सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport and Highways, Government of India)
क्षेत्रीय कार्यालय, मदुरै / **Regional Office, Madurai**
दूसरा व तीसरा तल, विजय कृष्णा प्लाजा, सं. 1, लेक एरिया, मेलुर मैन रोड, माट्टुतावनी, मदुरै - 625107
2nd & 3rd Floor, Vijay Krishna Plaza, No. 1, Lake Area, Melur Main Road, Mattuthavani, Madurai - 625107
दूरभाष / Tele : +91-452-2588999 वेब / Website : www.nhai.gov.in ई.मेल / E-mail: romadurai@nhai.org

NHAI/15018/4.7/02/2025/RO Madurai/E-275871/ 352 5th March,2025

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, तूतीकोरिन - Four laning of Tuticorin-Tirunelveli Section from Km 0/000 to Km 47/250 of NH 7A (New NH138) in the state of Tamilnadu - Proposal for laying of Underground sewer pipe line along the road Gravity Sewer from Km 45/370 to Km 45/570 (RHS), Pumping Main Km 45/570 to Km 45/990 (RHS), Pumping Main Km 46/200 to Km 46/450 (RHS), Pumping Main Km 46/450 to Km 46/600 (LHS) and across the road Pumping Main Km 45/990 and Km 46/600 of NH-138- **Invitation of Public Comments -Reg.**

प्रसंग: PD, Tuticorin Lr. No. NHAI/PIU/TUT/11015/NH-138/TCMC/2025/252 dated 28.02.2025.

The Proposal is regarding Permission for laying of Underground sewer pipe line along the road Gravity Sewer from Km 45/370 to Km 45/570 (RHS), Pumping Main Km 45/570 to Km 45/990 (RHS), Pumping Main Km 46/200 to Km 46/450 (RHS), Pumping Main Km 46/450 to Km 46/600 (LHS) and across the road Pumping Main Km 45/990 and Km 46/600 in Tuticorin -Tirunelveli Section of NH-138 in the State of Tamil Nadu by Commissioner, Tirunelveli City Municipal Corporation has been submitted to this office by the PD, PIU, Tuticorin Lr. No. NHAI/PIU/TUT/11015/NH-138/TCMC/2025/252 dated 28.02.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2) The alignment proposed by Commissioner, Tirunelveli City Municipal Corporation for laying of Underground sewer pipe line along the road Gravity Sewer from Km 45/370 to Km 45/570 (RHS), Pumping Main Km 45/570 to Km 45/990 (RHS), Pumping Main Km 46/200 to Km 46/450 (RHS), Pumping Main Km 46/450 to Km 46/600 (LHS) and across the road Pumping Main Km 45/990 and Km 46/600 in Tuticorin -Tirunelveli Section of NH-138 is as detailed under:

Stretch in Km	Length (m)	Dia. Of the pipe (m)	Available ROW (in m)		Distance of erection from C/L (in m)		Remarks
Along NH-138: Km 45/370 to Km 45/570 (RHS)	200	0.200	45		21.5		Laying of pipe line along the extreme edge of ROW at a distance of 1.0 m from ROW edge.
Km 45/570 to Km 45/990(RHS)	420	0.150					
Km 46/200 to Km 46/450(RHS)	250	0.150					
Km 45/450 to Km 46/600(LHS)	150	0.150					
Across NH-138:	**45**	0.300	–	–	–	–	

Km 45/990							Laying of pipe line along by HDD Method at a minimum depth of 2.0 m from the top of the sub grade.
Km 46/600	45	0.300	–	–	–	–	

3) Commissioner, Tirunelveli City Municipal Corporation has proposed for laying of Underground sewer pipe line along the road Gravity Sewer from Km 45/370 to Km 45/570 (RHS), Pumping Main Km 45/570 to Km 45/990 (RHS), Pumping Main Km 46/200 to Km 46/450 (RHS), Pumping Main Km 46/450 to Km 46/600 (LHS) and across the road Pumping Main Km 45/990 and Km 46/600 in Tuticorin -Tirunelveli Section of NH-138 in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) Commissioner, Tirunelveli City Municipal Corporation has furnished an Undertaking to the effect that the applicant will shift the laid sewer pipeline in future within 90 days 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 Commissioner, Tirunelveli City Municipal Corporation 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

5/3/2025

(एम चंद्रशेखर | M Chandrasekhar)
उप महाप्रबंधक (तक) | Dy.General Manager (Tech)
क्षे.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

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

List of Correspondences

Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1204903/2025/PIU - TUTICORIN	mom	Receipt		01/03/2025 02:59 PM		70-71	for submission
1204900/2025/PIU - TUTICORIN	TCMC Proposal	Receipt		01/03/2025 02:57 PM		1-69	for submission

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)
परियोजना कार्यान्वयन इकाई - तूतीकोरिन / Project Implementation Unit - Tuticorin
तूतीकोरिन-तिरुनेलवेली NH-138, थट्टपारई विलक्कु, पुदुकोट्टई पी.ओ, तूतीकोरिन - 628 103
Tuticorin-Tirunelveli NH-138, Thattaparai Vilakku, Pudukottai P.O., Tuticorin - 628 103
दूर/Tele: 0461 2340968 ई मेल/E mail: piututynhai@gmail.com, tuticorin@nhai.org वेब/Web: www.nhai.gov.in

सत्यमेव जयते

NHAI/PIU/TUT/11015/NH-138/TCMC/2025/252

28.02.2025

सेवामें | To

The Regional Officer,
National Highways Authority of India,
2nd& 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road,
Mattuthavani, Madurai - 625 107.

विषय | SUB:भाराराप्रा- पकाई- तूतीकोरिन - NHAI-PIU-TUTICORIN- Four laning of Tuticorin-Tirunelveli Section from Km.0/000 to Km 47/250 of NH 7A (New NH138) in the state of Tamilnadu - Proposal for laying of Underground sewer pipe line along the road Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main Km 45+570 to Km 45+990 (RHS), Pumping Main Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main Km 45+990 and Km 46+600 of NH-138 - **Permission Requested - Reg.**

प्रसंग | Ref:

1. The Commissioner, Tirunelveli City Corporation, Tirunelveli Letter No.E3/1832/2024, dated 24.02.2025.
2. This office Lr.No.NHAI/PIU/TUT/11015/NH-138/TCMC/2025/227 Dated: 24.02.2025.
3. RE, M/s.Bloom Companies, Tirunelveli Lr.No.Bloom/SC/ Tuticorin-Tirunelveli/NH-138/NHAI/2025/043, dt: 24.02.2025.

महोदय | Sir,

It is submitted that the Commissioner, Tirunelveli City Corporation, Tirunelveli, vide reference cited as 1st, has submitted a proposal seeking permission for the laying of an underground sewer pipeline at the following location along the Tuticorin-Tirunelveli section of NH 138.

Along the road:

S.No	Chainage From	Chainage to	Side	Distance	Remarks
1	Km. 45+370	Km. 45+570	RHS	200m	Gravity Sewer
2	Km. 45+570	Km. 45+990	RHS	420m	Pumping Main
3	Km. 46+200	Km. 46+450	RHS	250m	Pumping Main
4	Km. 46+450	Km. 46+600	LHS	150m	Pumping Main
	Total Distance in m			1020 m	

Across the road:

S. No	Crossing at chainage	Distance
1	Km. 45+990	45 m
2	Km. 46+600	45 m
	Total Distance in m	**90 m**

Total Distance =1020 + 90 = 1110 m.

2. In this regard, it is to apprise that earlier, the proposal was submitted by the Commissioner, Tirunelveli City Corporation, Tirunelveli, vide letter dated 07.02.2025, which was recommended by the Supervision Consultant vide letter dated 14.02.2025. The proposal was examined by this office, and in order to resolve the issues noticed, a site inspection was held on 20.02.2025 at 5:30 PM on the Tuticorin-Tirunelveli National Highway (near KTC Nagar) regarding the issues in laying the sewer line on National Highway land. The inspection was attended by this office, the District Collector, the Commissioner, TWAD Board officials, TANGEDCO officials, IOCL (CGD) officials, and the Supervision Consultant, M/s. Bloom Companies LLC., wherein follwing directions were issued:

- The proposal for the laying of the sewer line on NHAI land was explained by the Executive Engineer (EE) of the Corporation. It was informed that the proposal for the sewer line from Km 45+680 to Km 46+000 (LHS) had been withdrawn, and it has been decided that the sewage line will be laid on Corporation land, beyond the NHAI Right of Way (ROW)

- The Project Director, NHAI, stated that the proposal for laying the sewer line on the Right-Hand Side (RHS) appears acceptable and upon receipt of the formal proposal from Commissioner, Tirunelveli Corporation, the same will be promptly submitted to approval of the Competent Authority of NHAI. The work can be commenced upon receipt of approval from Competent Authority of NHAI and deposition of requisite License fee and Bank Guarantee by Tirunelveli Corporation.

- It was noted that the area proposed for the sewage pipeline contains existing utilities such as pipelines and EB poles, which the Corporation must safeguard and restore, if required during the sewage pipeline laying, in coordination with the concerned agencies.

- The Project Director, NHAI, further informed the Collector that NHAI had already issued permission for the laying of a gas pipeline by IOCL in the same stretch proposed for the sewer pipeline. The representative from IOCL stated that the laying of the gas pipeline was already underway up to Sarada College Junction and would be completed in KTC Nagar as well. The representative also confirmed that IOCL would install its pipeline at a depth of 2.00 meters below the sub-grade level, using the HDD method if needed, and had no objection to the sewer pipeline being laid above their line. Additionally, if the sewer pipeline was laid before their work was completed, IOCL would install its pipeline below it using the HDD method.

- The Project Director, NHAI, apprised that, based on the recommendations of the Tirunelveli District Road Safety Committee, a proposal for constructing a Vehicular Underpass (VUP) in KTC Nagar is under preparation. The construction of the VUP may require the shifting of existing utilities, including water pipelines

and EB lines, to the extreme edge of the ROW, beyond both the current and proposed roadside drains.

- The Collector inquired about the methodology for laying the sewer line without disturbing the existing and forthcoming utilities. The Executive Engineer of Tirunelveli Corporation explained that HDD (Horizontal Directional Drilling) would be used wherever required areas in coordination with respective utility owing departments. It was assured that the sewer line will be installed at minimum depth of 1.20 meters below the sub-grade level with a cushion of 300 mm provided above IOCL pipeline. It was also assured by the Corporation that the sewage line would be installed only at the extreme edge of the ROW, inline with the conditions stipulated in approval of NHAI without damaging any assets of NHAI and that encroachment removal and HDD methods, as required would be adopted by the Corporation based on site conditions.

- The Executive Engineer of TWAD submitted that there shall be no issues with placing the water pipeline above the sewage pipeline of Corporation with a 300 mm cushion. The Executive Engineer of TNEB also agreed that there shall be no issues with placing EB lines above or near the pipelines at the ROW's edge. The Collector instructed all utility-owning agencies to cooperate during the sewer line installation to prevent any damages or complications on-site. Further, all utility-owning agencies were directed to ensure no objections or issues to be raised for the shifting of pipelines and electric lines required for the construction of the underpass by NHAI.

- The Collector instructed Tirunelveli Corporation to submit the proposal to NHAI on priority and directed NHAI to ensure its prompt approval.

3. After complying with the same, the Commissioner, Tirunelveli City Corporation, Tirunelveli has submitted the revised proposal vide reference (i).

4. In this regard, the proposal was examined by this office as well as Supervision Consultant as per Ministry's Circular No. RW- NH/33024/29/2015/S&R ® dated 22.11.2016 and subsequent Amendment dated 17.04.2023 other circulars and the following points are made:

i. The Commissioner, Tirunelveli City Corporation, Tirunelveli has proposed for Underground sewer pipe line along the road Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main Km 45+570 to Km 45+990 (RHS), Pumping Main Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main Km 45+990 and Km 46+600 of in Tuticorin-Tirunelveli Section of NH 7A (New NH138).

ii. The said proposal has been submitted in MoRTH NOC Portal and its application no.20250205/1/9/33788/14438.

iii. The Commissioner, Tirunelveli City Corporation, Tirunelveli has given 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 and subsequent Amendment dated 17.04.2023 as when asked by NHAI.

iv. 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.

v. The cost of restoration charges for the erection of Underground sewer pipe line is worked out as **Rs.3,02,000/- (Rupees Three lakh and two thousand Only)** for which the applicant is required to furnish the BG having validity up to one (1) year as per the **Annexure-I.**

vi. The track rent to be collected for erection of Underground sewer pipe line along / across the road is worked out for five years as **Rs.1,65,821/- (Rupees One lakh sixty-five thousand eight hundred twenty one Only)** for which the applicant is required to be remitted in Bharatkosh Portal valid for up to Five (5) years period as per the **Annexure-II.**

vii. It shall be the responsibility of the agency (applicant) to ensure the safety of the Highway traffic against the hazards of the high voltage lines. The proposed site shall be open for inspection of NHAI, and the instructions imparted by officials of NHAI has to be followed by the agency and the Ministry shall not be responsible for any financial liability on this account.

viii. Prior approval of the Highways Authority shall be shifting or repairs, or alterations, to be obtained before undertaking any work of installation, utility lines located in the National Highway Right-of-way (ROW).

ix. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highways by the laying, maintenance of shifting of the utility line will be borne by the agency owning the line.

x. If 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 Highway Authority at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given. Also the road land shall be restored to its original condition by agency when required to do so by the Govt. of India or any person authorized on its behalf and agency shall not be entitled to any compensation on account of such removal or restoration.

xi. The road shall be kept in traffic worthy condition during construction/laying period and the traffic should continuously move safety and without hindrance move safety and without hindrance.

xii. In case of laying along the NH, many cross-road junctions shall be encountered. At all such locations laying shall be done through HDD/overhead crossing (by fulfilling minimum depth criteria) and no dismantling of cross-road shall be allowed in any case, as these junction has been developed by NHAI and thus any damage to the same shall not be allowed in any case. Further, in locations of bus lay bye/truck lay bye/bus shelters, the laying shall be done toward the extreme edge of ROW, and no damage shall be caused to these assets and no laying shall be done underneath the Bituminous Concrete.

xiii. Laying along the NH ROW shall be allowed beyond the toe line of the embankment and drains, as close to the extreme edge of the Row as possible.

xiv. 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. As an additional measure all such

location of minor bridges and Major Bridges has already been deleted from the proposal and applicant shall be required to ensure laying at own arrangement after seeking necessary approval from Concerned Department, as may be applicable. The safety precaution for carrying out HDD shall be ensured by the Applicant has brought out in MoRTH Policy dated 17.04.2023.

xv. No laying shall be allowed underneath/over the drain or service road of the NH in any case. No additional distribution lines shall be laid without specific approval of the Competent Authority.

xvi. It shall be the responsibility of the applicant, to ensure clearance from all statutory departments such as Forest Department, Water Resource Department etc as may be applicable and as mandated by law.

xvii. No damage shall be caused to NH asset such as drain, embankment, carriageway or any road furniture on the NH for this proposed laying along/across the NH ROW. The Utility shall be laid at edge of NH ROW and Removal of Encroachment if any shall be the responsibility of the applicant.

xviii. While laying the line, the applicant must ensure that the extent of digging of the trenches should be strictly regulated so that utility services are laid, and trenches filled up before the close of the work that day. The filling should be completed to the satisfaction of the Engineer of Project/NHAI and Concessionaire on daily basis.

xix. The crossing of the pipe lines has to be laid as proposed in the drawing without disturbing the foundation of the existing VUP structures/ fly over structures.

xx. In the section under consideration, the plantation has been carried out by the Forest Department, however If any plantation of the NHAI being maintained by the Concessionaire is disturbed/damaged/removed, then the applicant shall be liable to pay damages Rs 2500/- Per plant and in case of failure of agency to deposit the same, it shall be recovered from the BG submitted by the applicant.

xxi. The bank guarantee is submitted as a security against (1) Improper restoration of ground in terms of filling/unsatisfactory compaction (1) damages caused to any asset of NHAI (inter alia including plantation) (i) damage caused to any other underground installations/utility services (v) interference, interruption, disruption or failure caused thereof to any services etc. The BG can be forfeited by the Authority in case the work is not carried out as per the conditions imposed by the Approving Authority, the conditions of working permission and executed license deed for which the Licensee shall not have any right to make objections/claim in the matter.

xxii. In case of any damage caused to any asset if Authority (inter alfa including plantation), the working permission shall be withdrawal till proper restoration to the satisfaction of Authority and in case of failure of applicant to ensure proper rectification, the amount shall be forfeited by the Authority from the Bank Guarantee submitted by the applicant for which the Licensee shall not have any right to make objections/claims.

xxiii. 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 failing which the permission may be cancelled by the Highway Administrator for which the Licensee shall neither be entitled to any claims, nor shall it be absolved from any liability

already incurred. The Licensee shall be liable to pay full compensation to the Authority (as assessed by the Authority) for any damage sustained by the Authority by reason of the exercise of the Row facility by the applicant.

xxiv. 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 and the Licensee shall procure insurance from a reputed Insurance company against damages to already existing underground installations/utilities/facilities etc. 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 coordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.

xxv. In terms of clause-7 of MORTH Guideline dated 22.11.2016, the utility services shall be made operational by the Licensee only after a completion certificate to the effect is issued by the Highway Administration 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.

xxvi. For the purpose of completion certificate, three copies of 'as laid drawings of utilities (hard) and soft copies) with geo-tagged photographs (@every 100m interval and at each crossing) and geo-tagged video recordings (Date wise) of laying of sewer pipe line in the trench (with respect to the NH) shall be submitted after complete restoration shall be submitted to the Authority for verification/record within a month of completion of works.

xxvii. The Bank Guarantee shall be returned only after issuance of completion certificate by the Highway Administration.

xxviii. The permission can be cancelled at any time by Authority for breach of any condition brought out above and for any condition imposed by Competent Authority while granting approval and working permission or licence agreement. Licensee shall not be entitled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.

xxix. Applicant shall ensure videography during the execution of the work and the same shall be compulsorily submitted to this office within 24 hrs, after completion of the work.

xxx. The strip plan showing the details of proposed for laying of underground sewer pipe line and necessary checklist are furnished along with the proposal.

xxxi. The Commissioner, Tirunelveli City Corporation, Tirunelveli has given undertaking that they will relocate sewer pipe line / utilities at their own cost notwithstanding the permission granted within such time as stipulated by NHAI for future 4 laning or any other development.

xxxii. The site will be restored to the original condition by the utility department itself.

xxxiii. The amount of Bank Guarantee / License fee is tabulated below for ready reference.

SN	Purpose	Amount
1	Bank Guarantee as per circular	**Rs.3,02,000/-**

2	Licensee fee as per circular	**Rs.1,65,821/-**

3. In view of the above, it is requested that the necessary permission may please be granted to the Commissioner, Tirunelveli City Corporation, Tirunelveli for laying of Underground sewer pipe line along the road Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main Km 45+570 to Km 45+990 (RHS), Pumping Main Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main Km 45+990 and Km 46+600 in Tuticorin-Tirunelveli Section of NH 7A (New NH138) in the state of Tamil Nadu at an early date.

भवदीय| With Regards,

Encl: 1 No of proposal and references.

28/04/2025

परियोजना निदेशक | Project Director
पकाई- तूतीकोरिन | PIU - Tuticorin.

ANNEXURE-II

LICENSE FEES FOR PUBLIC UTILITY

Utilized NH Land area X Prevailing Circle Rate of Land per Unit area X 1.5% per annum

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in m)	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						
Along the road									
1	Tirunelveli	45.370	45.570	RHS	200	0.15	30.00	10895.00	4902.75
2	Tirunelveli	45.570	45.990	RHS	420	0.15	63.00	10895.00	10295.78
3	Tirunelveli	46.200	46.450	RHS	250	0.15	37.50	10895.00	6128.44
4	Tirunelveli	46.450	46.600	LHS	150	0.15	22.50	10895.00	3677.06
6	Tirunelveli	45.990		Crossing	45	0.3	13.50	10895.00	2206.24
7	Tirunelveli	46.600		Crossing	45	0.3	13.50	10895.00	2206.24
TOTAL									**29416.50**

License Fee for 1st year		**29416**
Add: 6% per annum for 2 year	1765.0	31181
Add: 6% per annum for 3 year	1870.9	33052
Add: 6% per annum for 4 year	1983.1	35035
Add: 6% per annum for 5 year	2102.1	37137
Minimum License Fee for for 5 years		**165821** /-

Manager (T)
PIU - Tuticorin

RESTORATION CHARGES

ANNEXURE-I

SL. NO	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	Restoration charges per(m)	RESTORATION CHARGES
	FROM	TO				
1	45.370	45.570	RHS	200	100	20000
2	45.570	45.990	RHS	420	100	42000
3	46.200	46.450	RHS	250	100	25000
4	46.450	46.600	LHS	150	100	15000
5			crossing	2	100000.00	200000.00
TOTAL						**302000.00**

Manager (T)
PIU - Tuticorin

Bloom/SC/Tuticorin-Tirunelveli/NH-138/NHAI/2025/043 **Date: 25.02.2025**

To

The CFO cum Project Director,
Tuticorin Port Road Company Limited
NATIONAL HIGHWAYS AUTHORITY OF INDIA,
Tuticorin-Tirunelveli NH-138,
Thattaparai Vilakku, Pudukottai,
Tuticorin (TN)-628103.

Sub: Consultancy Services for Supervision Consultants of Operation & Maintenance of from Km 0+000 to Km 47+250 on Tuticorin Tirunelveli section of NH-138 (Old NH-7A) in the state of Tamilnadu – **Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main Km 45+570 to Km 45+990 (RHS), Pumping Main - Km 46+200 to Km 46+450 (RHS), Pumping Main Km 45+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of NH-138 - Revised Proposal Submitted - Permission Requested – Inspection report – Reg.**

Ref: i) Letter from PIU- Tuticorin No. NHAI/PIU/TUT/11015/NH-138/TCMC/2025/174 dated: 10.02.2025.
ii) This Office letter :Bloom/SC/Tuticorin-Tirunelveli/NH-138/NHAI/2025/037 dated: 14.02.2025.
iii) Letter from PIU- Tuticorin No. NHAI/PIU/TUT/11015/NH-138/TCMC/2025/227 dated: 24.02.2025.
iv) The Commissioner, Tirunelveli City Municipal Corporation, Tirunelveli Letter No. E3/1832/2024, dated 24.02.2025.

With reference to letters cited above, the revised proposal submitted by The Commissioner, Tirunelveli City Municipal Corporation, Tirunelveli had requested for permission to lay along the road, Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main Km 45+570 to Km 45+990 (RHS), Pumping Main - Km 46+200 to Km 46+450 (RHS), Pumping Main Km 45+450 to Km 46+600 (LHS) and across the road Pumping Main -Km 45+990 and Km 46+600 by HDD method of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu. In this regard the site was inspected along with Applicant representative on 24.02.2025.

In lieu with Joint discussion between Authority and Applicant, the revised proposal was submitted. On scrutinizing the proposal, following location were recommended with the conditions,

Along the road:

S.No	Chainage From	Chainage to	Side	Distance	Remarks
1	Km. 45+370	Km. 45+570	RHS	200m	Gravity Sewer
2	Km. 45+570	Km. 45+990	RHS	420m	Pumping Main
3	Km. 46+200	Km. 46+450	RHS	250m	Pumping Main
4	Km. 46+450	Km. 46+600	LHS	150m	Pumping Main
	Total Distance in m			**1020 m**	

Corporate Office India: Bloom Companies LLC, 2nd Floor, Tower-A, Capital Business park, Above Croma, Sohna road, sector-48, Gurugram-122018 **Phone**-0124-4292105
Site Office: Plot no.33, VOC 3rd street (East), VOC Nagar, V.M.Chatram,Tirunelveli,Tamil Nadu,
Website: www.bloomcos.com **E-Mail**: tirunelvelioffice@bloom-india.com **CIN:** F04568

Across the road:

S. No	Crossing at chainage	Distance
1	Km. 45+990	45 m
2	Km. 46+600	45 m
	Total Distance in m	**90 m**

Total Distance =1020 + 90 = 1110 m.

The proposal may consider as per the NHAI guideline and norms with following conditions.

1. All the Gravity Sewer/Pumping main laying works should be as per the approved layout drawings and the Gravity Sewer/Pumping main shall be laid at the extreme end of ROW and within 2 m utility corridor.
2. Proper safety arrangement shall be made available during the time of execution of works.
3. No damage to the existing Highway, Road furniture NHAI properties and other utilities.
4. While carrying work there should not be any obstruction to the Road Traffic (Night time preferable).
5. While carrying works the approved drawings and proposal submitted should be followed strictly. Like, laying of Gravity Sewer/Pumping main shall be at least 2.0 m below from the subgrade level.
6. While carrying work there should not be any damages to NHAI properties. If any damages occurred concern department should be restored at their own cost.
7. Not allowed for trenching work and only HDD method is allowed for laying Pumping main across the road for the above said location.
8. Licensee shall inform /give a notice to the NHAI or its authorized agency at least 15 days in advance with a route details prior to digging the trenches for fresh or maintenance / repair work.
9. In case on any further widening of highways and construction of flyovers of bridge works that may be taken up at future date due to revised plan then the applicant shall be responsible for shifting of work by licensee.
10. Hence this proposal is recommended for approval.

This is for your kind information and necessary action.

With regards,

BLOOM CPC JR TVL

(S.S.Selvaraj)
Highway Maintenance cum Resident Engineer.

Corporate Office India: Bloom Companies LLC, 2nd Floor, Tower-A, Capital Business park, Above Croma, Sohna road, sector-48, Gurugram-122018 **Phone**-0124-4292105
Site Office: Plot no.33, VOC 3rd street (East), VOC Nagar, V.M.Chatram,Tirunelveli,Tamil Nadu,
Website: www.bloomcos.com **E-Mail:** tirunelvelioffice@bloom-india.com **CIN:** F04568

परियोजना कार्यान्वयन इकाई - तूतीकोरिन / Project Implementation Unit - Tuticorin
तूतीकोरिन-तिरुनेलवेली NH-138, थट्टपारई विलक्कु, पुदुकोट्टई पी.ओ, तूतीकोरिन - 628 103
Tutlcorin-Tirunelveli NH-138, Thattaparai Vilakku, Pudukottai P.O., Tuticorin - 628 103
दूर/Tele: 0461 2340968 इ मेल/E mail: piututynhai@gmail.com, tuticorin@nhai.org वेब/Web: www.nhai.gov.in

NHAI/PIU/TUT/11015/NH-138/TCMC/2025/227 . **24.02.2025.**

सेवा में | To

The Highway Maintenance cum Resident Engineer,
Bloom Companies LLC in JV with Chaitanya Projects Consultancy Pvt. Ltd in Association with JR Consultancy Services Pvt Ltd.
Plot No:33,VOC Nagar 3rd Street,
VM Chathram, Tirunelveli - 627011.

विषय | SUB:भाराराप्रा - पकाई- तूतीकोरिन - NHAI-PIU-TUTICORIN- Four laning of Tuticorin - Tirunelveli Section of NH-138 in the state of Tamil Nadu- Permission for laying of Sewer line along the road Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main - Km 45+570 to Km 45+990 (RHS), Pumping Main - Km 46+200 to Km 46+450 (RHS), Pumping main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu- **Revised Proposal Submitted - Permission Requested - Reg.**

प्रसंग | Ref: The Commissioner, Tirunelveli City Municipal Corporation, Tirunelveli Letter No. E3/1832/2024, dated 07.02.2025.

महोदय | Sir,

With reference to the above subject cited, it is to inform that the revised proposal was received from the Commissioner, Tirunelveli City Municipal Corporation, Tirunelveli regarding Permission for laying of Sewer line along the road Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main - Km 45+570 to Km 45+990 (RHS), Pumping Main - Km 46+200 to Km 46+450 (RHS), Pumping main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.

In this regard, you are requested to inspect the site and verify the proposal based on NHAI extant guidelines, this office letter no 11015/1/NHAI/PIU/TUTY/NH-138 & 38/2024/488 dated 02.07.2024 and propose the recommendations within the time limit.

भवदीय | With Regards,

24/02/2025

Encl: as above.

परियोजना निदेशक | Project Director
भाराराप्रा -पकाई- तूतीकोरिन | NHAI-PIU - Tuticorin.

Copy to : The Commissioner, Tirunelveli City Municipal Corporation, Tirunelveli - for information.

Municipal Administration & Watersupply Department

Dr.N.O.Sukhaputra,IAS.,
Commissioner,
Tirunelveli City Municipal Corporation,
Tirunelveli – 627 001.
☎ Phone: 0462 -2329329
Email: commr.tirunelveli@tn.gov.in

To:

The Project Director
PIU, National Highway Authority of India (NHAI),
Jameen Nallamalai.,
Thoothukudi – 628101.

Roc.No: E3/1832/2024 Date: 24.02.2025

Subject: Tirunelveli Corporation- Providing Underground Sewerage Scheme (UGSS) to Tirunelveli Municipal Corporation - Phase III, Package 3 – **Submission of revised proposals**- Permission for laying of Sewer line along the road Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu - Reg.

Reference:
1. TCMC Letter: Roc. No. E1/11052/2017 Dated: 18.08.2021.
2. Letter from NHAI: NHAI/PIU/TUT/NH-138/2021/769 Dated: 30.08.2021.
3. TCMC Letter: Roc. No. E1/11052/2017 Dated: 02.12.2021
4. TCMC Letter: Roc No.E1/11052/2017 Dated: 12.09.2024
5. TCMC Letter: Roc No.E3/1832/2024 Date 07.02.2025.
6. Site Inspection headed by District Collector Tirunelveli on 20.02.2025.
7. MoRTH NOC portal application ID: 20250205/1/9/33788/14438
8. SAI Ref: [SAI/D218026/0256/2024] letter dated: 22.02.2025.

In continuation to the above references, District Collector, Tirunelveli conducted site inspection regarding issues in laying of sewer in 45+370 KM to 46+600 KM in NH 138 (Tirunelveli -Tuticorin Road) on 20.02.2025. Based, on the above inspection, revised proposals have been prepared and to be submitted to NHAI Tuticorin.

Further revised proposals for laying sewage pipeline at Tuticorin -Tirunelveli section of NH 138 from

1. Km 45+370 to Km 45+570 RHS (Gravity sewer).
2. Km 45+570 to Km 45+990 RHS (Pumping Main).
3. Km 46+200 to Km 46+450 RHS (Pumping Main).
4. Km 46+450 to Km 46+600 LHS (Pumping Main).
5. Km 45+990 and Km 46+600 (Pumping main across the road).

The Revised proposal is submitted in the MoRTH NOC Portal to process the approval. It is requested that necessary permission may be given for carrying out the works and requested to issue the cost demand for the restoration charges. As this a time bound program, early permissions will facilitate the project to be completed in time and put in use for the end user Tirunelveli residents.

The attached drawings showing the details of sectional drawing alignment of sewer Pipeline.

(Sd) N.O.Sukhaputra,
Commissioner,
Tirunelveli City Municipal Corporation.

//True Copy//

Executive Engineer,
Tirunelveli City Municipal Corporation.

24.2.25

Enclosure: Agreements and revised proposal drawings (2 Copies original and 3 Copies Xerox).

Municipal Administration & Watersupply Department

Dr.N.O.Sukhaputra,IAS.,
Commissioner,
Tirunelveli City Municipal Corporation,
Tirunelveli – 627 001.
☎ Phone: 0462 -2329329
Email: commr.tirunelveli@tn.gov.in

To:

The Project Director
PIU, National Highway Authority of India (NHAI),
Jameen Nallamalai.,
Thoothukudi – 628101.

Roc.No: E3/1832/2024 Date: 24.02.2025

Subject: Tirunelveli Corporation- Providing Underground Sewerage Scheme (UGSS) to Tirunelveli Municipal Corporation - Phase III, Package 3 – **Submission of revised proposals**- Permission for laying of Sewer line along the road Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu - Reg.

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3. Km 46+200 to Km 46+450 RHS (Pumping Main).
4. Km 46+450 to Km 46+600 LHS (Pumping Main).
5. Km 45+990 and Km 46+600 (Pumping main across the road).

The Revised proposal is submitted in the MoRTH NOC Portal to process the approval. It is requested that necessary permission may be given for carrying out the works and requested to issue the cost demand for the restoration charges. As this a time bound program, early permissions will facilitate the project to be completed in time and put in use for the end user Tirunelveli residents.

The attached drawings showing the details of sectional drawing alignment of s
Pipeline.

(Sd) N.O.Sukhaputra,
Commissioner,
Tirunelveli City Municipal Corporation

//True Copy//

Executive Engineer,
Tirunelveli City Municipal Corporation,

24.2.25

Enclosure: Agreements and revised proposal drawings (2 Copies original and 3 Copies Xerox).

Application Details [20250205/1/9/33788/14438]	
Highway	NH7A [NH7A]
Name of Highway Authority	
Highway Administration Address	
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	TIRUNELVELI CITY MUNICIPAL CORPORATION Address: Tiruneleveli City Municipal Corporation, SN High Road, Tiruneleveli., TIRUNELVELI (TAMIL NADU), PIN: 627001 Phn: 07708257747 Email: msmaskar@systra.com
Application Category	Public Utility
Utility	Sewage
State	TAMIL NADU
Type	New
Remarks	Permission for laying of Sewer line along the road from Gravity Sewer Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.
Submitted On	24 Feb 2025 12:50:04

Details		
1. Length in Meters *		1110
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		22.50
II. Right side from center line towards increasing chainage OR km direction *		22.50
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		21.50
II. Right side from center line towards increasing chainage OR km direction *		21.50
4. Proposal to acquire the land		
I. Left side from center line *		NA
II. Right side from center line *		NA
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 *		4 Lane
8. Proposed number of lanes *		4 Lane
9. Service road Exists *		Yes

10. Proposed Service road		
Left side from center line		NA
Right side from center line		NA
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *		After the service road.
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *		NA
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, crossing of the road by using HDD Method.
I. Whether the existing drainage structures are allowed to carry utility pipeline. *		NA
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. *		15.00

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,using 300mm dia MS Encasing pipe.
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. *		Trenchless Method for crossing using HDD Method.
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. *		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, Shown in drawings.
II. Cross section showing the size of pit and location of cable for HDD method *		Yes, Shown in drawings.
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, Shown in drawings.
IV. Methodology of laying of the Utility Pipeline/OFC *		Trenchless method for crossing and open trench method for along the road.
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 *		Backfill the excavated soil with compaction @ Every 300mm.

(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). *		NA
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. *		The Commissioner,Tirunelveli City Municipal Corporation
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	TIRUNELVELI	NH7A [NH7A] (0-47.20) From Km: 45.37 To Km: 46.6	Chainage Point: 45.37 Lat: 8.714 Lng: 77.780	Chainage Point: 46.6 Lat: 8.714 Lng: 77.770	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	341558.25	

PERMISSION FOR CONSTRUCTION AND LAYING OF SEWER PIPE LINE BY GRAVITY AND PUMPING

SECTION

Operation and Maintenance of Four lining of Tuticorin– Tirunelveli section from Km.0.000 to Km.47.20 of NH-138 (Old No. NH-7A) in the State of Tamil Nadu

APPLICANT

THE COMMISSIONER,
TIRUNELVELI CITY MUNICIPAL CORPORATION,
TIRUNELVELI.

AUTHORITY

THE PROJECT DIRECTOR,
NATIONAL HIGHWAYS AUTHORITY OF INDIA,
TUTICORIN.

COMMISSIONER
TIRUNELVELI CORPORATION

CHECK-LIST

Guidelines for Project Director for processing the Proposal for Laying of 150mm and 200 mm dia Gravity main and pumping main with Sewer manholes in the land at National Highways vested with NHAI.

Permission for laying of sewer manhole lines along the road and crossing at following locations

Sl.no	Location	NH Chainage		Side	Details of Proposed alignment	Length	Remarks
		From	To				
1	Viswa Ratna Nagar	CH. 45+370	CH. 45+570	RHS	DWC 200mm dia-Gravity Sewer	200 m	Along the road (After service Road).
2	Kamatchi Nagar	CH. 45+570	CH. 45+990	RHS	CI 150mm Dia-Pumping main	420 m	Along the road (After service Road)
		CH. 45+990		Road Crossing	CI 150mm Dia-Pumping main	45 m	Across the road
3	Near Mangammal Salai and Astalaksmi nagar	CH. 46+200	CH. 46+450	RHS	CI 150mm Dia-Pumping main	250 m	Along the road (After service Road)
		CH. 46+600		Road Crossing		45 m	Across the road
4	Near V.M Chatiram Road	CH. 46+450	CH. 46+600	LHS	CI 150mm Dia-Pumping main	150 m	Along the road (After Service Road).
					Total Length	**1110m**	

Manager (T)
PIU - Tuticorin

Highway Cum RE
Bloom / CPC / JR
NH - 138

COMMISSIONER
TIRUNELVELI CORPORATION

Relevant Circulars :

1. Ministry Circular No. NH-41 (58)/68 dated 31.01.1969.
2. Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976.
3. Ministry Circular No. RW/NH-III/P/66/76 dated 11.05.1982.
4. Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993.
5. Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.01.1995.
6. Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999.
7. Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.09.2003.
8. Ministry Circular No. RW/NH-33044/29/2015/S&R/ dated 22.11.2016.

Check list for getting approval for Laying of Sewer Pipeline and manholes on NH land

S. No	Item	Information/status	Remark
1.0	General information	Laying of 200mm and 150mm dia Gravity main and pumping main with Sewer manholes in the land at National Highways vested with NHAI.	
1.1	Name and Address of the Applicant	THE COMMISSIONNER, SWAMI NELLAIYAPPAR HIGH ROAD, TIRUNELVELI CITY MUNICIPAL CORPORATION, TIRUNELVELI- 627001	
1.2	National Highway Number	NH 138(old NH7A)	
1.3	State	Tamil Nadu	
1.4	Location	Tuticorin -Tirunelveli section of NH 138.	
1.5	(Chainage in Km)	Along the road from Gravity Sewer Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.	
1.6	Length in Meters	1110 Meters	
1.7	Width in available ROW		
	(a)Left side from center line towards increasing chainage/Km-direction	22.50 Mtr.	
	(b)Right side from center line towards	22.50 Mtr.	
1.8	Proposal to Laying of Sewage line		
	(a) Left side from center line toward increasing chainage/Km-direction	21.50 Mtr.	
	(b) Right side from center line toward increasing chainage / Km-direction.	21.50 Mtr.	
1.9	Proposal to acquire land		

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	(a)Left side from center line	NA	
	(b)Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not be acquire, if not then where to lay the underground pipeline.	NA	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes(2/4/6/8 lanes) existing	4 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)		
1.14	Service road existing or not	YES	
	If yes the which side		
	(a)Left side from center line	Shown in Diagram	
	(b)Right side from center line	Shown in Diagram	
1.15	Proposed Service Road		
	(a)Left side from center line	Nil	
	(b)Right side from center line	Nil	
1.16	Whether proposal to laying of sewer line is after the service road or between the service road and main carriageway	After the service road.	
1.17	The permission shall be considered for approval/rejection based on the Ministry Circular mentioned as above. (a) Carrying of Sewage / gas pipeline on highway bridges shall not be permitted Fumes/gases pipe can be accelerate the process of corrosion or may cause explosions, thus being much more injurious of water. (b) Carrying of water pipelines on bridges shall be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on Independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repair, etc., (c) Cost of required extension of the substructure as well as that of the supporting structure shall be borne by the agency-in-charge of the utilities. (d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, Safety of the bridges has to be	Not Applicable.	

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	kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineer only.		
1.18	No.of application on the same stretch	First Application	
1.19	**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, Crossing of the road by Using HDD Method.	
	(a) Existing drainage structures shall not be allowed to carry the line.	Yes, crossing will be laid 15m away from structure.	
	(b) Is it on a line normal to NH.	Yes.	
	(c) Crossing shall not be too near the existing structures on the National Highway,the minimum distance being 15 meter.What is the distance from existing structure.	Yes, crossing will be laid 15m away from structure	
	(d) The casing pipe(or Conduit pipe in the case of electric cable) carrying the utilities 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, Using 300mm dia(5mm Thick) MS Encasing Pipe.	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside sotha 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 in the fills.	Yes.	
	(g) The Casing/conduit pipe should be at least 1.2m below the surface of the road subject to a being at least 0.3m below the drain inverts	Yes.	
	(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Yes	
	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterlong along it.	Yes	

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2	Document / Drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide) a) Should not be greater than 60Cm in wider than the outer diameter of the pipe. b) Located as close to the extreme edge of the right of way as possible but not less than 15 meter from the center lines of the nearest carriageway. c) Shall not be permitted to run along the NH when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges. d) These should be so laid that their top I at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Yes, Shown in Diagram	
2.2	Cross section showing the size of pit location of pipe for HDD method	Yes	
2.3	Strip Plan/Route plan showing the sewage pipeline chainage, wide of ROW distance, important mile stone, and intersections etc.	Yes, Shown in Diagram	
2.4	Methodology for Construction and Pipe laying of sewer line.	Trenchless method for crossing and Open trench method for along the road	
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.	Backfill the excavated soil with compaction @ Every 300mm..	
	(a) The trench width should be at least 30cm ,but not more than 60cm wider than the outer diameter of pipe.	Yes	
	(b) For filling of the trench,Bedding shall be to a depth of not less than 30cm .It shall consists 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 roack edged should be excavated and replaced by selected material.	Yes	

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	(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 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctors density.	Yes	
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of 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	
3	Draft license Agreement signed by two witnesses.	Yes	
4.0	Performance bank guarantee	Would be Obtained after approval of the Proposals	
4.1	Performance BG as per ministry's circular No.RW/NH-33044/27/2005-S&R (R) (Pt) dated 06.08.2013 to be obtained @ Rs100/- per meter length	Applicable on later date	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	To be obtained at the time of execution of Agreement.	
5.0	**Affidavit/Undertaking from the Applicant for**	Undertaking is enclosed herewith	
5.1	Not be Damage to other utility, if damaged the to pay the losses either to NHAI or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantee	Yes will be obtained after submission of BG.	
5.3	Confirming all standard condition of NHAI's guideline	Yes	
5.4	Shifting of Sewage pipeline as and when required by NHAI at their own cost.	Yes	
5.5	Shifting due to 6 laning/widening of NH	Yes	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes	
5.7	Traffic movement during laying of Sewage pipeline to be managed by the applicant	Yes	

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5.8	If any claim is raised by the Concessionaire, then the same has to be paid by the applicant	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting of repairs, or alternations to be showing sewage pipeline located in the NH right of ways.	Yes	
5.10	Expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying maintenance or shifting of the sewage pipeline will borne by the agency owning the line.	Yes	
5.11	If the NHAI considers, if necessary, in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format a) Laying of Sewer line will not have any deleterious effects on any of the bridge components and road way safety for traffic. b) For 6- laning" We do undertake that I will relocate service road/approach road/ utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI" for future six-laning or any other development.	Yes	
6	Who will sign the agreement on behalf of TIRUNELVELI CITY MUNICIPAL CORPORATION	The Commissioner, Tirunelveli city Municipal Corporation, Tirunelveli	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.09.2000 and NHAI'S guidelines issued vide No. NHAU/OEC/2k/ Vol II dated 7.11.2000 and Ministry's circular No.RW/NH-33044/27/200-S&R(R) dated 21.03.2006 and Ministry Guidelines Lr.No.RW/NH-22044/29/2015/S&R (R) (Pt) dated 22.11.2016.	Yes	

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7.2	Certificate for 6-lanning from PD in the following format	To be furnished by PD	
	(a)Where Feasibility is available " I do certify that there will be no Hindrance to proposed six-laning based on the feasibility report considering proposed structure at the said location ". (b)In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".		
8	If NH section proposed to be taken up by NHAI on BOT basis-a clause is to be inserted in the agreement. "The permitted highway on which License has been granted as a right to lay Sewer lines has been granted as a right of way to the concessionaire under the concession agreement for up-gradation of Tuticorin Tirunelveli section of NH-138 on OMT basis and therefore the licenses shall honor the same."	Yes	
9	Who will supervise the work of laying of Sewer line	Consultant/Concessionaire, NHAI Officials.	
10	Who will ensure that the defect in road portion after Laying of Sewer lines are corrected and if not corrected then what action will be taken.	The Commissioner, Tirunelveli city Municipal Corporation – BG will be enhanced. Claim amount will be determined according to the nature and seriousness of damages (if any defects in road portion, BG will be enhanced of NHAI)	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	The Commissioner, Tirunelveli city Municipal Corporation	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Perform.(Copy Enclosed).	NHAI	
13	If any previous approval is accorded for Sewer line laying then photocopy of register of records of permission accorded as maintained by PD the copy be enclosed.	NA	

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Proposal for Laying of sewer line at along the road from Gravity Sewer Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.

GENERAL TO ACCOMPANY ALL PROPOSALS

CHECK LIST

GENERAL

1	Whether the site plan is drawn to a scale of 1:5000 or 1:2500 and enclosed	:	NTS
2	Whether the details for 100m either side of the utility laying have been furnished	:	No
	a. NHAI boundary line with distance from center line of the road marked at salient point where the land width is changing and also at 200m interval.	:	Yes
	'b. The berm, line distance from center line at 200m intervals and also salient points of change of widths of NHAI land	:	Yes
	c. Center line of pavement and parent edge line marked distinctly.	:	Yes
	d. Median if any marked to scale	:	Yes
	e. The locations of the utility line of proposal with change showing exact location and distance from NHAI center line	:	Yes
	f. The existing culverts / drainage work with Diversions	:	Yes
A	Purpose of the proposal in details	:	Tirunelveli Municipal corporation is providing UGSS to Tirunelveli city Municipal corporation – Phase III, Package 3
B	Exact location of the proposal	:	Along the road from Gravity Sewer Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.
C	Whether the applicant is private agency or Govt. Agency	:	Government Department.
D	Any time schedule fixed for the completion of the proposal made	:	As quickly as possible

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E	Reason why the proposal could not be accommodated outside the NH land	:	Sewer must be transmitted from higher region to Treatment plant
F	Whether any other location other this difficult or costly	:	NA
G	Whether the proposal, if implement, will affect the design stability and traffic safety of national highways.	:	No
H	Whether the proposal, if implement, will affect any likely future improvement, such as improvements in geometric.	:	No
I	If there any proposal for improvement, in this stretch of likely to be sanctioned in the near future where they will be affected by this	:	No

CERTIFICATE:

1. This proposal when implemented will not affect the design stability and traffic safety of national Highway Authority of India.
2. This proposal implement now, will not affect and likely future improvements such as improvements to geometrics.
3. There is no proposal for improvements in this stretch likely to be sanctioned near future.
4. The proposal is in accordance with the Government of India's specifications.
5. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution board while executing the work.

The above-mentioned rules have been noted for guidance.

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Annexure-I

Conditions to be enclosed/incorporated in the approval letter for Permission for laying of Sewage 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 sewage 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.
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.

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(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.

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.

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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 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 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.

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.

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40. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of licensee.

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.

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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தமிழ்நாடு तमिलनाडु TAMILNADU

EB 546245

25 JAN 2025

Commissioner Tirunelveli municipal Corporation
Tirunelveli

P. ஜோசப் P. ராயன்
முத்திரைத்தாள் விற்பனையாளர்
74, மதுரை ரோடு. திருநெல்வேலி-1
உரிமம் எண். 3 of 1997

AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAY

Agreement for laying of Sewer line along the road from Gravity Sewer Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.

This Agreement made this _____ day of _____ (month) of _____ (Year) between _____ acting in his executive capacity through _____ _____ hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the part, and **The Commissioner, Tirunelveli City Municipal Corporation, Tamil Nadu state** (hereinafter called the "Licensee") Which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

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Whereas the National Highway Authority of India is responsible for the Operation and Maintenance of Four lane of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.

Whereas the Licensee is the Commissioner, Tirunelveli City Municipal Corporation who is responsible for providing water supply/sanitation to the residents of Tirunelveli city in the State of Tamil Nadu.

Whereas the Licensee has applied to the NHAI for the permission to laying of Sewer line along the road from Gravity Sewer Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.

And Whereas the NHAI have agreed to grant such permission on the terms and conditions herein after mentioned.

Now, this agreement witnesses that subject to the conditions hereinafter contained and the part of the Licensee to be observed and performed. NHAI hereby grant to the Licensee permission to Lay the Sewer line and construction of Sewer manholes in accordance with the predetermined route and the approved drawing and methodology attached here to as annexure subject to the following condition namely:

1. ROW permissions 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 provision/scope of activities defined the in the Licensee 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 fulfilment of technical requirement shall be final and binding on all concerned parties. In case any disruption / damage is caused to any existing user by the subsequent use 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 equipment material, construction, erection, testing and commissioning. Maintenance and

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operation and all other activities essential or required for efficient functioning or their own utility/industrial infrastructure facilities.

4. The Licensee shall pay Licensee fees @ Rs. _ _ _ _ _ _ _ /Sq m/ month to the Authority. The Licensee fee become payable from the date of handing over of ROW land in the Licensee for laying of overhead electrical line/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 or the period for which permission is granted for entering into a Licensee agreement. In case of removal, rate prevailing at the time of removal 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 2.00m 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 requirement being fulfilled.
7. The utility 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 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 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 railing / parapets and the bridge superstructures. The fixing and supporting arrangement with all details be required to be approved in advance from the concerned Highway Administration. Additional cost in account of fixing and supporting arrangement as assessed by Authority shall be parable by the Licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath carriageway of service road, If available, 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 shall not be less than one lane. In such cases, it also needs to ensure the 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.
10. It is being ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Forwards this, the top of the utility services shall be aesthetically provided for / landscaped with required safety measures as directed by concerned Authority.
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

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minimum, extend from drain to drain in cuts toe of slope to toe of slope in the and shall be designed in accordance with the provision of IRC and executed following the specification of the Ministry.

12. Existing drainage structure shall not be allowed to carry the lines across.

13. That the Licensee shall at all-time permit any duly authorized officer (or) servant of the NHAI to inspect the said Construction of Manhole and Laying of sewer crossing.

14. The casing services shall cross the National Highway preferable on a line normal to it or nearly so as practicable.

15. The casing/conduit pipe for crossing the road may be installed under the 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 30cm but not more than 60cmc 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 30cm ,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 pipe (ii) Overfill to the bottom of the road crust.

    c. The side fill shall consist of granular material liad in 15cm. 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 has been removed. Consolidation

    d. The road crust shall be built to the same strength as exiting crust on either on either side of the trench or to thickness and specification 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 produce due to execution of trenching at least at 50m away from the edge of the right of way.

18. All required restoration works subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or though 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@ _____/Route Meter/Per Sq m with validity of one year initially (extendable if

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require till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of group in terms of filling/ unsatisfactory compaction damages caused to other underground in terms of filling/ unsatisfactory compaction damages caused to other underground insulation/utility services & interference, interruption, disruption or failure caused there of any service etc. In case of the Licensee failing in 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 the Licensee and recover the amount by forfeiture of the Bank Guarantee.

20. In case the performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish the performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed in the satisfaction of the Authority, which has granted the permission within a period of 11 months from the date of issues 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 Pipeline within 90 days (or as specified by the respective NHAI) from the date of issues of the notice by the concerned Authority to shift/relocate the line, in case it is so required 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 installations /facilities etc. The Licensee shall ensure the safety and security of already existing Overhead lines/ 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 Overhead lines/ underground installations/utilities/facilities etc.

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 replacement sought for, at the cost and risk of the Licensee. The concerned agency in Co-Ordination with Authority shall also have a right to make good such damages/recover the claim by forfeiture of Bank Guarantee.

24. If the Licensee fails to comply with the 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 highway. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads any try to carry out the work by

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trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be restore the road to the original condition at its cost. If due to unavoidable reason 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 consultative with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making of 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.

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 work. A separate performance Bank Guarantee for maintenances / 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 lines 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 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 Pipe line.

29. The permission for laying utility services is granted maximum for 5 years at a time which an 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.

30. The permission shall be valid only for the period it is issued and fee deposited however, the Authority also has to right to terminate the permission or to extent period of agreement.

31. That the Licensee shall not undertake any work of shifting, repairs or alteration to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.

32. The permission granted shall not 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 ROW will be permitted for any purpose other than that specified in the agreement.

33. During the subsistence of this agreement, the Sewer lines located in highway land/property shall be deemed to have 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 indefeasible by lapse of time.

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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 recording of laying of Sewer lines (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record wit in a month of completion of works.

36. The Licensee shall allow free access to the site at all times to the authorized representative of Authority to inspect the Project Facilities and 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 in the effect that the utility services has been laid in accordance with the approved specification and drawing and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by the Authority for 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.

38. The Licensee shall ensure adherence to relevant India standards and follow best industry practices, method and standards for the purpose of ensuring the safe efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, method 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 services, at least one lane of road shall be kept open to traffic at all times. In case of single lance road, a diversion shall be constructed, If any traffic diversion work are found necessary during the working period such diversion shall be provided at the cost of Licensee.

41. After the termination/expiry of the agreement, the Licensee shall remove the Overhead electrical line/ cable /ducts within 90 days and the site shall be brought back to the original condition failing which 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

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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 disputed in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism preventing in the Ministry and the decision of the redress mechanism shall be final and binding on all.

43. For PPP Project in case of any financial loss incurred by the respective project concessionaires due to such erection of overhead electrical line/ laying and shifting or utility services by the Licensee, compensation of 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 not liable to the concessionaire in any way in this regard.

This agreement has been in duplicate, each on stamp paper ,each party to this agreement has retained one stamped copy each.

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALFOF AUTHORITY.

BY SHRI
(Signature, Name, address with Stamp)

SIGNED ON BEHALF OF Tirunelveli City Municipal Corporation (LICENSEE)

COMMISSIONER
TIRUNELVELI CORPORATION

BY SHRI
(Signature, Name, address with Stamp)

HOLDER OF GENERAL POWER OF ATTORNEY DATED ..... EXECUTED IN ACCORDNCE WITH THE RESOLUTION NO. DATED PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON IN THE PRESENCE OF (WITNESSES):

1. Executive Engineer
Tirunelveli Corporation

2. Assistant Engineer
Main Office
Tirunelveli Corporation

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தமிழ்நாடு तमिलनाडु TAMILNADU

EB 659951

17 FEB 2025

Commissioner Tirunelveli municipal corporation
Tirunelveli

P. ஜோசப் P. ராயன்
முத்திரைத்தாள் விற்பனையாளர்
74, மதுரை ரோடு, திருநெல்வேலி-1
உரிமம் எண்: 3 of 1997

UNDERTAKING

I ,The Commissioner ,Tirunelveli City Municipal Corporation, propose to Lay 200mm dia Gravity Sewer and 150mm pumping main along the road ,Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.

We hereby undertake the standing 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 Overhead Electrical lines / Pipelines, underground installation / utilities etc. The Commissioner, Tirunelveli City Municipal Corporation shall be responsible to ascertain from the respective agency in co-ordination with NHAI. The Commissioner Tirunelveli City Municipal Corporation shall be responsible for safety of all construction of sewer manholes and laying of pipelines along and across NH Road.

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2. **Renewal of Bank Guarantee:** The Commissioner Tirunelveli City Municipal Corporation, furnish a bank guarantee @ Rs.100 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 construction of Sewer manhole and pipeline. No payment shall be payable by the NHAI to The City Municipal Corporation Commissioner, Tirunelveli 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. The City Municipal Corporation Commissioner, Tirunelveli shall either furnish a fresh guarantee or extend the guarantee for a period of one year. In case of The City Municipal Corporation Commissioner, Tirunelveli failing to discharge the obligation of making good the excavated trench, NHAI shall have an amount by invoking the bank guarantee furnished by The City Municipal Corporation Commissioner, Tirunelveli.

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

i. The period of validity of way leave permission shall be co-terminus with the validity of licensee given by the ministry of Communications/DoT.

ii. The laying of sewage pipelines shall be 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, Tirunelveli City Municipal Corporation 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 sewage 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 authorised agency at least 15days in advance with route details prior to digging trenches for fresh or maintenance /repair work. A separate work plan and separate performance bank guarantee @ Rs.100/- per meter length for maintenance /repair work shall have to be furnished by The Commissioner, Tirunelveli City Municipal Corporation.

vi. Each day ,the extent of laying sewerage pipe 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 Sewerage pipe.

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viii. The NHAI has to right to terminate the permission or to extend the period of agreement. In case the Tirunelveli City Municipal Corporation wants to be shifting, repairs or alternation to the laying of Sewerage pipe, 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 alternations to the said sewage line.

x. The Permission granted shall not in any way be deemed to convey to Tirunelveli City Municipal Corporation 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 of sewer pipe 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 Tirunelveli City Municipal Corporation to the use thereof shall not become absolute and indefeasible by laps of time.

xii. Tirunelveli City Municipal Corporation shall bear the stamp duty charged for the agreement.

xiii. Laying of Sewerage pipeline shall not be brought in to use by Tirunelveli City Municipal Corporation unless a completion certificate to the effect that the laying of sewage pipeline in accordance with the approved specifications and drawings and the trenches have been filled up to the specifications and drawings and the trenches have been filled up to the satisfaction 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 breach of any condition of the same and The City Municipal Corporation Commissioner, Tirunelveli shall neither be entitled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.

xv. The Licensee shall have to provide barricading, danger lighting and other necessary caution board while executing the work and during maintenance. If NHAI is required to do some emergent work, The City Municipal Corporation Commissioner, Tirunelveli will provide an observer within 24 hours. NHAI will not 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 The Commissioner, Tirunelveli City Municipal Corporation and for the purpose for which it is granted. Either by

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content or by intent, the purpose extending this Right of Way facility is not to enhance the scope Tirunelveli City Municipal Corporation.

4. **Shifting of sewer line as and when required by NHAI:** The City Municipal Corporation Commissioner, Tirunelveli shall shift the pipelines within 90days (or as specified by the respective agency/owner) from the date of issues of the notice by the NHAI, Govt. of India to shift/relocate the sewer 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 own cost and risk.

5. **Shifting due to 6 lining /Widening of NH:** Tirunelveli City Municipal Corporation shall remove sewer pipeline within 90 days and the site shall be brought back to the original condition failing which the Tirunelveli City Municipal Corporation will lose the right to remove sewer pipeline. However ,before taking up the work of removal of sewer pipeline Tirunelveli City Municipal Corporation shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good 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 Construction of sewer manholes and Pipelines to be managed by the applicant:** If any traffic diversion work is found necessary during the working period such diversion shall be provided at the cost of The City Municipal Corporation Commissioner, Tirunelveli.

7. **If any claim is raised by the concessionaire, then the same has to be paid by the applicant:** The City Municipal Corporation Commissioner, Tirunelveli shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect of consequential damage caused to them/claims or replacement sought for, at the cost and risk of City Municipal Corporation Commissioner, Tirunelveli. 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 The City Municipal Corporation Commissioner, Tirunelveli If 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 City Municipal Corporation Commissioner, Tirunelveli.

8. **I, The Commissioner, Tirunelveli City Municipal Corporation,** 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, The City Municipal Corporation Commissioner, Tirunelveli failing to discharge the obligation of making

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good the damages caused due to excavated trench, the NHAI shall have a right to make good the damages caused due to excavation at cost of The City Municipal Corporation Commissioner, Tirunelveli 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. The City Municipal Corporation Commissioner, Tirunelveli shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.

9. Not to damage to other utility, if damaged, then 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 guarantee. The City Municipal Corporation Commissioner, Tirunelveli shall either furnish a fresh guarantee or extend the guarantee for further period of one year.

11. We will relocate the sewage pipelines at our own cost notwithstanding the permission granted within such times as swill is stipulated by NHAI for future six lining or any other development.

12. I, The Commissioner, Tirunelveli City Municipal Corporation hereby undertake that the existing avenue plantation is not affect due to the present proposed work from Gravity Sewer Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.

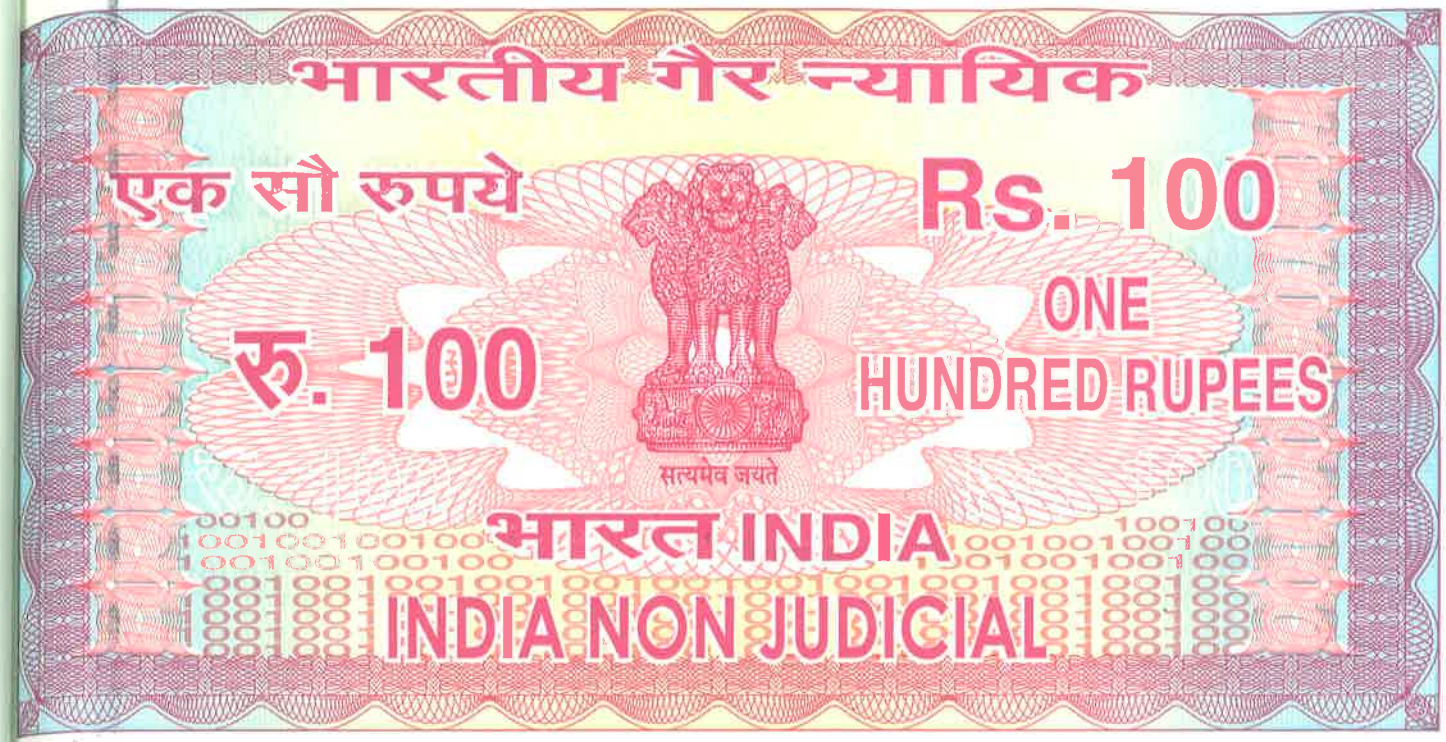
13. I, The Commissioner, Tirunelveli City Municipal Corporation hereby under that the pay the fee/rent as mentioned in the Ministry's Guidelines Lr.No.RW/NH-22044/29/ 2015-S &R (R) dated 22-11-2016 as and when asked by NHAI.

14. Lr.No.RW/NH-22044/29/ 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-22044/29/ 2015-S &R (R) dated 22-11-2016 Where in, the last paragraph that 'The Highway Administration Rules 2004 will be modified according This circular will come in to effect from the date of notification of the modified "Highway Administrative Rule". So, we hereby give our consent 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.

COMMISSIONER
TIRUNELVELI CORPORATION

Commissioner,

Tirunelveli City Municipal Corporation.



தமிழ்நாடு तमिलनाडु TAMILNADU

EB 659953

17 FEB 2025

Commissioner Tirunelveli municipal corporation

Tirunelveli

P. ஜோசப் P. ராயன்
முத்திரைத்தாள் விற்பனையாளர்
74, மதுரை ரோடு, திருநெல்வேலி-1.
உரிமம் எண்: 3 01 1997

INDEMNITY BOND

Name of the work: Laying of 200mm dia Gravity mains and 150mm pumping main along the road, Gravity Sewer from Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main – Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu.

Indemnity against all damages and claims as per Sl.No. 5.6 of Checklist:

I ,**The Commissioner, Tirunelveli City Municipal Corporation** , or in do here by indemnify Project Director, NHAI, PIU, Tuticorin binding ourselves to pay all the losses and claims in respect of at along the road from Gravity Sewer Km 45+370 to Km 45+570 (RHS), Pumping Main – Km 45+570 to Km 45+990 (RHS), Pumping Main –Km 46+200 to Km 46+450 (RHS), Pumping Main Km 46+450 to Km 46+600 (LHS) and across the road Pumping Main - Km 45+990 and Km 46+600 of Tuticorin to Tirunelveli section of NH-138 in the state of Tamil Nadu in the state of Tamil Nadu.or maintenance thereof and

COMMISSIONER
TIRUNELVELI CORPORATION

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, Failing such payment of claims in the above work we abide in accepting for recovery of such claims affected from any our assets.

COMMISSIONER
TIRUNELVELI CORPORATION

Commissioner,

Tirunelveli City Municipal Corporation

16/31

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பதிவுத்துறை
REGISTRATION DEPARTMENT

For Complaints and Clarifications, please contact: 9498452110 / 9498452120 / 9498452130 (Monday to Friday 10 AM to 5.45 PM, excluding Government holidays)

For queries related to software, please contact: 1800 102 5174 (Monday to Friday 8 AM to 8 PM, Saturday 10 AM to 5 PM excluding Government holidays)

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Guideline Search

Search Criteria :

Zone:	THIRUNELVELI	Sub Registrar Office:	PALAYANKOTTAI JOINT I
Guideline Village:	PALAYAMKOTTAI-I	Revenue Village:	
Revenue District:		Revenue Taluka:	
Street/Survey Number:	KAMATCHI NAGAR		

List All Street

18 items found, displaying 1 to 10.
[First/Prev] 1, 2 [Next/Last]

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	KAMATCHI NAGAR 1ST STREET (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
2	KAMATCHI NAGAR 1TH MAIN ROAD (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
3	KAMATCHI NAGAR 2ND MAIN ROAD (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
4	KAMATCHI NAGAR 2ND STREET (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
5	KAMATCHI NAGAR 3RD MAIN ROAD (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
6	KAMATCHI NAGAR 3RD STREET (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
7	KAMATCHI NAGAR 4TH MAIN ROAD (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
8	KAMATCHI NAGAR 4TH STREET (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
9	KAMATCHI NAGAR 5TH MAIN ROAD (WARD 17)	1012/ Square Feet	10895/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
10	KAMATCHI NAGAR 5TH	1012/ Square Feet	10895/ Square Metre	Residential Class I Type -	01-Jul-2024	-

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
	STREET (WARD 17)			II		

Back

Guideline Search

Search Criteria :

Zone:	THIRUNELVELI	Sub Registrar Office:	PALAYANKOTTAI JOINT I
Guideline Village:	PALAYAMKOTTAI-I	Revenue Village:	
Revenue District:		Revenue Taluka:	
Street/Survey Number:	VETRI THIRU NAGAR		

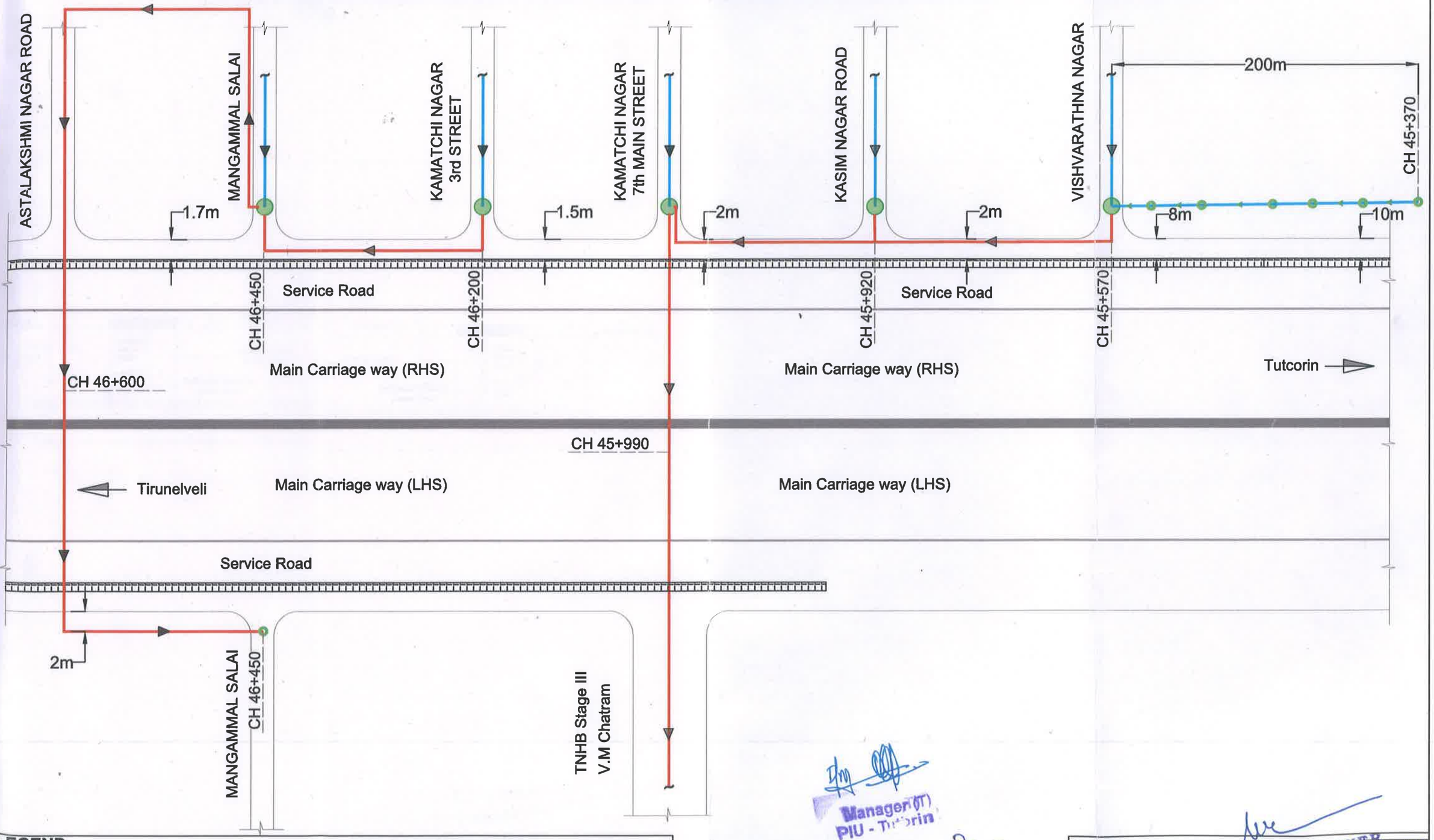
List All Street

One item found.
1

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	VETRI THIRU NAGAR (WARD 17)	758/ Square Feet	8160/ Square Metre	Residential Class I Type - III	01-Jul-2024	-

Back

PERMISSION FOR LAYING PUMPING MAIN ALONG THE ROAD FROM KM 45+570 TO KM 45+990, km 46+200 TO KM 46+450 (RHS), 46+450 TO 46+600(LHS) AND ACROSS THE ROAD AT KM 45+990& 46+450, GRAVITY SEWER LINE FROM KM 45+370 TO KM 45+570(RHS), AT TIRUNELVELI TUTICORIN ROAD NH - 138



LEGEND

- 200Ø DWC GRAVITY PIPE
- 150Ø PUMPING MAIN
- MACHINEHOLE
- MWPS (LIFT MANHOLE)
- RCC DRAIN
- CENTER MEDIAN

Manager (IT)
PIU - Tuticorin

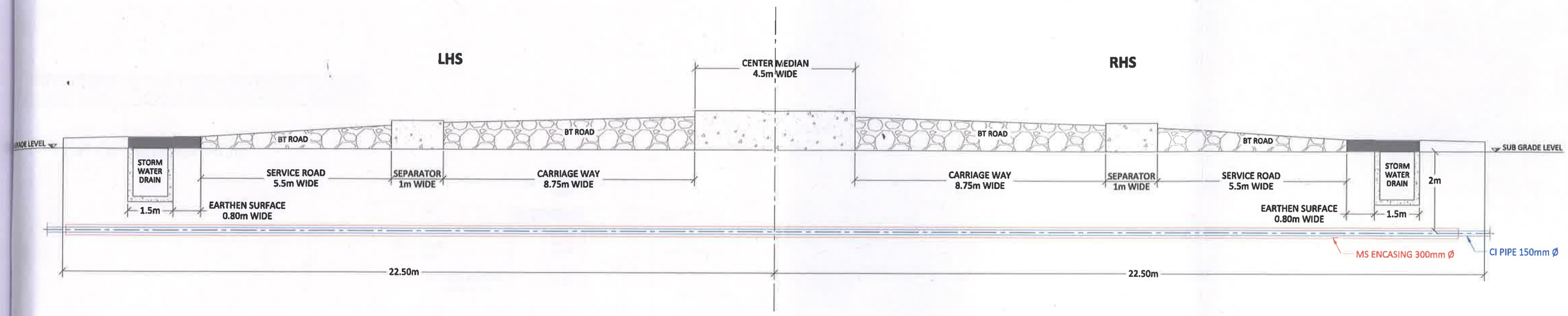
Highway Cum RE
Bloom / CPC / JR
NH - 138

APPLICANT:

for COMMISSIONER
TIRUNELVELI CORPORATION

THE COMMISIONER
TIRUNELVELI CITY MUNICIPAL CORPORATION

PERMISSION FOR LAYING PUMPING MAIN ACROSS THE ROAD AT KM 45+990, KM 46+600 AT TIRUNELVELI TUTCORIN ROAD NH - 138



CROSS SECTION

Manager (T)
PIU - Tuticorin

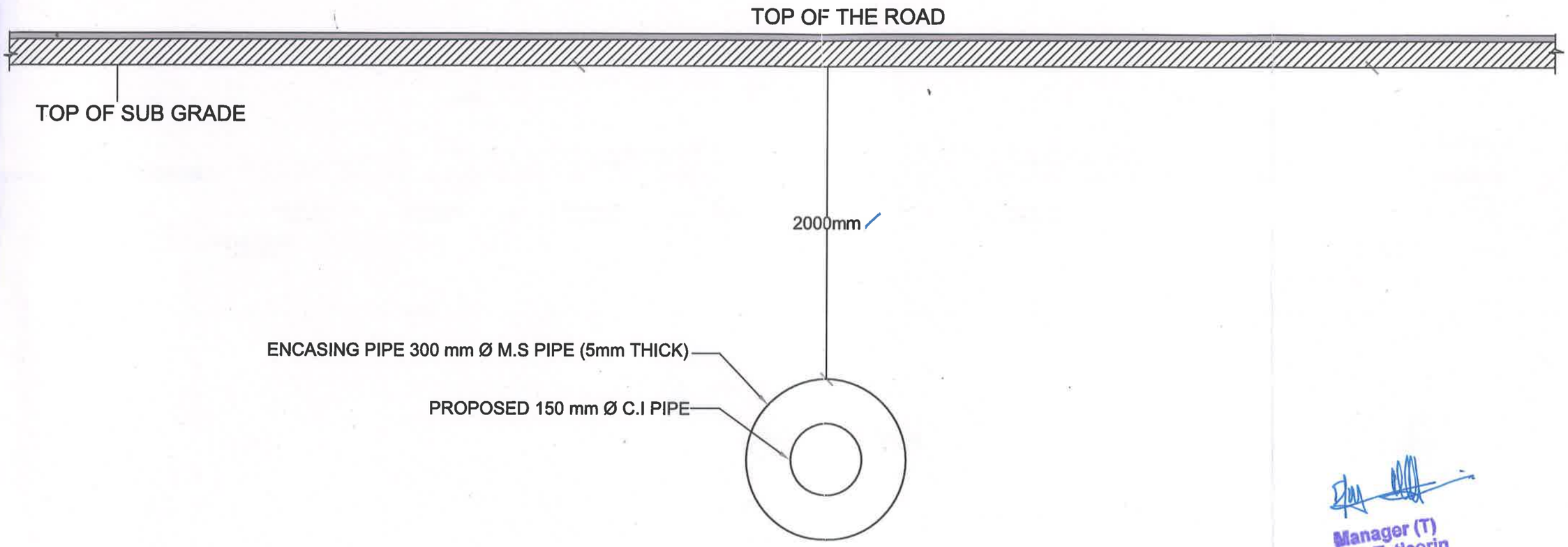
Highway Cum RE
Bloom / CPC / JR
NH - 138

APPLICANT:

COMMISSIONER
TIRUNELVELI CORPORATION

THE COMMISSIONER
TIRUNELVELI CITY MUNICIPAL CORPORATION

PERMISSION FOR LAYING PUMPING MAIN ACROSS THE ROAD AT KM 45+990, KM 46+600 AT TIRUNELVELI TUTCORIN ROAD NH - 138



Manager (T)
PIU - Tuticorin

Highway Cum RE
Bloom / CPC / JR
NH - 138

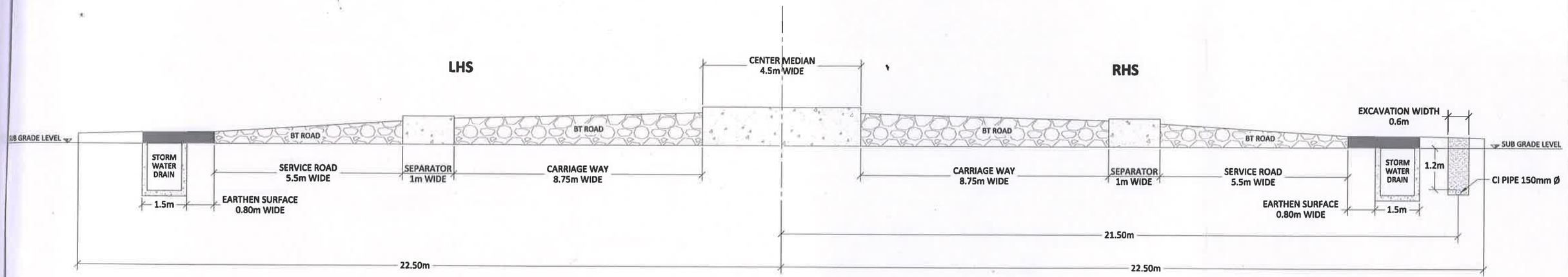
PUMPING MAIN CROSS SECTION @ KM 45+990,KM 46+600

APPLICANT:

COMMISSIONER
TIRUNELVELI CORPORATION

THE COMMISIONER
TIRUNELVELI CITY MUNICIPAL CORPORATION

PERMISSION FOR LAYING PUMPING MAIN ALONG THE ROAD FROM KM 45+570 TO KM 45+990, km 46+200 TO KM 46+450 (RHS), AT TIRUNELVELI TUTICORIN ROAD NH - 138



CROSS SECTION

Manager (T)
PIU - Tuticorin

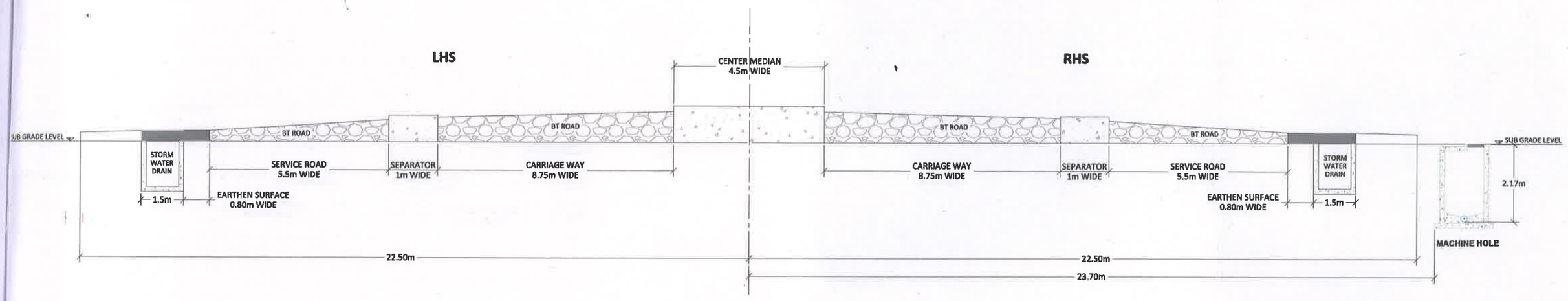
Highway Cum RE
Bloom / CPC / JR
NH - 138

APPLICANT:

COMMISSIONER
TIRUNELVELI CORPORATION

THE COMMISSIONER
TIRUNELVELI CITY MUNICIPAL CORPORATION

PERMISSION FOR LAYING GRAVITY SEWER LINE ALONG THE ROAD FROM KM 45+370 TO KM 45+570 (RHS), AT TIRUNELVELI TUTCORIN ROAD NH - 138



CROSS SECTION

Manager (T)
PIU - Tuticorin

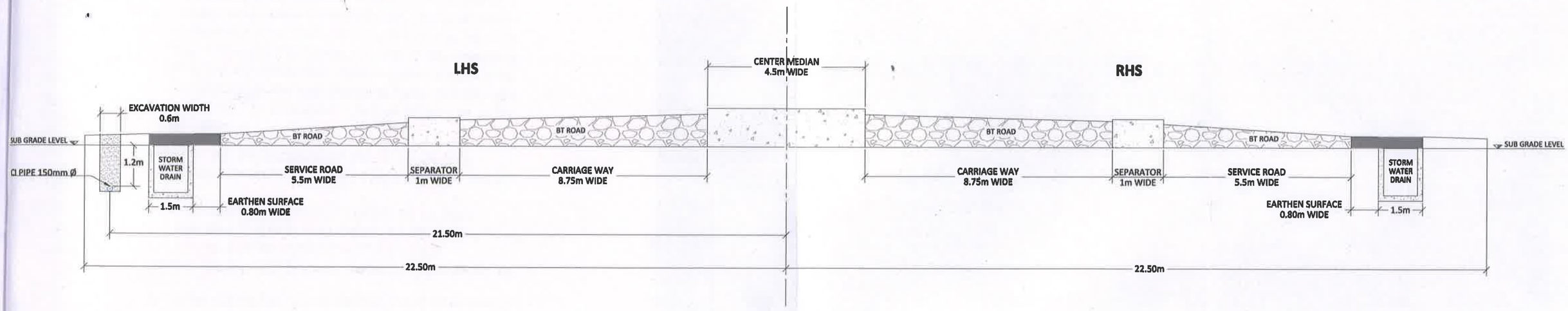
Highway Cum RE
Bloom / CPC / JR
NH - 138

APPLICANT:

COMMISSIONER
TIRUNELVELI CORPORATION

THE COMMISSIONER
TIRUNELVELI CITY MUNICIPAL CORPORATION

PERMISSION FOR LAYING PUMPING MAIN ALONG THE ROAD FROM KM 46+450 TO KM 46+600 (LHS), AT TIRUNELVELI TUTICORIN ROAD NH - 138



CROSS SECTION

Manager (T)
PIU - Tuticorin

Highway Cum RE
Bloom / CPC / JR
NH - 138

APPLICANT:

COMMISSIONER
TIRUNELVELI CORPORATION

THE COMMISSIONER
TIRUNELVELI CITY MUNICIPAL CORPORATION

Site Inspection held on 20-02-2025 at 5:30PM in Tuticorin -Tirunelveli National Highway Road (Near KTC Nagar) w.r.t. issues in laying of sewer line in National Highway Land.

Headed by: Dr. R. Sukumar (I.A.S), District Collector, Tirunelveli.

Proposal: Gravity Sewer line from Km 45+370 to Km 45+570 (RHS), Pumping mainline from Km 45+570 to Km 46+020 (RHS) Pumping main line Km 46+200 to Km 46+450 (RHS), Gravity Sewer @ Km 45+680 to Km 46+000 (LHS) and across the road Pumping main @ Km 45+990 and Km 46+450 on NH-138 (Tuticorin-Tirunelveli).

Officials Present

1. Dr. N.O. Sukhaputra. (I.A.S) Commissioner, Tirunelveli Corporation
2. Shri. Shivam Sharma, The Project Director/NHAI/Tuticorin.
3. Shri. Akhilesh M.K, The Manager (Tech)/NHAI/Tuticorin.
4. Shri. Kannan, The Executive Engineer - Tirunelveli Corporation
5. Tmt. V. Rajalakshmi, The Executive Engineer, TWAD.
6. Shri. S.S.Selvaraj, The Resident Engineer/Consultant/NHAI/Tirunelveli.
7. Shri. Jaiphin Prabhu R, The Assistant Manager (CGD)/IOCL gas pipeline/Tuticorin.
8. Shri. Jeyaseelan, The Assistant Executive Engineer/TNEB/Palayamkottai Zone

1) The proposal for the laying of the sewer line on NHAI land was explained by the Executive Engineer (EE) of the Corporation. It was informed that the proposal for the sewer line from Km 45+680 to Km 46+000 (LHS) had been withdrawn, and it has been decided that the sewage line will be laid on Corporation land, beyond the NHAI Right of Way (ROW)

2) The Project Director, NHAI, stated that the proposal for laying the sewer line on the Right-Hand Side (RHS) appears acceptable and upon receipt of the formal proposal from Commissioner, Tirunelveli Corporation, the same will be promptly submitted to approval of the Competent Authority of NHAI. The work can be commenced upon receipt of approval from Competent Authority of NHAI and deposition of requisite License fee and Bank Guarantee by Tirunelveli Corporation.

3) It was noted that the area proposed for the sewage pipeline contains existing utilities such as pipelines and EB poles, which the Corporation must safeguard and restore, if required during the sewage pipeline laying, in coordination with the concerned agencies.

4) The Project Director, NHAI, further informed the Collector that NHAI had already issued permission for the laying of a gas pipeline by IOCL in the same stretch proposed for the sewer pipeline. The representative from IOCL stated that the laying of the gas pipeline was already underway up to Sarada College Junction and would be completed in KTC Nagar as well. The representative also confirmed that IOCL would install its pipeline at a depth of 2.00 meters below the sub-grade level, using the HDD method if needed, and had no objection to the sewer pipeline being laid above their line. Additionally, if the sewer pipeline was laid before their work was completed, IOCL would install its pipeline below it using the HDD method.

5) The Project Director, NHAI, apprised that, based on the recommendations of the Tirunelveli District Road Safety Committee, a proposal for constructing a Vehicular Underpass (VUP) in KTC Nagar is under preparation. The construction of the VUP may require the shifting of existing utilities, including water pipelines and EB lines, to the extreme edge of the ROW, beyond both the current and proposed roadside drains.

6) The Collector inquired about the methodology for laying the sewer line without disturbing the existing and forthcoming utilities. The Executive Engineer of Tirunelveli Corporation explained that HDD (Horizontal Directional Drilling) would be used wherever required areas in coordination with respective utility owing departments. It was assured that the sewer line will be installed at minimum depth of 1.20 meters below the sub-grade level with a cushion of 300 mm provided above IOCL pipeline. It was also assured by the Corporation that the sewage line would be installed only at the extreme edge of the ROW, inline with the conditions stipulated in approval of NHAI without damaging any assets of NHAI and that encroachment removal and HDD methods, as required would be adopted by the Corporation based on site conditions.

7) The Executive Engineer of TWAD submitted that there shall be no issues with placing the water pipeline above the sewage pipeline of Corporation with a 300 mm cushion. The Executive Engineer of TNEB also agreed that there shall be no issues with placing EB lines above or near the pipelines at the ROW's edge. The Collector instructed all utility-owning agencies to cooperate during the sewer line installation to prevent any damages or complications on-site. Further, all utility-owning agencies were directed to ensure no objections or issues to be raised for the shifting of pipelines and electric lines required for the construction of the underpass by NHAI.

8) The Collector instructed Tirunelveli Corporation to submit the proposal to NHAI on priority and directed NHAI to ensure its prompt approval.

The Executive Engineer,
Tirunelveli Corporation

The Executive Engineer,
TWAD.

The Resident Engineer,
Consultant,
NHAI, Tirunelveli.

The Assistant Manager (CGD)
IOCL gas pipeline,
Tuticorin.

The Assistant Executive
Engineer,TNEB,
Palayamkottai Zone

The Manager(Tech),
NHAI-Tuticorin.

The Project Director,
NHAI-Tuticorin.

The Commissioner,
Tirunelveli Corporation

The District Collector,
Tirunelveli