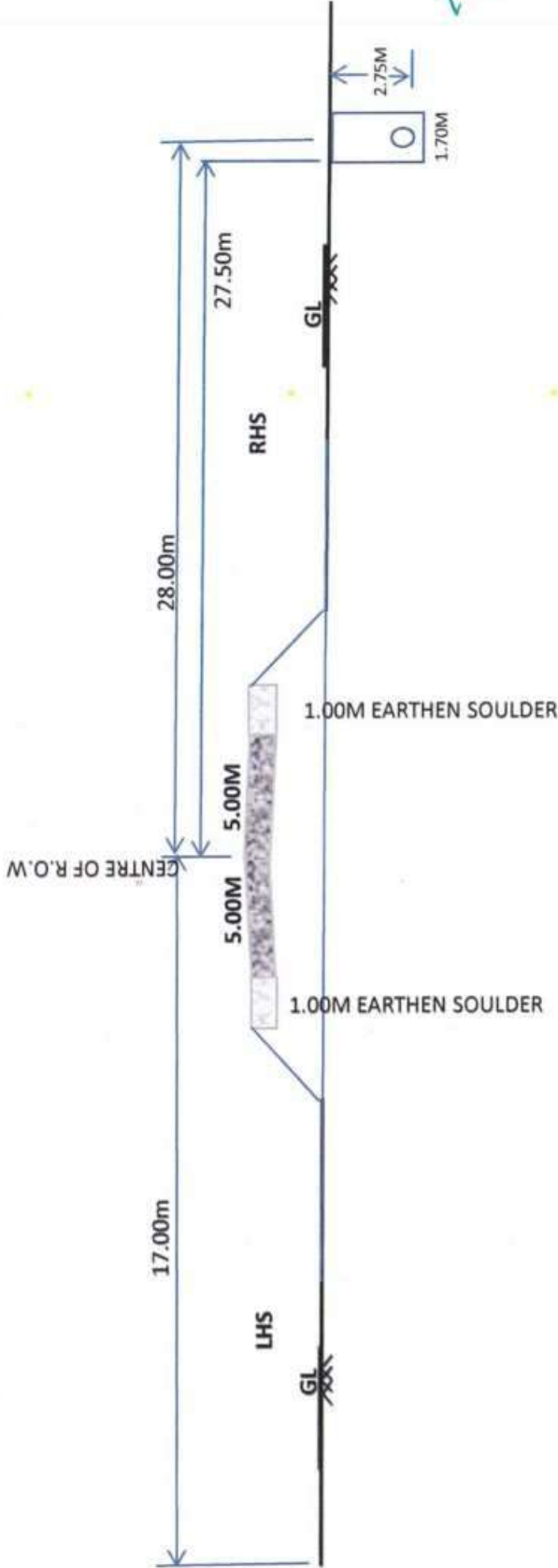
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 Assistant Executive Engineer, TWAD
 Project maintenance
 Sub Division(RCWSS), Thiruvadanai

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 Executive Engineer, TWAD
 RWS Division, Sivagangai



NAME OF SCHEME :Retrofitting of Existing Combined Water Supply Scheme to Major CWSS to 5 Municipalities, 11 Town Panchayats and 3163

PROPOSAL FOR LAYING OF MS PIPE LINE ALONG NH 226 THIRUMAYAM -MANAMADURAI ROAD FROM KM 98+280 TO 100+280



CROSS SECTION DETAILS FOR NH-226

S. S. S. S.
Assistant Engineer, TWAD
Project maintenance Sub Division
(RCWSS), Thiruvadanai

A. S. S. S.
Assistant Executive Engineer, TWAD
Project maintenance
Sub Division(RCWSS), Thiruvadanai

K. S. S. S.
Executive Engineer, TWAD
RWS Division, Sivagangai

THIRUMAYAM TO MANAMADURAI SECTION (NH-226)

KM 98+280 TO 102+280

APPLICANT

EXECUTIVE ENGINEER

TWAD BOARD

RWS DIVISION

SIVAGANGAI





MINISTRY OF ROAD TRANSPORT & HIGHWAYS
AN ISO 9001:2008 CERTIFIED MINISTRY

S&R(R) ZONE

IAHE Campus,
A-5, Sector-62,
Noida-201301.

F. No. RW/NH-33044/29/2015/S&R(R)

Dated: 22nd November, 2016

To,

1. The Chief Secretaries of all the State Governments/ UTs
2. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs dealing with National Highways, other centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001

Subject: Accommodation of Public and Industrial Utility Services along and across National Highways – Policy guidelines regarding.

Sir,

The Government has realized that development of infrastructure across the Country on a sustainable and integrated manner continues to be an imperative for improving the state of economy, enhancing quality of life of the citizens and ensuring equitable development throughout the country.

Land being among the most precious of natural resources available, optimum utilization of land shall play a critical role in integrated development of infrastructure. One of the ways to effect such optimum utilization is leveraging land within National Highway (NH) Right of Way (ROW) for laying utility services. This may be achieved through granting permissions for laying utility services along and /or across the ROW. However, environment and safety of the road users are the prime factors in deciding permission for utility services. Permission may be denied, if it is not feasible to ensure safety and environment through requisite safeguards. The Administration of ROW, has been defined in the National Highway Land and traffic Control Act 2002 and relevant Rules 2004.

Keeping in view the need for consistency and clarity, in supersession of all the instructions contained in the earlier previous circulars on the subject, following guidelines shall apply for accommodation of Utility Services along and across National Highways.

2. Laying of Utility Services along the National Highways:

- 2.1 There shall be a provision for utility ducts for appropriate categories/combination of utilities in the construction of new/4-6 laning of National Highways. The ducts shall be located at appropriate location preferably as close to the extreme edge of ROW.
- 2.2 Utility services shall be laid in the utility ducts, if provided for the purpose.
- 2.3 In stretches where utility ducts have not been provided, the utility services shall be located, beyond the toe line of the embankment and drains, as close to the extreme edge of the RoW as possible. While granting permission, requirement of up-gradation also needs to be kept in view.

Mammy Kuruvu

2.4 It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 m above the ground level.

2.5 No utility service shall be laid over existing culverts and bridges except through the utility ducts where such provision exists. In case of absence of such provisions, the Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed.

2.6 In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct in such case shall not be less than one lane. In such cases, it also needs to be ensured that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee as per the agreement.

3. Laying of Utility Services across the National Highway:

3.1 The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.

3.2 Existing drainage structures shall not be allowed to carry the lines across.

3.3 The utility services shall cross the National Highway preferably on a line normal to it or as nearly so as practicable.

3.4 The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.

3.5 In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm wider, (but not more than 60 cm wider), than the outer diameter of the utility pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.

3.5.1 Bedding shall be to a depth 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 soil and rock edges should be excavated and replaced by selected material.

3.5.2 The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.

3.5.3 The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the modified Proctor's density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.

3.5.4 The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.

3.6 When utilities are allowed overhead, the horizontal and vertical clearance in accordance with the IRC shall be maintained.

4. Procedure for processing application for granting permission for use of highway land: Any person who intends to obtain permission shall make an application online in the prescribed form to Highway Administration or an officer authorized by Highway Administration on his behalf. The application must mention details the various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosives Safety Organization, Oil Industry Safety

Mangal Kumar

Directorate, State/Central Pollution Control Board and any other statutory clearances as applicable, which must be obtained by the Applicant before applying to the Highway Administration.

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). The permission for laying utility services is to be normally granted within 30 days from the day of closure of public objections and claims. If no communication is received from the Highway Administration within 30 days from the day of closure of public objections and claims, the permission shall be deemed to be granted. The initial permission would be valid for a maximum of 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged.

5. Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories: i) Public utilities and b) Industrial utilities as per the details given in Annexure I.

License Fee/lease rentals described below is for Industrial utilities. The license fee for Public utilities shall be 33% of the fee prescribed for Industrial utilities.

5.1 The following methodology shall be followed for license fees/lease rental determination for utility service lines other than localized infrastructure facilities like towers, repeaters and junction boxes).

License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12) where,

Utilized NH land area = Outer diameter/width of the concerned utility line X length

5.2 The following methodology shall be followed for license fees/lease rental determination for utility services such as towers/repeaters/ junction boxes etc.

License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12) where,

Utilized NH land area = Projection of utility on the ground including area of support system/tower

However, for public utilities, area below the support system/tower shall only be charged.

5.3 Fee shall have to be paid in advance for the period for which permission is granted. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.

5.4 A system to redress grievances and to consider relaxation from the guidelines, in exceptional cases, shall be notified separately and shall be effective from the date of notification.

6. All required restoration, maintenance work subsequent to laying of utility services shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. To process for the granting of permission and prior to signing of Lease agreement, a Performance Bank Guarantee for an amount based on per route metre with a validity of one year initially, in the prescribed format (extendable if required till satisfactory completion of work) shall have to be furnished by the utility service provider/ Licensee, as a security against improper restoration of ground in terms of

Mangikumar

filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc.;
Utility services such as pipes etc (rate in Rs per sq m)

provided in the ducts already provided

Rs 50

≤ 300 mm dia/width

Rs 100

> 300 mm dia/width but ≤ 1000 mm

Rs 250

> 1000 mm

Rs 500

Utility services such as towers etc (rate in Rs per sq m)

Rs 100

In case the Licensee fails to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking.

Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.

7. The Authority shall enter into a License Agreement with the respective utility service provider in the format enclosed (Appendix) including any other conditions imposed by Highway Administration, to ensure safe and uninterrupted flow of traffic. Post signing of the agreement, the utility service provider shall be designated as 'Licensee' for the purpose of this project and will be authorized to install and operate utility services within the NH RoW. However, utility services shall be made operational by the Licensee only after a completion certificate to the effect is issued by the Highway Administration.

Encls: As above.

Manoj Kumar

(Manoj Kumar)

Executive Engineer(NFSG) (S,R&T) (Roads)
For Director General (Road Development) & SS

Copy to:

1. All Technical Officers in the Ministry of Road Transport & Highways
2. All ROs and ELOs of the Ministry
3. The Secretary General, Indian Roads Congress
4. The Director, IAHE
5. Technical circular file of S&R (R) Section
6. NIC-for uploading on Ministry's website under "What's new"

Copy for kind information to:

7. PS to Hon'ble Minister (RTH&S)
8. PS to Hon'ble MOS (RTH&S)
9. Sr. PPS to Secretary (RT&H)
10. PPS to DG (RD) & SS
11. PPS to SS&FA
12. PS to ADG-I/ ADG-II
13. PS to JS (T)/ JS (H)/ JS (LA&C)/ JS (EIC)

Annexure I

PUBLIC UTILITY PROVIDER AND INDUSTRIAL INFRASTRUCTURE

A. Public Utility Provider

A Public Utility Provider in context of this Guideline shall mean any organization that provides and maintains the infrastructure for a public service like electricity, gas, water supply, telecom cables and sewage disposal subject to applicable regulation.

B. Eligible activities for Industrial Units or 'Industrial Infrastructure'

Industrial Infrastructure in context of this Guideline shall mean any physical infrastructure that is required to facilitate industrial operations and is constructed, operated and maintained along/across Right of Way of National Highways. Such infrastructure shall include the following:

- a. Underground & above ground pipelines including provisions for booster pumping facilities, maintenance bays and other required support infrastructure for transport of legally permitted materials for industrial usage by a business entity having valid license for industrial operations.
- b. Conveyor Belts including provisions for maintenance bays and other required support infrastructure for transport of legally permitted materials, by a business entity having valid license for industrial operations.
- c. Power cables/wires etc. meant for industrial usage by a business entity having valid license for industrial operations.
- d. Any other such associated industrial infrastructure facility.

Government of India
Ministry of Road Transport and Highways
(Highway Administration Cell)

Transport Bhavan, 1, Parliament Street, New Delhi — 110 001

No. NH-36094/01/2022-S&R(P&B)

Dated: 17th April, 2023

To

1. The Chief Secretaries of all the State Governments/UTs
2. The Principal Secretaries/ Secretaries of all States/ UTS Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs dealing with National Highways, other Centrally Sponsored Schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001
7. ROs, ELOs and PIUs of the MoRTH.

Subject- Accommodation of Public and Industrial Utility Services along and across National Highways- Policy guidelines; Clarifications regarding OFC/Telecom cables.

Sir,

Following amendments are issued herewith with reference to Ministry's policy circular no RW/NH-33044/29/2015-S&R(R) dated 22.11.2016 regarding permission for laying of underground OFC/telecom cables in NH ROW with immediate effect:

Clause	Existing provision	Amendments
3.1	The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	The utility services shall normally be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry. Alternatively, for crossing of NH by pipelines for petroleum products, Horizontal Directional Drilling (HDD) method may be used

		without casing/ conduit pipe following the safety precautions and Codes as given in Annexure II.
5.	<p>Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in Annexure I.</p> <p>License Fee/lease rentals described below is for Industrial utilities. The license fee for Public utilities shall be 33% of the fee prescribed for Industrial utilities.</p>	<p>Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in Annexure I.</p>
5.1	<p>The following methodology shall be followed for license fees/lease rental determination for utility service lines other than localized infrastructure facilities like towers, repeaters and junction boxes).</p> <p>License Fees (Rs/sq m/ month) = (Utilized NH land area X Prevailing Circle Rate of land per unit area) / (10 X 12) where,</p> <p>Utilized NH land area = Outer diameter/width of the concerned utility line X length</p>	<p>License Fee for Industrial Utilities shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 10% per annum.</p> <p>Utilized NH land area shall include projection of utility on ground including area of support system / tower.</p> <p>License fee for total term of license (up to maximum of 5 years) shall be deposited in advance.</p>
5.2	<p>The following methodology shall be followed for license fees/lease rental determination for utility services such as towers/repeaters junction boxes etc.</p> <p>License Fees (Rs/sq m/ month) = (Utilized NH land area X Prevailing Circle Rate of land per unit area) / (10 X 12) where,</p>	<p>License Fee for public utility shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 1.5% per annum, subject to minimum of Rs. 10,000/-, with 6% annual increment.</p> <p>Utilized NH land area shall include area of support system / tower but not include projection of utility on ground.</p>

Utilized NH land area = Projection of utility on the ground including area of support system/tower.	There shall be no license fee for OFC cables crossing the NH through HDD method.
However, for public utilities, area below the support system/tower shall only be charged.	License fee for total term of license (up to maximum of 5 years) shall be deposited in advance.

2. This issues with the approval of competent authority.

Yours faithfully

(Rakesh Prakash Singh)

Superintending Engineer (HA)

Copy to:

1. AS/ JS/CEs in MoRTH
2. Director, IAHE
3. The Secretary General, Indian Roads Congress
4. Technical circular file of S&R(P&B) Section and Road Safety Engineering Cell
5. NIC-for uploading on Ministry's website under "What's new"

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3. Sr. PPS to DG (RD) & SS/ Sr. PPS / PPS /PS to ADG-I/II/III/IV

(Rakesh Prakash Singh)

Superintending Engineer (HA)

Annexure II

A. Codes/ publications for guidance on design of Horizontal Directional Drilling crossing for Petroleum Pipelines

- a) Oil Industry Safety Directorate Code: IOSD Code-141.
- b) American Gas Association PR-227-9424 "Installation of Pipelines by Horizontal Directional Drilling an Engineering Design Guide".
- c) American Society of Civil Engineering Practice No.89 - "Pipeline Crossings Handbook".
- d) Directional Crossing Contractors Association publications "Guidelines for a Successful Directional Crossing Bid Package", "Directional Crossing Survey Standards" and "Guidelines for Successful Mid-Sized Directional Drilling Projects."

B. Safety precautions and plan to be submitted along with the proposal for HDD crossings:

- a) Before taking up the HDD work, area to be scanned by suitable methods like GPR to locate all underground utilities. Accordingly, crossing plan and profile drawings to be developed showing all pipelines, utilities, cables and structures that cross the drill path, are parallel to and within 30m of the drill path and that are within 30m of the drilling operation, including mud pits and bore pits.
- b) Damage prevention plan to reduce or avoid the likelihood of damage to adjacent underground facilities, including pipelines, utilities, cables and other subsurface structures considering the accuracy of the method in locating existing structures and in tracking the position of the pilot string during drilling. Consideration should be given to having an auxiliary location system to include manual excavation to ensure that the drilling bit or reamer is following the projected path and does not encroach upon crossing or parallel lines. The damage prevention plan should include provision for sending notification to all affected parties.
- c) Safety plan to include contingency plans in the event the drilling string impacts subsurface facilities and identify facilities and resources to be utilized in the event of an emergency or any personnel injuries. The safety plan shall be reviewed on site with all construction personnel prior to the commencement of drilling operations.
- d) Plan for containment and disposal of drilling fluids, if used.
- e) Hydrostatic test plan that should consider pretesting of the fabricating string(s) prior to installing the crossing.
- f) Testing plan be agreed upon the measures like Cathodic protection, periodic inspection be outlined and Supplementary extra thickness of pipe be ensured to compensate for corrosion.
- g) Pipeline laying agencies to submit annual certificates of inspection after laying.

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17/4/23

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REGISTRATION DEPARTMENT



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Composite Value

Select Criteria :

☒ Category Wise ☐ Survey Number
Wise

Zone:*

Ramanathapuram

Sub Registrar Office:*

Thiruppathur_Karaikudi

Registration Village:*

THEMMAPATTU

Land Category*

Residential Special Type - I

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Search Criteria :

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Guideline Village: THEMMAPATTU **Revenue Village:** THEMMAPATTU
Revenue District: SIVAGANGAI **Revenue Taluka:** THIRUPPATTUR

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Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	18/54	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
2	18/6	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
3	18/7	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
4	188/19A	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
5	188/19A1A	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
6	188/19A1B	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
7	188/19B	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
8	25/1A1B	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
9	25/1A2	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-
10	25/2A	141/ Square Feet	1520/ Square Metre	Residential Special Type - I	01-Jul-2024	-

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Select Criteria :

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Wise

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Sub Registrar Office:*

Ramanathapuram



Thiruppathur_Karaikudi



Registration Village:*

Land Category*

VANIYANKADU



Residential Class I Type - I



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Search Criteria :

Zone:

RAMANATHAPURAM

Sub Registrar Office:

THIRUPPATHUR_KARAIKUDI

Guideline Village:

VANIYANKADU

Revenue Village:

VANIYANKADU

Revenue District:

SIVAGANGAI

Revenue Taluka:

THIRUPPATTUR

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111 items found, displaying 1 to 10.

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Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	10/10	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
2	10/1B1B	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
3	10/1B2	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
4	10/9B	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
5	11/3C	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
6	189/21	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
7	189/22A	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
8	189/22B	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
9	189/22C	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
10	189/23	52/ Square Feet	560/ Square Metre	Residential Class I Type - I	01-Jul-2024	-

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Application Details [20240711/1/7/28707/9189]	
Highway	NH226 [Nh226]
Name of Highway Authority	NHAI Dwarka New delhi
Highway Administration Address	RO-Madurai RO-Madurai
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	KARUPPIAH Address: EXECUTIVE ENGINEER TWAD BOARD RWS DIVISION SIVAGANGAI, SIVAGANGAI (TAMIL NADU), PIN: 630561 Phn: 06379775869 Email: setwadsvg@gmail.com
Application Category	Public Utility
Utility	Water
State	TAMIL NADU
Type	New
Remarks	NH 226 (Thirumayam-Manamadurai section)Km.98/280 to Km.102.280
Submitted On	11 Jul 2024 18:08:16

Details		
1. Length in Meters *		4000
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		17
II. Right side from center line towards increasing chainage OR km direction *		28
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		18
II. Right side from center line towards increasing chainage OR km direction *		27
4. Proposal to acquire the land		
I. Left side from center line *		0
II. Right side from center line *		0
5. Whether proposal is in the same side where land is not to be acquired *		No
If not then where to lay the cable *		NA
6. Details of already laid services if any along the proposed route *		NA
7. Number of Existing lanes *		2 Lane
8. Proposed number of lanes *		2 Lane
9. Service road Exists *		No

10. Proposed Service road		
Left side from center line		0
Right side from center line		0
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *		N/A
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *		NO
13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *		YES
I. Whether the existing drainage structures are allowed to carry utility pipeline. *		NO
II. Is it on a line normal to NH? *		Yes
III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *		50.00

IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. *		YES
V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path *		YES
VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *		YES
VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *		YES
VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. *		YES
14. Whether the proposal satisfies the following:		

I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *		YES
II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *		YES
III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. *		YES
IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. *	79	YES

V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. *		YES
15. Document/Drawings enclosed with the proposal *		Yes
I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *		YES
II. Cross section showing the size of pit and location of cable for HDD method *		YES
III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *		YES
IV. Methodology of laying of the Utility Pipeline/OFC *		YES
V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *		YES

(a) The trench width should be at least 30 cms but not more than 60 cms 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 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *		YES
(c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust *		YES
(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *		YES

(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *		YES
(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *		YES
(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *		YES
VI. Horizontal Directional Drilling (HDD) Method *		YES
VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *		YES
16. Draft license Agreement signed by two witnesses. *		YES
I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *		YES
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *		Yes
I. Confirmation of BG has been obtained as per MoRTH guidelines *		Yes
18. Affidavit/Undertaking from the Applicant for following is to be furnished		

a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *		Yes
b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *		Yes
c) Undertaking Confirming all standard condition of Ministry's guidelines. *		Yes
d) Undertaking for indemnity against all damages and claims *		Yes
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *		Yes
f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *		Yes
g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *		Yes

h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *		Yes
i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *		Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *		Yes
k) Certificate from the applicant in the following format		
l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development		
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *		EXECUTIVE ENGINEER TWAD BOARD RWS DIVISION SIVAGANGAI
20. The Power of Attorney is in favour of authorized signatory? *		Yes

Locations						
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	TAMIL NADU	SIVAGANGAI	NH226 [Nh226] (0.000-55.000) From Km: 0 To Km: 55	Chainage Point: 98.28 Lat: 10.132 Lng: 78.613	Chainage Point: 102.28 Lat: 10.098 Lng: 78.605	View

Documents				
Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	--
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	--
4	Under Submission	Safety Clearance from Directorate of Electricity	No	--
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	--
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	--
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	--
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	--
9	Under Submission	Any Other Statutory Clearance as applicable	No	--

Applicable Fee Details					
Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	5622474.96 85	