



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

दूसरा व तीसरी तल, विजय कृष्ण प्लाज़ा, संख्या-1, लेक एरिया, मेलूर मेन रोड, माट्टुतावनी, मदुरै-625 007
2nd & 3rd Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai-625 107
दूरभाष / Tele : +91-452-258 8999 वेब / Website : www.nhai.gov.in ई-मेल / E-mail : romadurai@nhai.org



NHAI/15018/4.6/07/2023/RO Madurai/E:213022/1195

18th July, 2023

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, त्रिची - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS to 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission for laying of water pipe line along the road from km.335/320 to km.335/300 (20m), km.338/300 to km.338/600 (300m), km.338/615 to km.341/550 (2930m) on LHS, km.335/320 to km.337/420 (2100m), km.337/420 to km.338/600 (1180m), km.344/075 to km.345/930 (1855m) on RHS and across at km.335/320 (60m), km.336/000 (60m), km.338/600 (60m), km.338/615 (60m), km.341/260 (60m), km.345/930 (60m) for a total length of 8750m by Open trench method & HDD method-Invitation of Public Comments - Reg.

प्रसंग: PD, Trichy Lr.No-NHAI/PD/TRY/NH 83/T-D/TWAD/2023/1380 dated 10.07.2023 (received on 17.07.2023).

The proposal received from PD, Trichy vide Lr. No- NHAI/PD/TRY/NH 83/T-D/TWAD/2023/1380 dated 10.07.2023 there by requesting permission for laying of water pipe line along the road from km.335/320 to km.335/300 (20m), km.338/300 to km.338/600 (300m), km.338/615 to km.341/550 (2930m) on LHS, km.335/320 to km.337/420 (2100m), km.337/420 to km.338/600 (1180m), km.344/075 to km.345/930 (1855m) on RHS and across at km.335/320 (60m), km.336/000 (60m), km.338/600 (60m), km.338/615 (60m), km.341/260 (60m), km.345/930 (60m) for a total length of 8750m by Open trench method & HDD method in the state of Tamil Nadu as proposed by Executive Engineer, TWAD Board, RWS Division, Trichy.

Accordingly, as per Policy Guidelines issued by Ministry vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application is being uploaded on public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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.

महेन्द्र मीना
18/07/23

महेन्द्र मीना | MAHENDRA MEENA
उप प्रबंधक (तक) | DY. MGR (Tech)

संलग्न: As above

प्रतिलिपि:

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

कार्पोरेट कार्यालय : जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110075. दूरभाष : 011-2507 4100 / 4200 वेबसाइट : www.nhai.gov.in

Corporate Office : G-5 & 6, Sector - 10, Dwarka, New Delhi - 110075. Tel : 011-2507 4100 / 4200 www.nhai.gov.in



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 - तिरुच्ची / Project Implementation Unit - Trichy
नं.6, (पुराना नं.44), पहली मंजिल, III - मेन रोड, पानेनगर, तिरुचिरापल्लि - 620 001
No. 6, (Old No. 44), 1st Floor, III-Main Road, Ponnagar, Tiruchirapalli - 620 001
दूर/Tele: +91-431 2482959 वेब/Web: www.nhai.org ई-मेल/E-mail: tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/NH 83/T-D/TWAD/2023/1380

July 10, 2023

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

Sub: NHAI, PIU, TRICHY - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS to 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission for laying of water pipe line along the road from km.335/320 to km.335/300 (20m), km.338/300 to km.338/600 (300m), km.338/615 to km.341/550 (2930m) on LHS, km.335/320 to km.337/420 (2100m), km.337/420 to km.338/600 (1180m), km.344/075 to km.345/930 (1855m) on RHS and across at km.335/320 (60m), km.336/000 (60m), km.338/600 (60m), km.338/615 (60m), km.341/260 (60m), km.345/930 (60m) for a total length of 8750m by Open trench method & HDD method - In Principle approval requested - Reg

- Ref: 1. Executive Engineer, TWAD Board, RWS Division, Trichy, letter no. F.174CWSS/JDO/RWS/Try/2023 dt.24.03.2023
2. PIU Trichy letter no. 668 dt.10.04.2023
3. Executive Engineer, TWAD Board, RWS Division, Trichy, letter no. 1905/F.174CWSS/JDO/RWS/Try/2023 dt.19.05.2023
4. PIU Trichy letter no. 1048 dt.29.05.2023
5. Team Leader, M/s. MSV International Inc., Trichy letter no. MSVTRICHY/NHAI/IE-TL/2023-24/1506 dt.13.06.2023
6. PIU Trichy letter of even no. 1244 dt.21.06.2023
7. Executive Engineer, TWAD Board, RWS Division, Trichy, letter no. F.174CWSS/JDO/RWS/Try/2023 dt.28.06.2023

Sir,

The Executive Engineer, TWAD Board, RWS Division, Trichy, dt.28.06.2023 vide reference 7th cited, seeking permission for laying of water pipe line for CWSS to 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission along and across the road for the aforesaid subject matter stretch for a total length of 8750m by open trench method & HDD method respectively.

2. Earlier the proposal, communicated to Team Leader, M/s. MSV International Inc., Trichy for inspected the site condition and report. The



Team Leader has furnished report vide letter dt.13.06.2023 with observations that,

- i. The proposal submitted by applicant across the road at km.338/620, but there is an existing slab culvert, it to be changed at km.338/615.
- ii. The proposal submitted by applicant across the road at km.345/870 in mentioned as per site condition it is shifted to km.345/930.

The applicant has now furnished modified drawing for indicating the drawing and checklist also. The drawings were duly signed by Project Director, PIU Trichy and enclosed with the proposal.

3. The diagram showing the proposed work of laying of water pipeline along and across the road for a total length of 8750m as detailed under:

S.No.	Chainage	Length	Side	Dia of pipe
1	km.335/300 to km.335/320	20m	LHS	180mm
2	km.338/300 to km.338/600	300m	LHS	350mm
3	km.338/615 to km.341/550	2935m	LHS	140mm
4	km.335/320 to km.336/000	680m	RHS	180mm
5	km.336/000 to km.337/420	1420m	RHS	90mm
6	km.337/420 to km.338/600	1180m	RHS	200mm
7	km.344/075 to km.345/930	1855m	RHS	75mm
8	km.335/320	60m	crossing	350mm
9	km.336/000	60m	crossing	200mm
10	km.338/600	60m	crossing	900mm
11	km.338/615	60m	crossing	300mm
12	km.341/260	60m	crossing	300mm
13	km.345/930	60m	crossing	250mm
	Total	8750m		

3. In the light of the report of the Team Leader, the proposal has been examined with reference to MoRT&H guidelines dt.22.11.2016. The following are the observations

- i. The works shall be carried out strictly as per the drawing submitted by applicant.
- ii. All the existing utilities are to be verified by applicant before commencement of the work and ensure that no damage is caused to the existing utilities. Damages if any caused it has to be rectified by the applicant at their risk and cost.
- iii. The applicant has to ensure that avenue plantations, rain water harvesting system and boundary stones are not disturbed at the time of execution work. Damages if any caused it shall be got rectified by the applicant at their risk and cost.
- v. Performance BG towards restoration charges for Rs. 1529000/- as per Ministry circular shall be furnished by the applicant and the confirmation of BG shall also be obtained from the respective branch as per NHA guidelines. In case of improper restoration after laying, BG shall be forfeited.



- vi. The applicant shall pay Rs.584350/- towards one time license fee for 5 years through Bharatkosh portal and furnish the receipt.
3. The license fee has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 & 17.04.2023 and based on the highest prevailing guideline rate of the villages involved as detailed below:

License fees for Public utility (pipe line) (Rs. / Sq.m / Month)									
Utilized NH land area X Prevailing circle rate of land per unit / area) / 10*12 / 33%									
S. no	Village	Chainage		Side	Length	Width	Utilized NH land area (sq.m)	Prevailing circle rate of land per unit area (Sq.m) (Rs.)	License fee per month (private utility) (Rs.)
		From	to						
1	Navalur Kuttapattu	335.300	335.320	LHS	20	0.18	3.6	970	29.10
2	PeriyanayakiChatram	338.300	338.600	LHS	300	0.35	105	765	669.38
3	PeriyanayakiChatram	338.615	341.550	LHS	2935	0.14	410.9	765	2619.49
4	Navalur Kuttapattu	335.320	336.000	RHS	680	0.18	122.4	970	989.40
5	Navalur Kuttapattu	336.000	337.420	RHS	1420	0.090	127.8	970	1033.05
6	PeriyanayakiChatram	337.420	338.600	RHS	1180	0.20	236	765	1504.50
7	Inamkulathur	344.075	345.930	RHS	1855	0.075	139.13	1615	1872.39
8	Navalur Kuttapattu	335.320	-	Crossing	60	0.35	21	970	169.75
9	PeriyanayakiChatram	336.000	-	Crossing	60	0.20	12	765	76.50
10	PeriyanayakiChatram	338.600	-	Crossing	60	0.90	54	765	344.25
11	PeriyanayakiChatram	338.620	-	Crossing	60	0.30	18	765	114.75
12	PeriyanayakiChatram	341.260	-	Crossing	60	0.30	18	765	114.75
13	Inamkulathur	345.930	-	Crossing	60	0.25	15	1615	201.88
Total					8750		1283		9739.18

Sub - Total - Rs.9739.18

Fee for 5 years - Rs.5,84,350/-

- b) The amount of performance BG has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 as detailed below:

Total area of land to be utilized - 8750 m

(Route meter) (Along) -

Rate of performance BG - Rs.100/-

Amount (8390*100) -Rs.8,39,000/-

(Dia<300)

Across

Rate of performance BG - Rs.250/-

Amount(360 * 250) (Dia>300)

90,000/-

-Rs.

(Crossing per km.-Rs.1,00,000/-)

Handwritten signature



Crossing at 6 locations
at km.335/320, km.336/000
km.338/600, km.338/615
km.341/260, km.345/930
Total

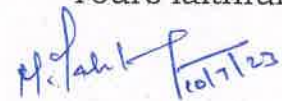
-Rs. 6,00,000/-

-Rs.15,29,000/-

In view of the above, the proposal submitted by the Executive Engineer, TWAD Board, RWS Division, Trichy, dt.28.06.2023 vide reference 7th cited, seeking permission for laying of water pipe line for CWSS to 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission along and across the road aforesaid subject matter stretch for a total length of 8750m by Open trench method & HDD method may be considered and recommended for according in-principle approval.

Encl: Proposal (2 Original + 1 copy)

Yours faithfully

 1/3

(M. Ganesh Kumar)

DGM (T) & Project Director

Copy to:

1. Executive Engineer, TWAD Board, RWS Division, Trichy, for information.
2. Team Leader, M/s. MSV International Inc., Trichy for information.
3. Project Manager, M/s. TDTRPL, for information.

**CERTIFICATE**

Certified that, the proposed laying of water pipe line is confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044 /29/2015/S&R (R) dt.22.11.2016

Certified that, any other location of the water pipe line would be extremely difficult and unreasonable costly and the installation of water pipe line within ROW will not adversely affect the design, stability & traffic safety of the Highway nor the likely future improvement such as widening of the carriageway, easing of curve etc., There is no proposal pending for 6 laning.

(M. Ganesh Kumar)

DGM (T) & Project Director
PIU - Trichy

2/3

**CERTIFICATE**

Certified that, necessary entries have been made in the Register of permissions accorded for laying of water pipe line for CWSS to 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission along the road from km.335/320 to km.335/300 (20m), km.338/300 to km.338/600 (300m), km.338/615 to km.341/550 (2930m) on LHS, km.335/320 to km.337/420 (2100m), km.337/420 to km.338/600 (1180m), km.344/075 to km.345/930 (1855m) on RHS and across at km.335/320 (60m), km.336/000 (60m), km.338/600 (60m), km.338/615 (60m), km.341/260 (60m), km.345/930 (60m) for a total length of 8750m by Open trench method & HDD method in Page no. 40 in S. no. 6

 $\frac{3}{3}$

(M. Ganesh Kumar)
DGM (T) & Project Director
PIU - Trichy

From,

Er. S.NAGA ANAND. M.E,
EXECUTIVE ENGINEER,
RWS Division ,
TWAD Integrated office complex,
No.35, J.K. Nagar,
Trichy - 23
Email :- eetryrws@gmail.com

To

The Project Director
NHAI
Trichy - PIU

To,

The Project Director,
NHAI -PIU,
Trichy.

NHAI, PIU, TRICHY	
DATE	30 JUN 2023
DIARY No	2510
FD	M.Y

Lr.no.2806/F .174 CWSIS/JDO/RWS/Trichy/2023/Dated:28.06.2023

Sir,

Sub: TWAD Board – CWSIS to 174 Habitations in Manikandam and Andhanallur unions of Trichy District under Jal Jeevan Mission for laying of Water Pipe line in NH-83 (Trichy – Dindigul Section) Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to Km 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) by Open trench & HDD method – Proposal Resubmitted – Approval Requested – Reg.

Ref: NHAI/PD/TRY/NH 83/T-D/TWAD/2023/244/dt.21.06.2023

With reference to the above cited I resubmit herewith the proposal for installation of Water Pipe line for CWSIS to 174 Habitations in Manikandam and Andhanallur unions of Trichy District under Jal Jeevan Mission for laying of Water Pipe line in NH-83 (Trichy – Dindigul Section) Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to Km 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) by Open trench & HDD method of NH-83 (Trichy – Dindigul Section).

In this connection it is proposed to install the Water Pipe along and across the road, detailed drawing, and check list, Agreement, Undertaking & Indemnity Bond are enclosed herewith.

I request that necessary permission may please be issued, so as to enable to install the Water Pipe line along and across the road NH – 83 and the restoration charges may be intimated to the above Mentioned address for making payment.



EXECUTIVE ENGINEER,
TWAD Board , RWS Division, Trichy.

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 - तिरुच्ची / Project Implementation Unit - Trichy
नं. 6, (पुराना नं. 44), पहली मंजिल, III - मेन रोड, पानेनगर, तिरुचिरापल्लि - 620 001
No. 6, (Old No. 44), 1st Floor, III-Main Road, Ponnagar, Tiruchirapalli - 620 001
दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/NH 83/T-D/TWAD/2023/1244

June 21, 2023

To

Executive Engineer,
RWS Division, TWAD Integrated Office Complex,
No.35 - JK Nagar, Trichy - 620023
Contact - 8122721013

Sub: NHAI, PIU, TRICHY - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS to 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission for laying of water pipe line along the road from km.335/320 to km.335/300 (20m), km.338/300 to km.338/600 (300m), km.338/620 to km.341/550 (2930m) on LHS, km.335/320 to km.337/420 (2100m), km.337/420 to km.338/600 (1180m), km.344/075 to km.345/870 (1795m) on RHS and across at km.335/320 (60m), km.336/000 (60m), km.338/600 (60m), km.338/620 (60m), km.341/260 (60m), km.345/870 (60m) for a total length of 8685m by Open trench method & HDD method - Certain observations made - Reg

Ref: 1. Executive Engineer, TWAD Board, RWS Division, Trichy, letter no. 1905/F.174CWSS/JDO/RWS/Try/2023 dt.19.05.2023
2. Team Leader, M/s. MSV International Inc., Trichy letter no. MSVTRICHY/NHAI/IE-TL/2023-24/1506 dt.13.06.2023

Sir,

With reference to the proposal dt.19.05.2023, seeking permission of laying water pipeline along and across of NH 45 (New NH 83) under CWSS 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission, the following observations are made by Team Leader vide letter dt.13.06.2023.

i. The chainage mentioned in the proposal for crossing the road at km.338/620 but there is an existing slab culvert, so it is to be changed at km.338/615 and also another crossing of the road at km.345/870, as per site condition it is to be shifted to km.345/930.

Hence the proposal may be furnished with modified drawings duly incorporating details in the license deed, checklist and furnished to this office for taking necessary action.

Encl: Proposal - 4 Nos.

Received
S.D.
TWAD
TA

Yours faithfully,

M. Ganesh Kumar
21/6/23
(M. Ganesh Kumar)

DGM (T) & Project Director

Copy to:

Team Leader, M/s. MSV International Inc., Trichy, for information.
Project Manager, M/s. TDTRPL, for information.

729077/2023/PIU -TRICHY

**MSV INTERNATIONAL INC.**

IN ASSOCIATION WITH

MSV INTERNATIONAL TECH PVT. LTD.

#185, 7th Cross, Cauvery Nagar Extension,
Pirattiyur West, Pirattiyur, Trichy - 620 009.
Tamil Nadu.

Email: msv.dindigulthanjavur@gmail.com

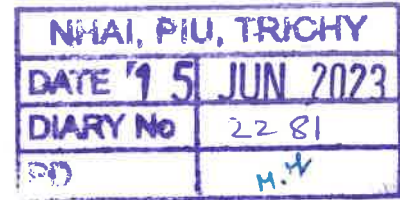
IE Services during O&M for Trichy to Dindigul & Tanjavur to Trichy (New NH 83) in the state of Tamil Nadu on BOT basis under NHDP Phase-III.

MSV/TRICHY/NHAI/IE-TL/2023-24/1506

Date:13.06.2023

To

The Project Director,
Project Implementation Unit (PIU),
New No.6 (Old No.44),
First Floor, 3rd Main Road,Ponnagar
TIRUCHIRAPALLI - 620 001.



Sub: Independent Engineer during Operation & Maintenance Period for the stretches from Km.333/000 (Trichy) to Km.421/273 (Dindigul) section of New NH-83(Old NH-45) in the State of Tamil Nadu on BOT Basis under NHDP Phase-III – TWAD Board –CWSS to 174 habitations in Manikandam and Anthanalur unions of Trich District under Jal Jeevan Mission for laying water pipe line Along the road from Km.335/320 to Km.335/300 (20m), Km.338/300 to Km.338/600(300m), Km.338/620 to Km.341/550 (2930m) on LHS, Km.335/320 to Km.337/420 (2100m), Km.337/420 to Km.388/600(1180), Km.344/075 to Km.345/870(1795m) on RHS and across at Km/335/320(60m), Km.336/000(60m), Km.338/600(60m), Km.338/620(60m), Km.341/260(60m), Km.345/870(60m) for a total length of 8325m by open trench & HDD method – IE's Report– Reg.

Ref: 1. Executive Engineer, TWAD Board, RWS Division, Trichy,

Ltr.No.F.174CWSS/JDO/RWS/Tr/2023, dt.24.03.2023

2. NHAI/PD/TRY/NH83/T-D/TWAD/2023/668 dated:10.04.2023

3. Executive Engineer, TWAD Board, RWS Division, Trichy,

Ltr.No.1905/F.174CWSS/JDO/RWS/Tr/2023, dt.19.05.2023

4. NHAI/PD/TRY/NH83/T-D/TWAD/2023/1048 dated:29.05.2023

Dear Sir,

With reference to the above subject, Project Director, Trichy vide ref.4th cited requested to submit a site inspection report regarding the proposal of laying water pipe line by TWAD Board – RWS Division –Trichy – Jal Jeevan Mission – Laying of water pipe line along the road from Km.335/320 to Km.335/300 (20m), Km.338/300 to Km.338/600(300m), Km.338/620 to Km.341/550 (2930m) on LHS, Km.335/320 to Km.337/420 (2100m), Km.337/420 to Km.388/600(1180), Km.344/075 to Km.345/870(1795m) on RHS and across at Km/335/320(60m), Km.336/000(60m), Km.338/600(60m), Km.338/620(60m), Km.341/260 (60m), Km.345/870(60m) for a total length of 8325m by open trench & HDD method.



IE Services during O&M for Trichy to Dindigul & Tanjavur to Trichy (New NH 83) in the state of Tamil Nadu on BOT basis under NHDP Phase-III.

In view of the above, Independent Engineer along with representatives of Concessionaire and TWAD Board-RWS Division-Trichy CWSS inspected the site on dt.13.06.2023. Accordingly, Independent Engineer has made the following necessary corrections in the proposal:

1. In the proposalsubmitted by TWAD board, Across the road at Km.338/620 but there is an existingslab culvert .so it is to be changed at Km.338/615.
2. In the proposal submitted by TWAD board, Across the road at Km.345/870 is mentioned, however as per site condition it is shifted to Km.345/930.

In view of the above, Independent Engineer herewith recommends the proposal towards Laying of water pipe line along the road from Km.337+150 to Km.338+015 (865m) on RHS and from Km.335/320 to Km.335/300 (20m), Km.338/300 to Km.338/600(300m),Km.338/615 to Km.341/550 (2935m) on LHS, Km.335/320 to Km.337/420 (2100m),Km.337/420 to Km.388/600(1180),Km.344/075 to Km.345/930(1855m) on RHS and across at Km/335/320(60m),Km.336/000(60m),Km.338/600(60m),Km.338/615(60m),Km.341/260 (60m),Km.345/930(60m) .

Hence, Independent Engineer recommends for length of 8390m along the road by open trench method and across the road for length of 360m (6nos of crossings) by HDD method.

This is for your kind information and further necessary action.

Thanking you and assuring you of best of our services at all times.

Yours faithfully,

(K.M. GURUSWAMY)

Team Leader

Encl : Booklet and Site Photos

Cc:1.Project Manager, M/s TDTRPL, for information& necessary action.

2.Executive Engineer, TWAD board, RWS Division, Trichy,for information&necessary action

CHECK - LIST

Guidelines for Project Directors for processing the proposal for Water Pipe Line for CWSIS to 174 Habitations in Manikandam and Andhanallur Unions of Trichy District under Jal Jeevan, in the land along the road and across National Highways vested with NHAI.

- Relevant circulars

- 1) Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016

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

S. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	EXECUTIVE ENGINEER, TWAD Board , RWS Division, Trichy - 23	
1.2	National Highway Number		
1.3	State	NH - 83	
1.4	Location	Tamilnadu	
1.5	(Chainage in km)	Trichy - Dindigul Section Along the Road From Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/620 to Km 341/550 (2930m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/870 (1795m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/620 (60m), Km 341/260 (60m), Km 345/870 (60m).	
1.6	Length in Meters	8,325 meters & 360 meters	
1.7	Width of available ROW	8390	
	(a) Left side from center line towards increasing chainage/ km direction	30.00 meters	
	(b) Right side from center line towards increasing chainage/ km direction	30.00 meters	
1.8	Proposal to lay underground Water pipe line.		
	(a) Left side from center line towards increasing chainage / km direction	30.00 meters	

[Signature]

EX-100/2023/PIU -TRICHY

Trichy- Dindigul NHAI Road (NH-83) Details of Laying of Water Pipeline Along and Across the Road

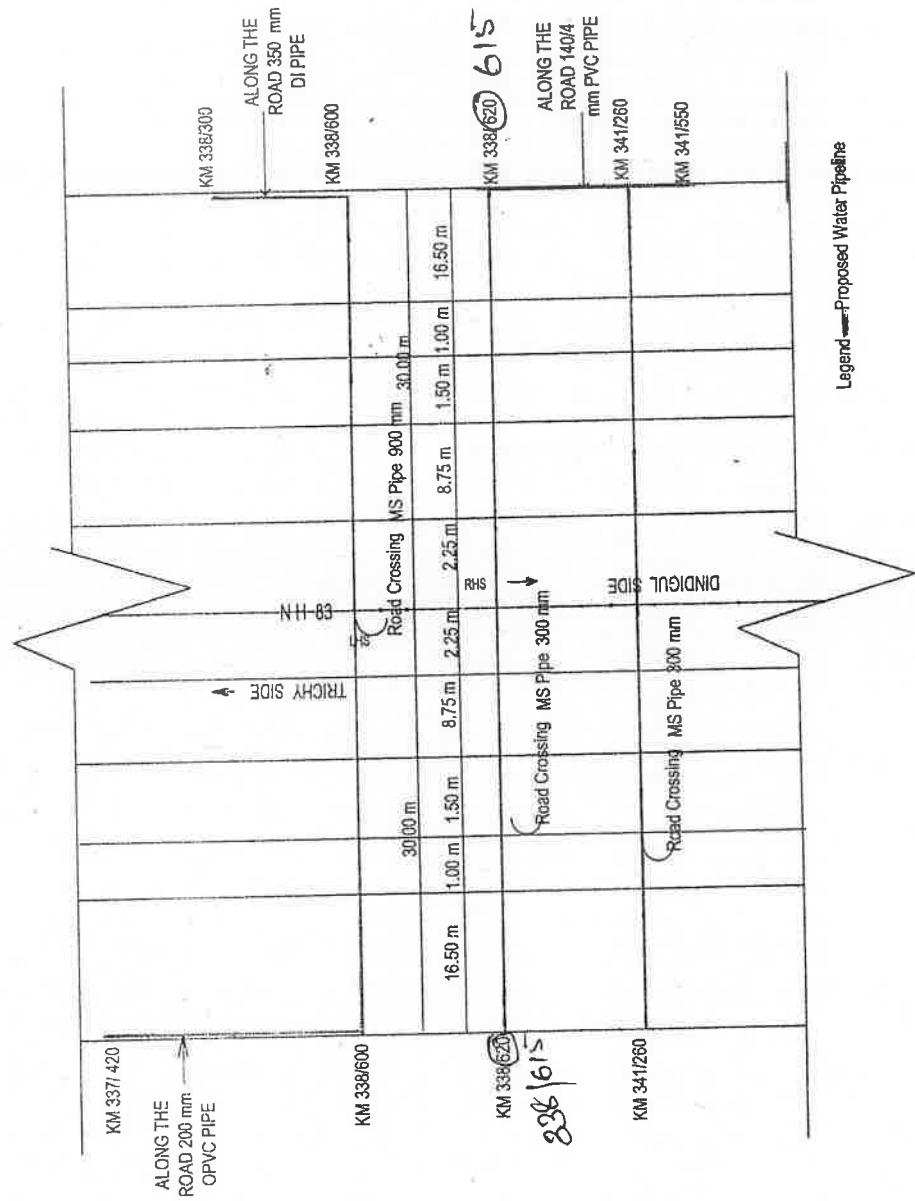
LHS			RHS			Crossing	
From	TO	Length	From	TO	Length	At Km	Length
335/320	335/300	20m	335/320	337/420	2100m	335/320	60m
-	-	-	-	-	-	336/000	60m
338/300	338/600	300m	337/420	338/600	1180m	338/600	60m
338/620 615	341/550	2930m 2935	-	-	-	338/620	60m
-	-	-	-	-	-	341/260	60m
-	-	-	344/075	345/870 930	1795m 1855	345/870	60m
Total Length		3250m 3255	Total Length		5075m 5135	Total Length	360m
LHS + RHS + Crossing Grand Total							8685m

Grand Total: 8390 m

Samir

EXECUTIVE ENGINEER
T.W.A.D. CANAL & S.D. DIVISION
TRICHY

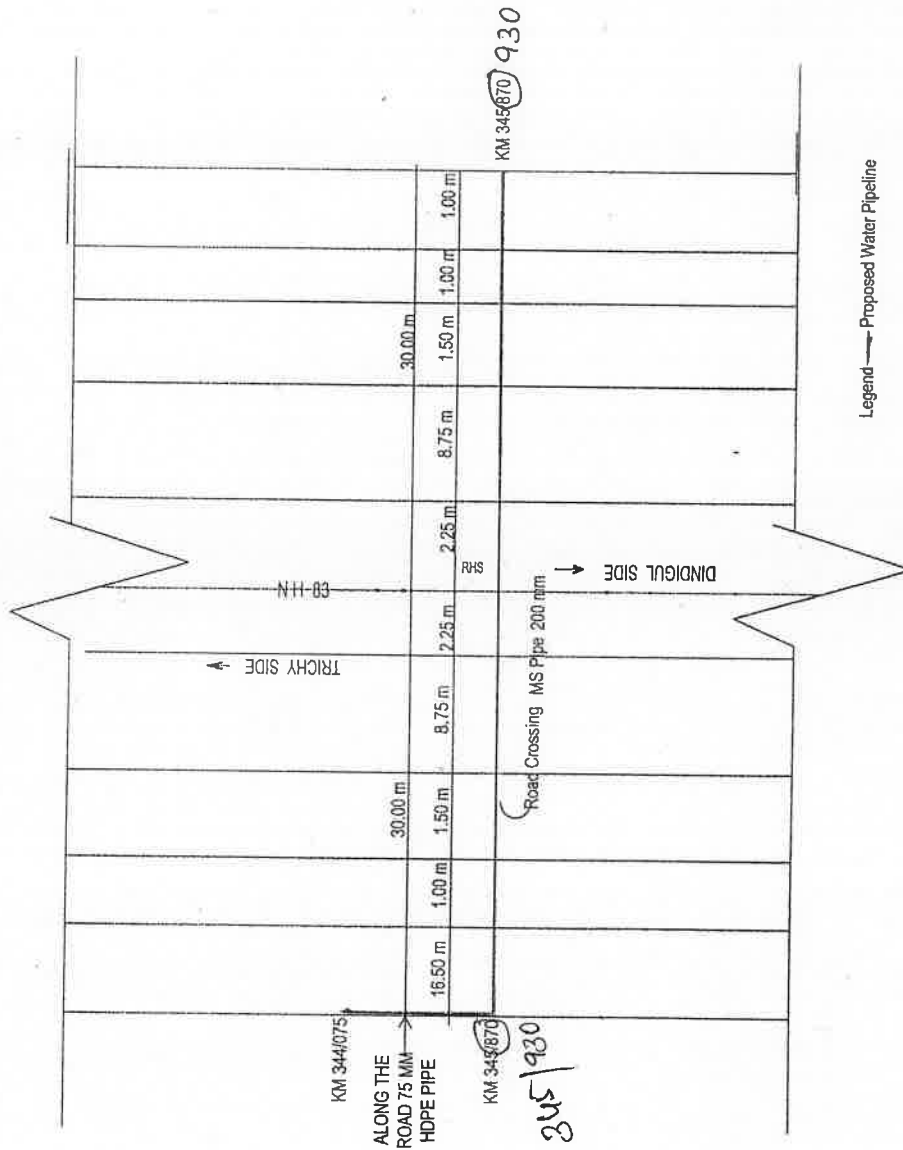
PROJECT - PROPOSED FOR LAYING OF WATER PUMPING MAIN LINE FOR CWSS to 174 HABITATIONS IN MANIKANDAM & ANDHANALLUR UNIONS, TRICHY DISTRICT UNDER JAL JEEVAN MISSION ALONG EXTREME END OF BOUNDARY OF NH 83 FROM 1) Km 337/420 TO Km 338/600 (RHS 1180 m), 2) Km 338/600 TO Km 338/300 (LHS 300m) ROAD CROSSING AT Km 338/600 (CROSSING 60m), 3) Km 338/620 TO Km 341/550 (LHS 2930 m), ROAD CROSSING AT Km 338/620 (CROSSING 60m), ROAD CROSSING AT Km 341/260 (CROSSING 60 m).



Signature

EXECUTIVE ENGINEER

PROJECT :- PROPOSED FOR LAYING OF WATER PUMPING MAIN LINE FOR CWSS to 174 HABITATIONS IN MANIKANDAM & ANDHANALLUR UNION, TRICHY DISTRICT. UNDER JALJEEVAN MISSION ALONG EXTREME END OF BOUNDARY OF NH 83 FROM 1) Km 344/075 TO Km 345/870 (RHS) 1795 M. ROAD CROSSING AT Km 345/870 (CROSSING FOR 60m).



Santhosh

RECEIVED
2023/07/20

Site Photos



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 - तिरुच्ची / Project Implementation Unit - Trichy
नं.6, (पुराना नं.44), पहली मंजिल, III - मेन रोड, पानेनगर, तिरुचिरापल्लि - 620 001
No. 6, (Old No. 44), 1st Floor, III-Main Road, Ponnagar, Tiruchirapalli - 620 001
दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/NH 83/T-D/TWAD/2023/ 1048

May 29, 2023

To

The Team Leader,
M/s. MSV International Inc.,
No.290, Cauvery Nagar Extension,
K. Abhishekapuram, Pirattiyur West,
Trichy -620 009

Sub: NHAI, PIU, TRICHY – Trichy – Dindigul section of NH 45 (New NH 83) – TWAD Board – CWSS to 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission for laying of water pipe line along the road from km.335/320 to km.335/300 (20m), km.338/300 to km.338/600 (300m), km.338/620 to km.341/550 (2930m) on LHS, km.335/320 to km.337/420 (2100m), km.337/420 to km.338/600 (1180m), km.344/075 to km.345/870 (1795m) on RHS and across at km.335/320 (60m), km.336/000 (60m), km.338/600 (60m), km.338/620 (60m), km.341/260 (60m), km.345/870 (60m) for a total length of 8685m by Open trench method & HDD method – Report sought for – Reg

Ref: 1. Executive Engineer, TWAD Board, RWS Division, Trichy, letter no. F.174CWSS/JDO/RWS/Try/2023 dt.24.03.2023
2. PIU Trichy letter no. 668 dt.10.04.2023
3. Executive Engineer, TWAD Board, RWS Division, Trichy, letter no. 1905/F.174CWSS/JDO/RWS/Try/2023 dt.19.05.2023

Sir,

Please find enclosed herewith the copy of proposal of Executive Engineer, TWAD Board, RWS Division, Trichy, requesting laying of water pipe line along and across the road for the aforesaid subject matter stretch under Jal Jeevan Mission in the Trichy – Dindigul section of NH 45 (New NH 83) for joint inspection of site and submission of report keeping in view of the availability of other OFC and subsisting encumbrances if any at site, early to this office and MoRT&H guidelines dt.22.11.2016.

Encl: Proposal – 1 No.

Yours faithfully,

(Signature)
(M. Ganesh Kumar)

DGM (T) & Project Director

Copy to:

Project Manager, M/s. TDTRPL, for information.

Executive Engineer, TWAD Board, RWS Division, Trichy, for information.

729077/2023/PIU -TRICHY

From,

Er. S.NAGA ANAND. M.E,
EXECUTIVE ENGINEER,
RWS Division ,
TWAD Integrated office complex,
No.35, J.K. Nagar,
Trichy - 23
Email :- eetryrws@gmail.com

To

The Project Director
NHAI
Trichy - PIU

To,

The Project Director,
NHAI -PIU,
Trichy.

Lr.no.1905/F .174 CWSIS/JDO/RWS/Trichy/2023/Dated:19.05.2023

Sir,

Sub: TWAD Board – CWSIS to 174 Habitations in Manikandam and Andhanallur unions of Trichy District under Jal Jeevan Mission for laying of Water Pipe line in NH-83 (Trichy – Dindigul Section) Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/620 to Km 341/550 (2930m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/870 (1795m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/620 (60m), Km 341/260 (60m), Km 345/870 (60m) by Open trench & HDD method – proposal resubmitted – approval requested – reg.

Ref: NHAI/PD/TRY/NH 83/T-D/TWAD/2023/663/dt.10.04.2023

With reference to the above cited I resubmit herewith the proposal for installation of Water Pipe line for CWSIS to 174 Habitations in Manikandam and Andhanallur unions of Trichy District under Jal Jeevan Mission for laying of Water Pipe line in NH-83 (Trichy – Dindigul Section) Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/620 to Km 341/550 (2930m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/870 (1795m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/620 (60m), Km 341/260 (60m), Km 345/870 (60m) by Open trench & HDD method of NH-83 (Trichy – Dindigul Section).

In this connection it is proposed to install the Water Pipe along and across the road, detailed drawing, and check list, Agreement, Undertaking & Indemnity Bond are enclosed herewith.

I request that necessary permission may please be issued, so as to enable to install the Water Pipe line along and across the road NH – 83 and the restoration charges may be intimated to the above Mentioned address for making payment.



EXECUTIVE ENGINEER,
TWAD Board , RWS Division, Trichy.

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 - तिरुच्चू / Project Implementation Unit - Trichy
नं.6, (पुराना नं.44), पहली मंजिल, III - मेन रोड, पानेनगर, तिरुचिरापल्लि - 620 001
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दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/NH 83/T-D/TWAD/2023/ 668

April 10, 2023

To

Executive Engineer,
RWS Division,
TWAD Integrated Office Complex,
No.35 - JK Nagar, Trichy - 620023
Contact - 8122721013

Sub: NHAI, PIU, TRICHY - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS to 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission for laying of water pipe line along and across the road from
km.335/300 to km.335/320 (LHS), (20m)
km.335/320 to km.337/410 (RHS) (2090m) across at km.336/000
km.336/000 to km.337/420 (RHS) (1420) across at km.336/000,
km.337/420 to km.338/570 (RHS) (1150m)
km.338/600 to km.339/200 (LHS) (600m) across at km.338/600
km.338/620 to km.341/550 (LHS) (2930m) across at km.338/620
km.334/075 to km.345/870 (RHS) (1795m) across at km.345/870 for a total length of 10305m by open trench & HDD method - Certain observations made - Reg

Ref: Executive Engineer, TWAD Board, RWS Division, Trichy, letter no. F.174CWSS/JDO/RWS/Try/2023 dt.24.03.2023

Sir,

With reference to the proposal dt.24.03.2023, seeking permission of laying water pipeline along and across of NH 45 (New NH 83) under CWSS 174 habitations in Manikandam and Anthanallur unions of Trichy District under Jal Jeevan Mission, the following observations are made:

i. The chainage mentioned in the proposal from km.334/075 to km.345/870 is not matching with the drawings, agreement, undertaking. Indemnity bond.

ii. Further the converging and diverging portions from km.335/320 to km.335/470 on RHS and km.335/300 to km.335/320 on LHS, km.338/570 to km.337/420 on RHS and km.338/600 to km.341/550 (LHS) are more than two length has not been properly mentioned in the drawing and this length of laying has not been taken into account.

[Handwritten signature]



iii. The proposed pipeline from km.337/410 to km.335/320 on RHS, & km.338/600 to km.341/550 on LHS, the laying of more than one pipe line along the road has not been properly mentioned with existing structure details.

Hence the proposal may be furnished with modified drawings with checklist, agreement and indemnity bond duly incorporating the correct length of pipeline to be laid and furnished to this office for necessary action.

Encl: Proposal – 4 Nos.

Yours faithfully,


(M. Ganesh Kumar)

DGM (T) & Project Director

Copy to:

Team Leader, M/s. MSV International Inc., Trichy, for information.

Project Manager, M/s. TDTRPL, for information.

From,

Er. S.NAGA ANAND. M.E,
EXECUTIVE ENGINEER,
RWS Division ,
TWAD Integrated office complex,
No.35, J.K. Nagar,

Trichy - 23

Email :- eetryrws@gmail.com

To

The Project Director
NHAI
Trichy - PIU



To,

The Project Director,
NHAI -PIU,
Trichy.

Lr no./F .174CWSS/ JDO/RWS /Try/2023/Dated:24.03.2023

Sir,

Sub: TWAD Board – CWSS to 174 Habitations in Manikandam and Andhanallur unions of Trichy District under Jal Jeevan Mission for laying of Water Pipe line in NH-83 (Trichy – Dindugal Section) Along and Across the road from (1)Km 335/300 TO Km 335/320 (LHS) 20 M Km.335/320 TO 337/410 (RHS) 2090 M, Road Crossing at Km.335/320 For 60 M. (2).Km.336/000 TO Km.337/420 (RHS) 1420 M, Road Crossing at Km.336/000 For 60 M (3).Km.337/420 TO Km.338/570 (RHS) 1150 M (4).Km.338/600 TO 339/200 (LHS) 600 M Road Crossing at Km.338/600 For 60 M (5).Km.338/620 To Km 341/550 (LHS) 2930 M Road Crossing at Km.338/620 For 60 M (6).Km.334/075 To Km. 345/870 (RHS) 1795 M Road Crossing at Km.345/870 For 60 M by Open trench & HDD method – proposal submitted – approval requested – reg.

I submit herewith the proposal for installation of Water Pipe line for CWSS to 174 Habitations in Manikandam and Andhanallur unions of Trichy District under Jal Jeevan Mission for laying of Water Pipe line in NH-83 (Trichy – Dindugal Section) (1).Km.335/300 TO Km.335/320 (LHS) 20 M Km.335/320 TO 337/410 (RHS) 2090 M, Road Crossing at Km.335/320 For 60 M. (2).Km.336/000 TO Km.337/420 (RHS) 1420 M, Road Crossing at Km.336/000 For 60 M (3).Km.337/420 TO Km.338/570 (RHS) 1150 M (4).Km.338/600 TO 339/200 (LHS) 600 M Road Crossing at Km.338/600 For 60 M (5).Km.338/620 To Km.341/550 (LHS) 2930 M Road Crossing at Km.338/620 For 60 M (6).Km.334/075 To Km. 345/870 (RHS) 1795 M Road Crossing at Km.345/870 For 60 M by Open trench & HDD method of NH-83 (Trichy – Dindugal Section).

In this connection it is proposed to install the Water Pipe along and across the road, detailed drawing, and check list, Agreement, Undertaking & Indemnity Bond are enclosed herewith.

I request that necessary permission may please be issued, so as to enable to install the Water Pipe line along and across the road NH – 83 and the restoration charges may be intimated to the above Mentioned address for making payment.

EXECUTIVE ENGINEER,

729077/2023/PIU -TRICHY

Application Details [20230326/1/7/18655/2401]

Highway	NH83 [NH83]
Name of Highway Authority	
Highway Administration Address	
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	TWAD BOARD, RWS DIVISION, TRICHY Address: TWAD, Integrated office complex No.35, J.K. Nagar Trichy-23 , TIRUCHIRAPPALLI (TAMIL NADU), PIN: 620023 Phn: 8122121013 Email: eetryrws@gmail.com
Application Category	Public Utility
Utility	Water
State	TAMIL NADU
Type	New
Remarks	JJM - CWSS to 174 Habitations In Trichy District
Submitted On	26 Mar 2023 16:06:49

Details		
1. Length in Meters *		60m
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		30m
II. Right side from center line towards increasing chainage OR km direction *		30m
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		25m
II. Right side from center line towards increasing chainage OR km direction *		25m
4. Proposal to acquire the land		
I. Left side from center line *		25m
II. Right side from center line *		25m
5. Whether proposal is in the same side where land is not to be acquired *		Yes
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 *	No
10 Proposed Service road	
Left side from center line	25m
Right side from center line	25m
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *	N/A
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *	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
I. Whether the existing drainage structures are allowed to carry utility pipeline. *	NA
II. Is it on a line normal to NH? *	Yes

<p>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. *</p>	5.00
<p>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. *</p>	NA
<p>V. Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path *</p>	NA
<p>VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *</p>	NA
<p>VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016</p>	YES

<p>.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. *</p>		<p>YES</p>
<p>14. Whether the proposal satisfies the following:</p>		
<p>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. *</p>		<p>NA</p>
<p>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. *</p>		<p>YES</p>

<p>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. *</p>		YES
<p>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. *</p>		YES
<p>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. *</p>		YES
<p>15. Document/Drawings enclosed with the proposal *</p>		Yes
<p>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) *</p>		YES

<p>II. Cross section showing the size of pit and location of cable for HDD method *</p>		YES
<p>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. *</p>		YES
<p>IV. Methodology of laying of the Utility Pipeline/OFC *</p>		YES
<p>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 *</p> <p>(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *</p>		HDD
<p>(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 yield firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *</p>		PARTY
		YES

729077/2023/PIU -TRICHY

<p>(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 *</p>		YES
<p>(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. *</p>		YES
<p>(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. *</p>		YES
<p>(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *</p>		YES
<p>(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *</p>		YES
<p>VI. Horizontal Directional Drilling (HDD) Method *</p>		YES

729077/2023/PIU -TRICHY

. 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

I/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 as will be stipulated by NHAI for future six laning or/any other development

19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *

EXECUTIVE ENGINEER,TWAD,RWS
DIVISION,TRICHY

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	TIRUCHIRAPPALLI	NH83 [NH83] (0-351.1) From Km: 335.3 To Km: 337.41	Chainage Point: 335.3 Lat: 10.45 Lng: 78.35	Chainage Point: 337.41 Lat: 10.42 Lng: 78.38	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	621216.75	

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Select Criteria :

☒ Category Wise ☐
Survey Number Wise

Zone:*

Sub Registrar Office:*

Trichy



Trichy Joint 1



Registration Village:*

Land Category*

75NO. KUTTAPPATTU

Residential Class I Type - I

Search

Reset

Search Criteria :

Zone:	TRICHY	Sub Registrar	TRICHY JOINT
Guideline	75NO.	Office:	1
Village:	KUTTAPPATTU	Revenue	KOTTAPATU
Revenue	THIRUCHIRAPPALLI	Village:	
District:		Revenue	SRIRANGAM
		Taluka:	

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110 items found, displaying 1 to 10.

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Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	16/1	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
2	16/10	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
3	16/11A	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
4	16/11B	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
5	16/11C	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
6	16/11D	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
7	16/11E	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
8	16/12	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
9	16/13	90/ Square Feet	970/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-



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Number

Select Criteria :

☒ Category Wise ☐
Survey Number Wise

Zone:*

Sub Registrar Office:*

Trichy



Trichy Joint 1



Registration Village:*

Land Category*

PERIYANAYAGICHATRAM

Residential Class I Type - I

Search

Reset

Search Criteria :

Zone:	TRICHY	Sub	TRICHY JOINT 1
Guideline Village:	PERIYANAYAGICHATRAM	Registrar Office:	
Revenue District:	THIRUCHIRAPPALLI	Revenue Village:	PERIYANAKISAMUTHIRAM
		Revenue	SRIRANGAM

Taluka:

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7 items found, displaying all items.

1

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u>10/5</u>	71/ Square Feet	765/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
2	<u>35/12</u>	71/ Square Feet	765/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
3	<u>35/13</u>	71/ Square Feet	765/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
4	<u>35/14</u>	71/ Square Feet	765/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
5	<u>35/17</u>	71/ Square Feet	765/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
6	<u>35/28</u>	71/ Square Feet	765/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
7	<u>35/3</u>	71/ Square Feet	765/ Square Metre	Residential Class I Type - I	01-Apr-2023	-



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Number

Select Criteria :

☒ Category Wise ☐
Survey Number Wise

Zone:*

Trichy

Sub Registrar Office:*

Trichy Joint 1

Registration Village:*

AMMAPET

Land Category*

Residential Class I Type - I

Search

Reset


Search Criteria :

Zone:	TRICHY	Sub Registrar	TRICHY JOINT
Guideline	AMMAPET	Office:	1
Village:		Revenue	AMMAPETTAI
Revenue	THIRUCHIRAPPALLI	Village:	
District:		Revenue	SRIRANGAM
		Taluka:	

Below Search results are as on 17-Jun-2023 12:15 PM

149 items found, displaying 1 to 10.

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Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	11/1	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
2	11/10	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
3	11/11	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
4	11/2	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
5	11/3	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
6	11/4	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
7	11/5	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
8	11/6	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	- 
9	11/7	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-



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☒ Category Wise ☐
Survey Number Wise

Zone:*

Sub Registrar Office:*

Trichy



Trichy Joint 1



Registration Village:*

INAMKULATHUR

Land Category*

Residential Class I Type - I

Search

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Search Criteria :

Zone:	TRICHY	Sub Registrar	TRICHY JOINT
Guideline	INAMKULATHUR	Office:	1
Village:		Revenue	KOLATHUR
Revenue	THIRUCHIRAPPALLI	Village:	
District:		Revenue	SRIRANGAM
		Taluka:	

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923 items found, displaying 1 to 10.

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Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	124/1A	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
2	130/7	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
3	160/2B1A	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
4	160/2B1B	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
5	160/5A	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
6	160/5B	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
7	161	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	-
8	161/10	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	01-Apr- 2023	- 
9	161/100	150/ Square Feet	1615/ Square Metre	Residential Class I Type - I	25-Apr- 2023	-

729077/2023/PIU -TRICHY

From,

Er. S.NAGA ANAND. M.E,
EXECUTIVE ENGINEER,
RWS Division ,
TWAD Integrated office complex,
No.35, J.K. Nagar,
Trichy - 23
Email :- eetryrws@gmail.com

To

The Project Director
NHAI
Trichy - PIU

To,

The Project Director,
NHAI -PIU,
Trichy.

Lr.no.2806/F .174 CWSIS/JDO/RWS/Try/2023/Dated:28.06.2023

Sir,

Sub: TWAD Board – CWSIS to 174 Habitations in Manikandam and Andhanallur unions of Trichy District under Jal Jeevan Mission for laying of Water Pipe line in NH-83 (Trichy – Dindigul Section) Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) by Open trench & HDD method – Proposal Resubmitted – Approval Requested – Reg.

Ref: NHAI/PD/TRY/NH 83/T-D/TWAD/2023/244/dt.21.06.2023

With reference to the above cited I resubmit herewith the proposal for installation of Water Pipe line for CWSIS to 174 Habitations in Manikandam and Andhanallur unions of Trichy District under Jal Jeevan Mission for laying of Water Pipe line in NH-83 (Trichy – Dindigul Section) Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to Km 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) by Open trench & HDD method of NH-83 (Trichy – Dindigul Section).

In this connection it is proposed to install the Water Pipe along and across the road, detailed drawing, and check list, Agreement, Undertaking & Indemnity Bond are enclosed herewith.

I request that necessary permission may please be issued, so as to enable to install the Water Pipe line along and across the road NH – 83 and the restoration charges may be intimated to the above Mentioned address for making payment.



EXECUTIVE ENGINEER,
TWAD Board , RWS Division, Trichy.

WATER PIPE LINE **ROUTE DIAGRAM**

SECTION

**TWAD Board - CWSIS to 174 Habitations in
Manikandam and Andhanallur unions of Trichy
District under Jal Jeevan Mission for laying of
Water Pipe line in NH-83 (Trichy – Dindigul Section)
Along and Across the LHS Km 335/320 to Km
335/300 (20m), Km 338/300 to Km 338/600 (300 m),
Km 338/615 to Km 341/550 (2935m), RHS Km
335/320 to Km 337/420 (2100m), Km 337/420 to Km
338/600 (1180 m), Km 344/075 to 345/930 (1855m)
and Crossing at Km 335/320 (60m), Km 336/000
(60m), Km 338/600 (60m), Km 338/615 (60m), Km
341/260 (60m), Km 345/930 (60m) of NH- 83.**

Along - Total Length – 8390 Meters.

Across – Total length -360 Meters

APPLICANT:

**EXECUTIVE ENGINEER,
TWAD Board , RWS Division,
Trichy - 23**

The Project Director

**National Highway Authority Of India
Trichy.**

CHECK - LIST

Guidelines for Project Directors for processing the proposal for Water Pipe Line for CWSIS to 174 Habitations in Manikandam and Andhanallur Unions of Trichy District under Jal Jeevan, in the land along the road and across National Highways vested with NHAI.

- **Relevant circulars**

- 1) Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016

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

S. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	EXECUTIVE ENGINEER, TWAD Board , RWS Division, Trichy - 23	
1.2	National Highway Number	NH - 83	
1.3	State	Tamilnadu	
1.4	Location	Trichy – Dindigul Section	
1.5	(Chainage in km)	Along the Road From Along and Across the road <u>LHS</u> Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), <u>RHS</u> Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and <u>Crossing</u> at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m).	
1.6	Length in Meters	8,390 meters & 360 meters	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	30.00 meters	
	(b) Right side from center line towards increasing chainage/ km direction	30.00 meters	
1.8	Proposal to lay underground Water pipe line.		
	(a) Left side from center line towards increasing chainage / km direction	30.00 meters	


EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY

	(b) Right side from center line towards increasing chainage/ km direction	30.00 meters	
1.9	Proposal to acquire land	NA	
	(a) Left side from center line (b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired	The water pipe shall be laid at the extreme end of ROW	
	If not then where to lay the Pipe		
1.11	Details of already laid services, if any, along the proposed route	Nil	
1.12	Number of lanes (2/4 /6/8 lanes) existing	4 lane with Paved Shoulder	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)	4 lane with Paved Shoulder	
1.14	Service road existing or not	No	
	If yes then which side		
	(a) Left side from center line	Shown in the diagram	
	(b) Right side from center line	-	
1.15	Proposed Service road	-	
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.16	Whether proposal to lay Water Pipe line is after the service road or between the service road and main carriageway	Extreme Edge of ROW	
1.17	<p>The permission for laying of Water Pipe line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.</p> <p>(a) Carrying of sewage/gas pipelines on highway bridges shall not be permitted as Fumes /gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.</p> <p>(b) Carrying of water pipe lines on bridges shall also 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 space around the superstructure of the bridge remains available for inspection and repairs, etc</p> <p>(c) Cost of required extension of the substructure as well as that of the Supporting superstructure shall be borne by the agency-in-charge of the utilities. of the Ministry's Project Chief Engineers only.</p>	<p>Considered for approval based on the Ministries circular</p> <p>Yes</p>	


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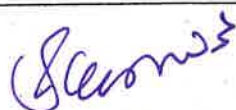
	(d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, Safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.		
1,18	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	Yes	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Yes	
	(b) Is it on a line normal to NH	Yes	
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures	Yes	
	(d) The casing pipe (or conduit pipe in the case of pipe line) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	Yes	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain incuts and toe of slope toe of slope in the fills.	Yes	
	(g) 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.	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 waterway along it.	Yes	


EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY

2	Document / Drawings enclosed with the Proposal	Yes	
2.1	Cross section showing the size of trench		
	<p>for open trenching method (Is it normal size of 1.2m deep X 0.3m wide)</p> <p>(i) Should not be greater than 60 Cm wider than the outer diameter of the pipe</p> <p>(ii) 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</p> <p>(iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges</p> <p>(iv) 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.</p>	<p>Yes</p> <p>Yes</p>	
2.2	Cross section showing the size of pit and location of pipe for HDD method	Yes	
2.3	Strip plan/ Route Plan showing Water Supply pipe line, Chainage, width of ROW, distance of proposed, pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes, Shown in the diagram	
2.4	Methodology for laying of showing Water Supply pipe line.	Yes (Open Trench Method & HDD Method)	
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	Back fill the excavated soil with compaction @ every 300mm	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Yes	


EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY

	(c) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Yes	
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	Yes	
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.		
	(f) The excavation shall be protected by flagman, signs and barricades, and redlights during night hours.	Yes	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Laying of Water Pipe Line through CD works and method of laying	No.	
3	Draft License Agreement signed by two witnesses	Yes, enclosed with proposal	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs100/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.	Would be obtained after approval of the proposal	
4.1	Performance BG as per above is to be obtained.	Applicable at a later date	



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4.2	Confirmation of BG has been obtained as per NHAI guidelines	BG should be submitted as per NHAI GUIDELINES	
5	Affidavit / Undertaking from the Applicant for	Yes	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, enclosed with proposal	
5.2	Renewal of Bank Guarantee	Yes, will be obtained after submission of BG.	
5.3	Confirming all standard condition of NHAI's guideline	Yes, enclosed with proposal	
5.4	Shifting of Water pipe line as and when required by NHAI at their own cost	Yes, enclosed with proposal	
5.5	Shifting due to 6 lanning with paved shoulder / widening of NH	Yes, enclosed with proposal	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed with proposal	
5.7	Traffic movement during laying of Water pipe line to be managed by the applicant	Yes, enclosed with proposal	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes, enclosed with proposal	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing Water pipe line located in the National highway right-of-ways.	Yes, enclosed with proposal	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water pipe line will be borne by the agency owning the line.	Yes, enclosed with proposal	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, enclosed with proposal	



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5.12	<p>Certificate from the applicant in the following format.</p> <p>(i) <i>Laying of Water pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</i></p> <p>(ii) for 6 –laning with paved shoulder <i>“We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI” for future six-laning or any other development.”</i></p>	Yes, enclosed with proposal	
6.	Who will sign the agreement on behalf of Water pipe line agency	EXECUTIVE ENGINEER, TWAD Board , RWS Division, Trichy - 23	
7	Certificate from the Project Director		
7.1	<p>Certificate for confirming of all standard condition issued vide Ministry Circular No. Ministry Circular No. NH-41 (58)/68 dated 31.1.1969, Ministry Circular No. NH- III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH- 11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH- 34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated</p>	Yes	
7.2	<p>Certificate from PD in the following format</p> <p>(i) <i>“It is certified that any other location of the Water pipe line would be extremely difficult and unreasonable costly and the installation of Water pipe line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc”.</i></p> <p>(ii) for 6 –laning</p> <p>(a) Where feasibility is available <i>“I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location”.</i></p> <p>(b) In case feasibility report is not available <i>“I do certify that sufficient ROW is available at site for accommodating proposed six-laning”.</i></p>	<p>Yes</p> <p>Yes</p> <p>NA.</p>	



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8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [Trichy – Dindigul Section] Along and Across the road <u>LHS</u> Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), <u>RHS</u> Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and <u>Crossing</u> at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) of NH-83. on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	NA	
9	Who will supervise the work of laying of Water pipe line	Consultants and relevant field Officers of NHAI.	
10	Who will ensure that the defects in road portion after laying of Water pipe line are corrected and if not corrected then what action will be taken.	EE/TWAD/RWS/Trichy	
		the nature and seriousness of damages.	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	EE/TWAD/RWS/Trichy	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).	Yes, Enclosed	
13	If any previous approval is accorded for laying of underground Water pipe line then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	Yes, Enclosed	


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TRICHY

Project Director
 NHAI
 TRICHY. - PI

Annexure-I

Conditions to be enclosed/incorporated in the approval letter for permission for laying of Water pipe line for CWSIS 174 Habitations in Manikandam And Andhanallur unions, Trichy District under Jal Jeevan Mission

1. The Water pipe line shall be located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway.
2. The Water pipe line shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NHAI/Government of India.
3. The Water pipe line shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.
5. The authority/ owner of the underground utility shall ensure that laying Water pipe line should not have any deleterious effects on any of the bridge components and roadway safety for traffic.
6. The lines shall cross the National Highways preferably on a line normal to it or as nearly so as practicable.
7. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.
8. The Water pipe line is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.
9. The casing pipe (or conduit pipe in the case of electric cable) carrying the Water pipe line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.
10. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.
11. The top pf the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.
12. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall only be permitted where the existing road pavement is of cement concrete or dense bituminous concrete type.
13. The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.
14. Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)
 - (a) The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.

- (b) Filling of the trench shall conform to the specifications contained herein below.
 - (c) Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.
 - (d) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.
 - (e) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
 - (f) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
 - (g) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.
15. If needed, a diversion shall be constructed at the expense of agency owning the Water pipe line.
 16. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Water pipe line located in the National highway right-of-ways.
 17. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water pipe line will be borne by the agency owning the Water pipe line.
 18. If the NHAI considers it necessary in future to move the Water pipe line for any work of improvement of repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the Water pipe line within a reasonable time (not exceeding 60 days) of the intimation given.
 19. The licensee shall ensure making good the excavated trench for laying Water pipe line by proper filling and compaction, so as to restore the land in to the same conditions as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
 20. The licensee shall furnish a Bank Guarantee to the NHAI @ Rs100/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.
 21. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee, the licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of the licensee failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good the damages caused by excavation; at the cost of the licensee and recover the amount by invoking the bank guarantee furnished by the licensee.
 22. The licensee shall shift the Water pipe line within 60 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the Water pipe line, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.

23. Regarding the location of other cables, underground installation/utilities etc, the licensee shall be responsible to ascertain from the respective agency in coordination with NHAI. The licensee shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.
24. The licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the licensee. The concerned agency in 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.

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.



தமிழ்நாடு தமிழ்நாடு TAMILNADU

DA 332574

23.06.2023

Executive Engineer,
T.W.A.D. RWS Division,
Trichy

S. அருண்முகம் MBA

மு.தா.வி. K.சாத்தனார்

உரிமம் எண்: 24/2021/TRY

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

Agreement to laying of Water Pipe Line for CWSIS 174 Habitations Manikandam and Andhanallur unions, Trichy District Under Jal Jeevan Mission Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) For a total length of 8.39 Kms & 0.36 Kms of Trichy - Dindigul Section (NH - 83) in the state of Tamil Nadu, National Highways, Trichy.

This Agreement made this _____ day of _____ (month) _____ of (year) between _____ acting in his executive capacity through Regional Officer, National Authority of India 2nd, 3rd Floor, Vijay Krishna Plaza, Mattuthavani, Madurai "which expression shall unless excluded by or repugnant to the context include his successors in office and assigns) on the one part, an The Executive Engineer, Tamilnadu Water Supply And Drainage Board, RWS Division, Trichy - 23, Tamilnadu State, (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors / administrator assignees on the second part.

(Signature)
EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) For a total length of 8.39 Kms & 0.36 Kms of Trichy – Dindigul Section (NH - 83) in the state of Tamil Nadu, National Highways, Trichy.

Whereas the Licensee Proposes to lay Telecom cable / OFC cable / electrical cable Line / Pipe line / ducts etc., referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services Along and Across the road from LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) For a total length of 8.39 Kms & 0.36 Kms of Trichy – Dindigul Section (NH - 83) in the state of Tamil Nadu, National Highways, Trichy.

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

Now this agreement witnesseth that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permissions to lay utility services as per the approved drawing attached hereto subject to the following conditions, 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 provisions / scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the Row and any subsequent user will be permitted to use the Row, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled, Decision of the Authority in relation to fulfilment of technical requirements shall be final and Binding on all concerned parties. In case any disruption / damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.



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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 operation and all other activities essential or required for efficient functioning of their own utility industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs./sq m/month to the Authority. The Licensee fee shall become payable from the date of handing over of Row land to the Licensee, for laying of utilities/electrical cables lines/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. shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m a wide utility corridor on either side of the extreme edge of Row. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The 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 road side furniture etc: the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/ parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the authority shall be payable by the Licensee.
9. In exceptional cases, where RoW is restricted the utility services can be allowed beneath the 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 that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.

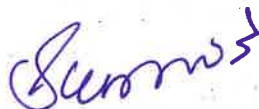


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10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level. However any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing /conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the electrical cable line containing the utility services to cross the road shall be at least 11m top of the existing road level whichever is lower. A typical sketch showing the clearances is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30cm. but not more than 60cms 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.
 - i. 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.
 - ii. The backfill shall be completed in two stages (i) side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - iii. The side fill shall consist of granular material laid 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 by saturation or ponding will not be permitted.
 - iv. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the highway Authority.


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T.W.A.D. BOARD, RWS DIVISION
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17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank guarantee @Rs. Per route metre /Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority its designated agency as a security against improper restoration of ground in terms of filling / unsatisfactory compaction damages caused to other underground installations utility services & interference, interruption, disruption, or failure caused thereof any services etc. in case of licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. 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. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.
21. The Licensee shall shift the utility services within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned authority to shift/relocate the utility services, 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 underground installations / utilities / facilities etc. before commencement of the excavation /using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.



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


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31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway/and/property. Other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorised representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The Utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by 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 cancellations nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
 - a. Operation, repair and maintenance guidelines given by the manufacturers.
 - b. The requirements of Law.
 - c. The physical conditions at the Site, and
 - d. The safety of operating personnel and human beings.



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39. The Licensee shall have to provide safety measures 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 lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the Row.
42. Any disputes in interpretation of the terms and condition of this agreement or their implementation shall be referred to the redress mechanism prevailing in the ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in Mutual agreement with the respective project concessionaires. MoRT&H/NHAI/implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

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


EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

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

SIGNED ON BEHALF OF The Executive Engineer, Tamilnadu Water Supply And Drainage Board,
RWS Division, TWAD Integrated
Office complex, No.35, J.K.Nagar, Trichy- 23. Tamilnadu State, (LICENSEE)

(S. NAKA ANAND)

BY SHRI _____
(Signature, name & address with stamp)
EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY

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

1.

A. Senthil
JUNIOR ENGINEER
TWAD BOARD, R.W.S. Sub Division
TRICHY

2.

Deepu
Assistant Executive Engineer (Tech)
TWAD Board, RWS Division
Trichy



தமிழ்நாடு தமில்நாடு TAMILNADU

23.06.2023 Executive Engineer,
TWAD, RWS Division,
Trichy

DA 332573

S. ஆரோக்கியசாமி MBA
மு.தா.வி. K.சாத்தனார்
உரிமம் எண்: 24/2021/TRY
K.சாத்தனார், திருச்சி

UNDERTAKING

We, Tamilnadu Water Supply And Drainage Board, RWS Division, TWAD Integrated Office complex, :- No.35, J.K. Nagar, Trichy- 23. Tamilnadu State Laying of Water Pipe Line for CWSIS to 174 Habitations in Manikandam and Andhanallur unions, Trichy District under Jal Jeevan Mission Along and Across the road LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) For a total length of 8.39 Kms & 0.36 Kms of Trichy – Dindigul Section (NH - 83) in the state of Tamil Nadu.

We here by undertake the Standard Conditions of NHAI Guidelines:

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

[Signature]

EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY

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

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

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


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



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4. **Shifting of Water pipe line as and when required by NHAI:** Tamilnadu Water Supply And Drainage Board shall shift the Water pipe line within 90 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the water pipe line, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk
5. **Shifting due to 6 lining / widening of NH:** After the termination/expiry of the agreement, Tamilnadu Water Supply And Drainage Board shall remove the water pipe line within 90 days and the site shall be brought back to the original condition failing which the Tamilnadu Water Supply And Drainage Board will lose the right to remove the water pipe line. However, before taking up the work of removal of water pipe line the Tamilnadu Water Supply And Drainage Board shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.
6. **Traffic movement during laying of Water pipe line to be managed by the applicant:** If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Tamilnadu Water Supply And Drainage Board.
7. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** Tamilnadu Water Supply And Drainage Board shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of Tamilnadu Water Supply And Drainage Board. The concerned agency in co-ordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by Tamilnadu Water Supply And Drainage Board. If Tamilnadu Water Supply And Drainage Board fails to comply with the condition 5 and 6 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the Tamilnadu Water Supply And Drainage Board.
8. **We, Tamilnadu Water Supply And Drainage Board, Tamilnadu Water Supply And Drainage Board, RWS Division, Tamilnadu State, 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, Tamilnadu Water Supply And Drainage Board. Failing to discharge the obligation of making good the damages caused due to erection, the NHAI shall have a right to make good the damages caused due to erection at the cost of the Tamilnadu Water Supply And Drainage Board. And recover the amount by invoking the Bank Guarantee. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission, within a period**



**EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
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of 11 months from the date of issue of the Bank Guarantee, Tamilnadu Water Supply And Drainage Board. 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 to pay the losses either to NHAI or to the concerned agency.
10. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission within a period of 11 months from the date of issue of the Bank Guarantees, Tamilnadu Water Supply And Drainage Board shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
11. We will relocate Pipe lines/Utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI "for future six-lining or any other development." We, Tamilnadu Water Supply And Drainage Board, RWS Division, TWAD Integrated Office complex No.35, J.K. Nagar, Trichy- 23 . Tamilnadu State, hereby undertake that "The existing avenue plantation is not affect due to the present proposed water pipe line for CWSIS to 174 Habitations in Manikandam & Andhanallur Unions, Trichy District Under Jal Jeevan Mission Along and Across the LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) For a total length of 8.39 Kms and 0.36 Kms of Trichy – Dindigul Section (NH - 83) in the state of Tamil Nadu".
12. We, Tamilnadu Water Supply And Drainage Board, RWS Division, Trichy - 23 Tamilnadu State, hereby undertake that the pay the fee /rent as mentioned in the Ministry's Guidelines Lr. No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI.
13. We, Tamilnadu Water Supply & Drainage Board, RWS Division, Trichy -23 ,Tamilnadu State. Hereby undertake that as per NHAI policies for Avenue plantations maintained, while laying water pipe line if any plants damaged will be replaced by 1:10 ratio as per NHAI policies.
14. Lr. No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI. Reference Circular issued by Ministry of Road Transport & Highways, GOI, Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016. Where in, the last paragraph that "The Highway Administration Rules 2004 will be modified accordingly. This circular will come in to effect from the date of notification of the modified Highway Administration Rule" So we hereby give our constant 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.



Executive Engineer,
TWAD Board , RWS Division, Trichy - 23
(Authorized Signatory)



தமிழ்நாடு (6) தமிழ்நாடு TAMIL NADU

23.06.2023 Executive Engineer,
TWAD, RWS Division,

INDEMNITY BOND

30AC 693194

S. ஆனந்தசுந்தரம் MBA.

மு.தா.வி. K.சாத்தனார்
உரிமம் எண்: 24/2021/TRV

K.சாத்தனார், திருச்சி

Name of work: Laying of water pipeline along and across the National Highway at Existing on NH 83 land LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) Total Length Along 8,390 metres Across 360 meters in the state of Tamilnadu.

Indemnity against all damages and claims as per SI.NO.5.6 of Checklist

We, M/s. Tamilnadu Water Supply & Drainage Board (TWAD Board), RWS Division, Trichy, do hereby indemnify the Regional Officer, National Authority of India 2nd, 3rd Floor, Vijay Krishna Plaza, Mattuthavani, Madurai binding ourselves to pay all the losses and claims in respect of laying of water pipeline along and across the National Highways at Existing on NH 83 land LHS Km 335/320 to Km 335/300 (20m), Km 338/300 to Km 338/600 (300 m), Km 338/615 to Km 341/550 (2935m), RHS Km 335/320 to Km 337/420 (2100m), Km 337/420 to Km 338/600 (1180 m), Km 344/075 to 345/930 (1855m) and Crossing at Km 335/320 (60m), Km 336/000 (60m), Km 338/600 (60m), Km 338/615 (60m), Km 341/260 (60m), Km 345/930 (60m) Total Length Along 8,390 metres Across 360 meters in the state of Tamilnadu or maintenance there of and against all claims proceeding damages, cost, charges and expenses whatsoever in respect thereof in relation there to failing such payments of claims in the above work we abide in accepting of such claims affected from any of our assets.

EXECUTIVE ENGINEER

T.W.A.D. BOARD, RWS DIVISION
TRICHY

729077/2023/PIU -TRICHY

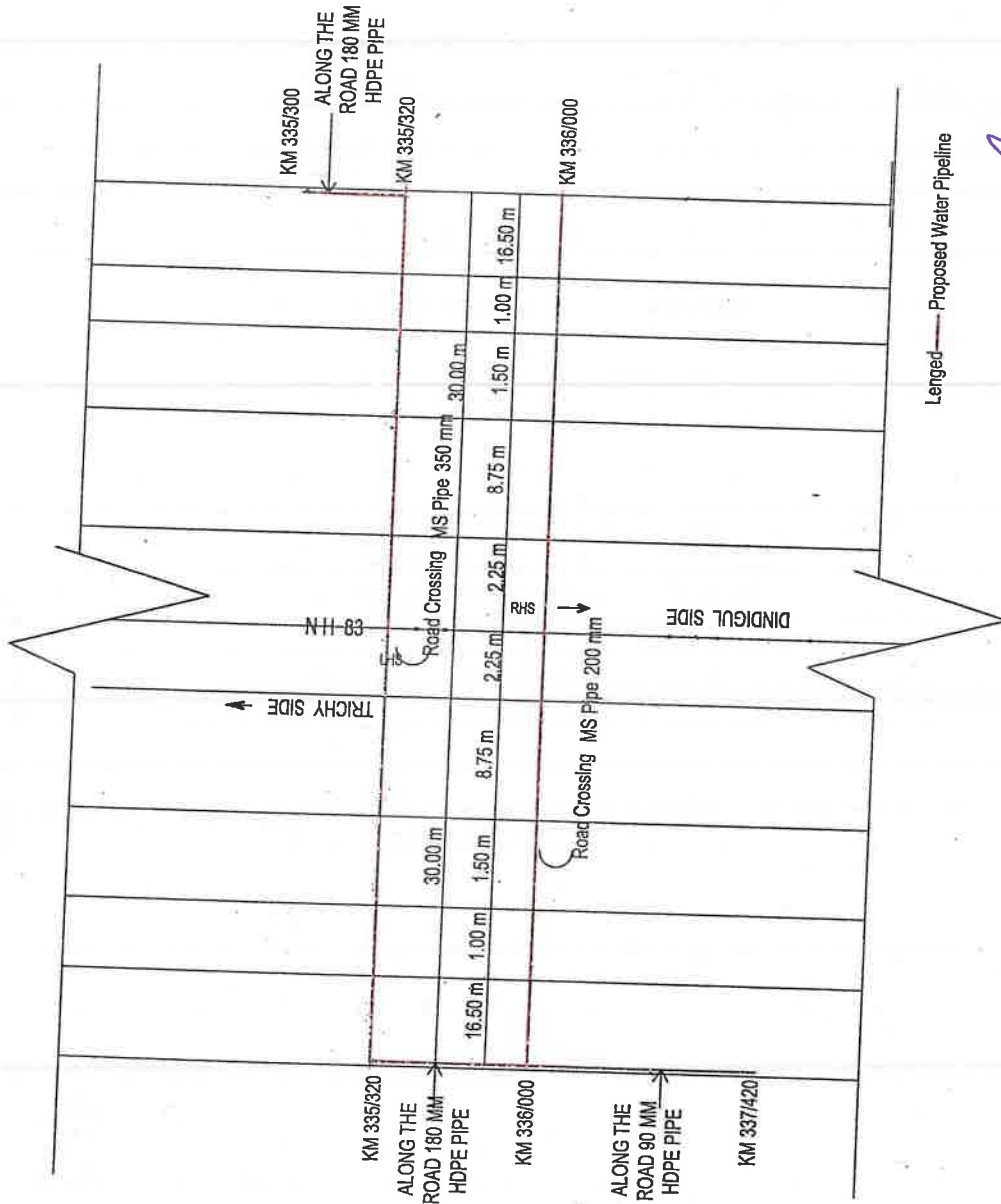
Trichy- Dindigul NHAI Road (NH-83) Details of Laying of Water Pipeline Along and Across the Road

LHS			RHS			Crossing	
From	TO	Length	From	TO	Length	At Km	Length
335/320	335/300	20m	335/320	337/420	2100m	335/320	60m
-	-	-	-	-	-	336/000	60m
338/300	338/600	300m	337/420	338/600	1180m	338/600	60m
338/615	341/550	2935m	-	-	-	338/615	60m
-	-	-	-	-	-	341/260	60m
-	-	-	344/075	345/930	1855m	345/930	60m
Total Length		3255m	Total Length		5135m	Total Length	360m
LHS + RHS + Crossing Grand Total							8750m

Serna
EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY

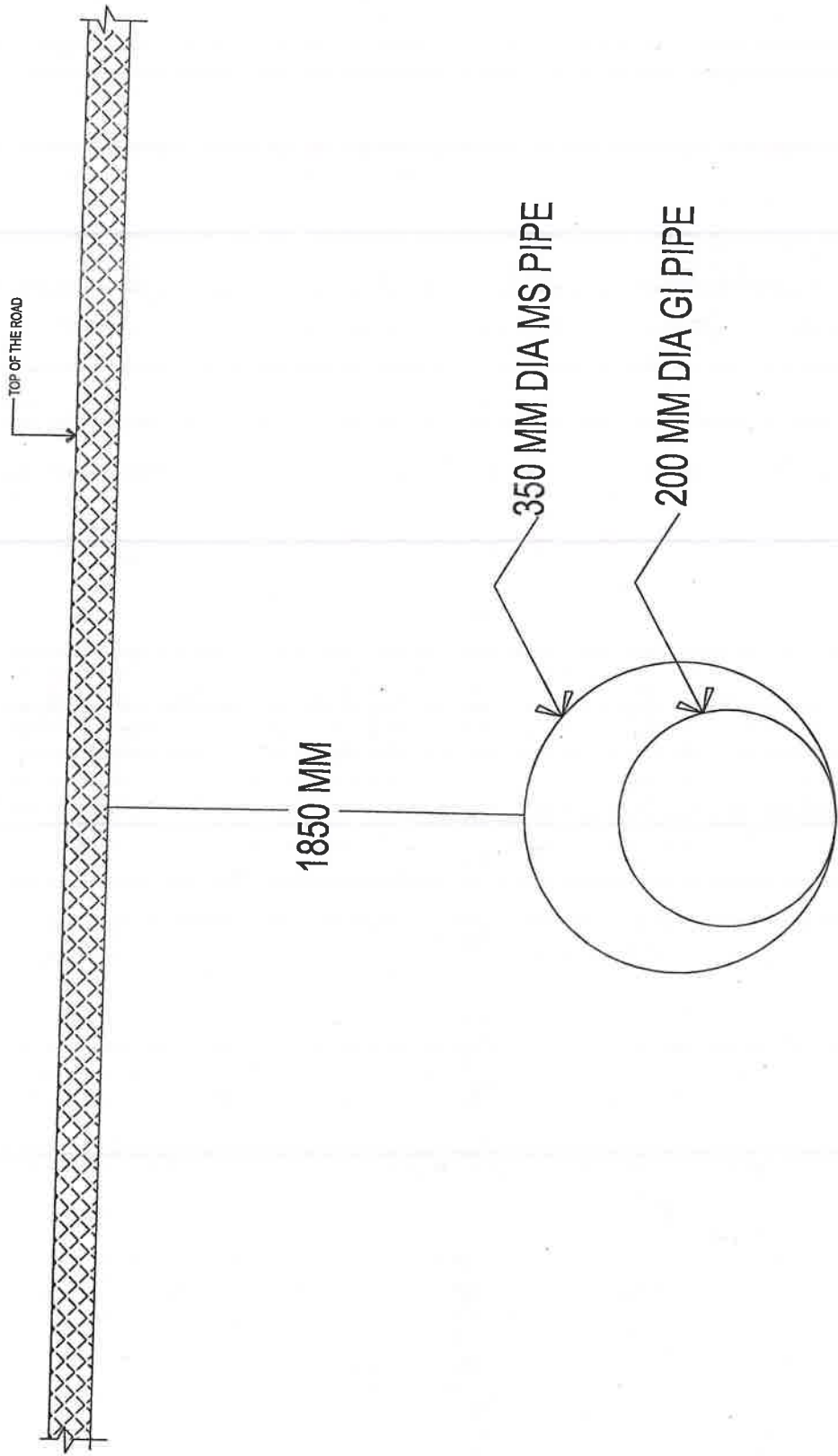
729077/2023/PIU -TRICHY

PROJECT : PROPOSED FOR LAYING OF WATER PUMPING MAIN LINE FOR CWSS to 174 HABITATIONS IN MANIKANDAM & ANDHANALLUR UNION, TRICHY DISTRICT. UNDER JALJEEVAN MISSION ALONG EXTREME END OF BOUNDARY OF NH 83 FROM 1) Km 335/320 TO Km 335/300 (LHS 20m), ROAD CROSSING AT Km 335/320 (CROSSING FOR 60m), 2) Km 335/320 TO Km 337/420 (RHS 2100m) CROSSING AT Km 336/600 (CROSSING 60m),



Handwritten signature

**EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY**



ACROSS AT KM 335/320

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS & LETTER NO RWNH33044/29/2015/S&R(R)(Pt).DATED 22.11.2016

TITLE :-

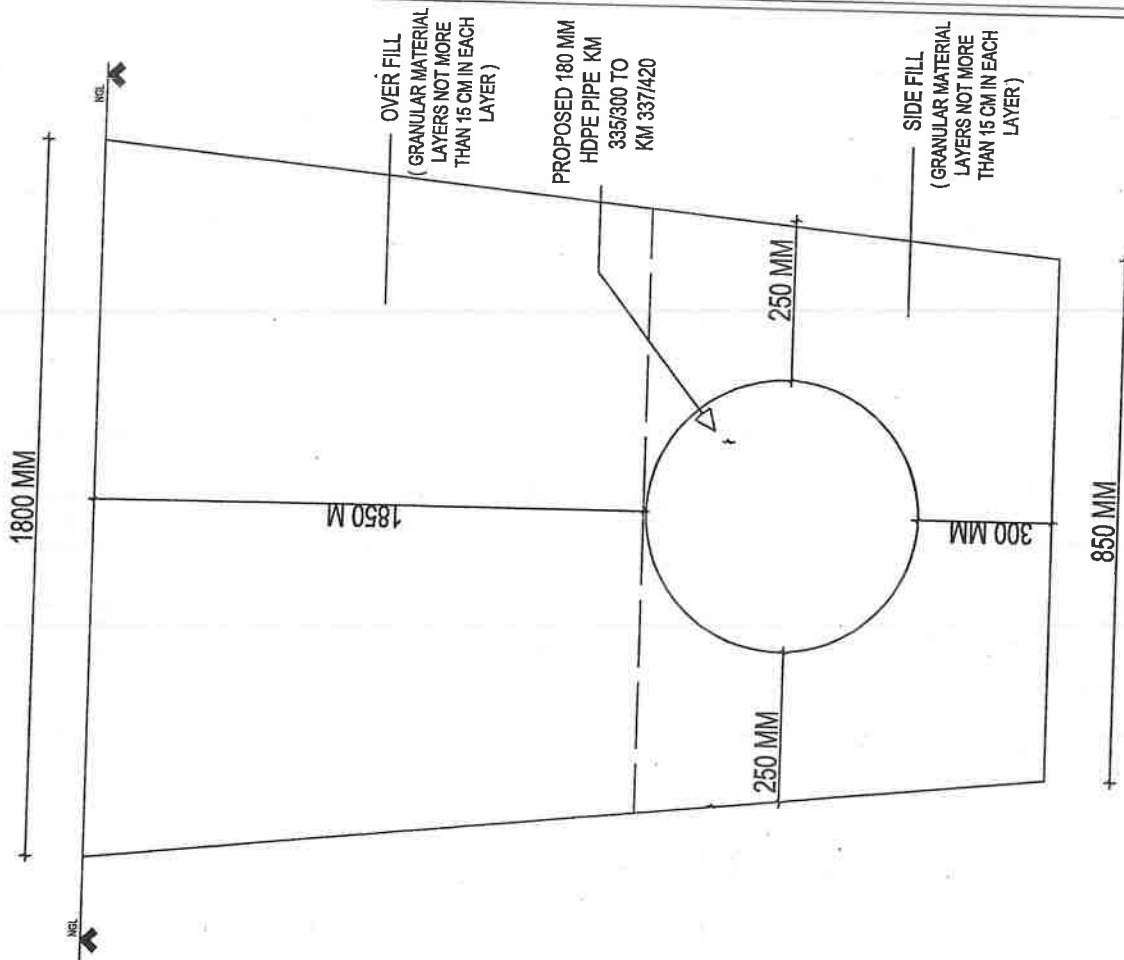
FIGURE :- INSTALLATION OF MS CASING PIPE FOR CROSSING
THE ROAD TRENCH LESS (HDD METHOD)

APPLICANT :-

EXECUTIVE ENGINEER

Tamilnadu Water Supply and Drainage Board
RWS Division
Trichy - 23

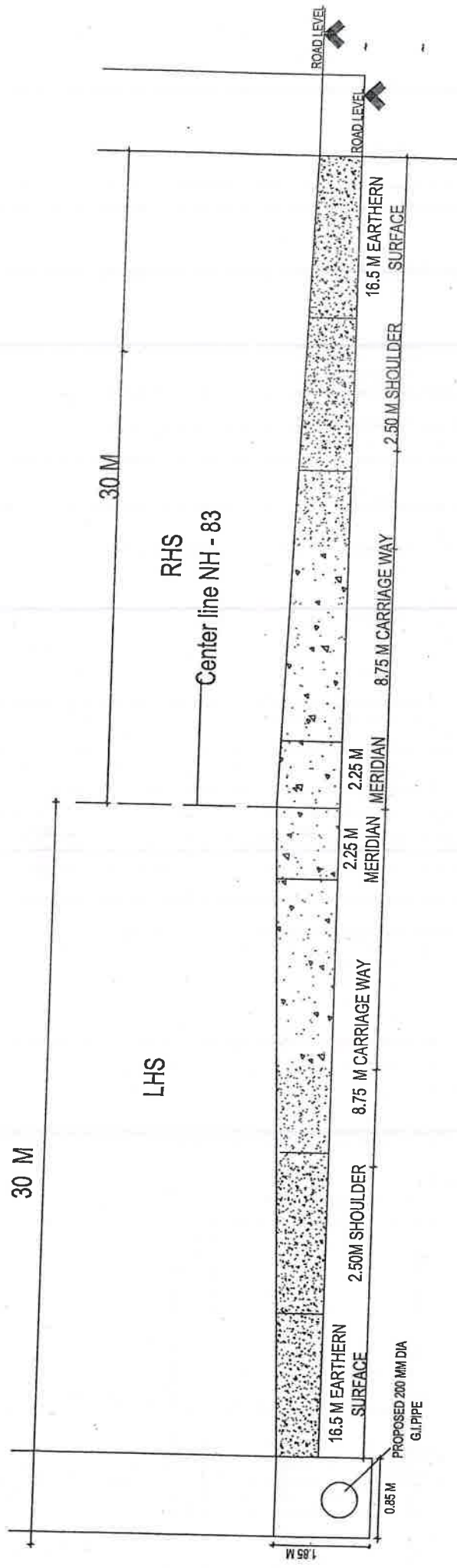
729077/2023/PIU -TRICHY



APPLICANT
[Signature]
EXECUTIVE ENGINEER
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
RW&B DIVISION
TRICHY - 20

TRICHY TO DINDIGUL SECTION NH - 83
KM 335/300 TO KM 337/420 L&B & R&B

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
LETTER NO. RW/NH - 33044/28/2015/SS R(R) (P) DATED 22.11.2016

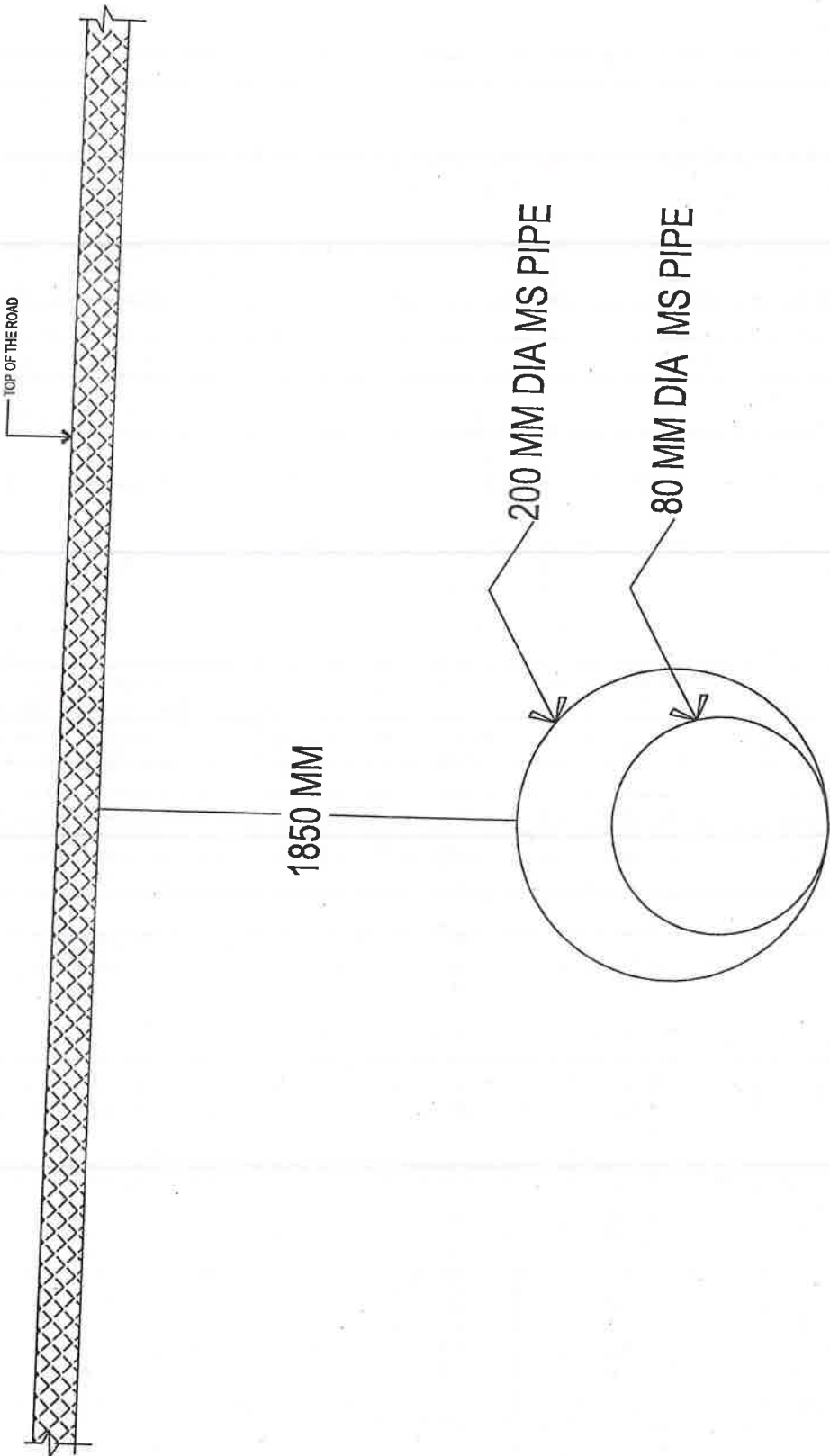


APPLICANT *Saravathi*
EXECUTIVE ENGINEER
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
RWS DIVISION
TRICHY - 23

TRICHY TO DINDIGUL SECTION NH - 83
KM 335/600 TO KM 337/420 LHS & RHS

TITLE

CROSS SECTION DETAIL NH - 83



ACROSS AT KM 336/000

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS & LETTER NO RWNH33044/29/2015/S&R(R)(Pt).DATED 22.11.2016

TITLE :-

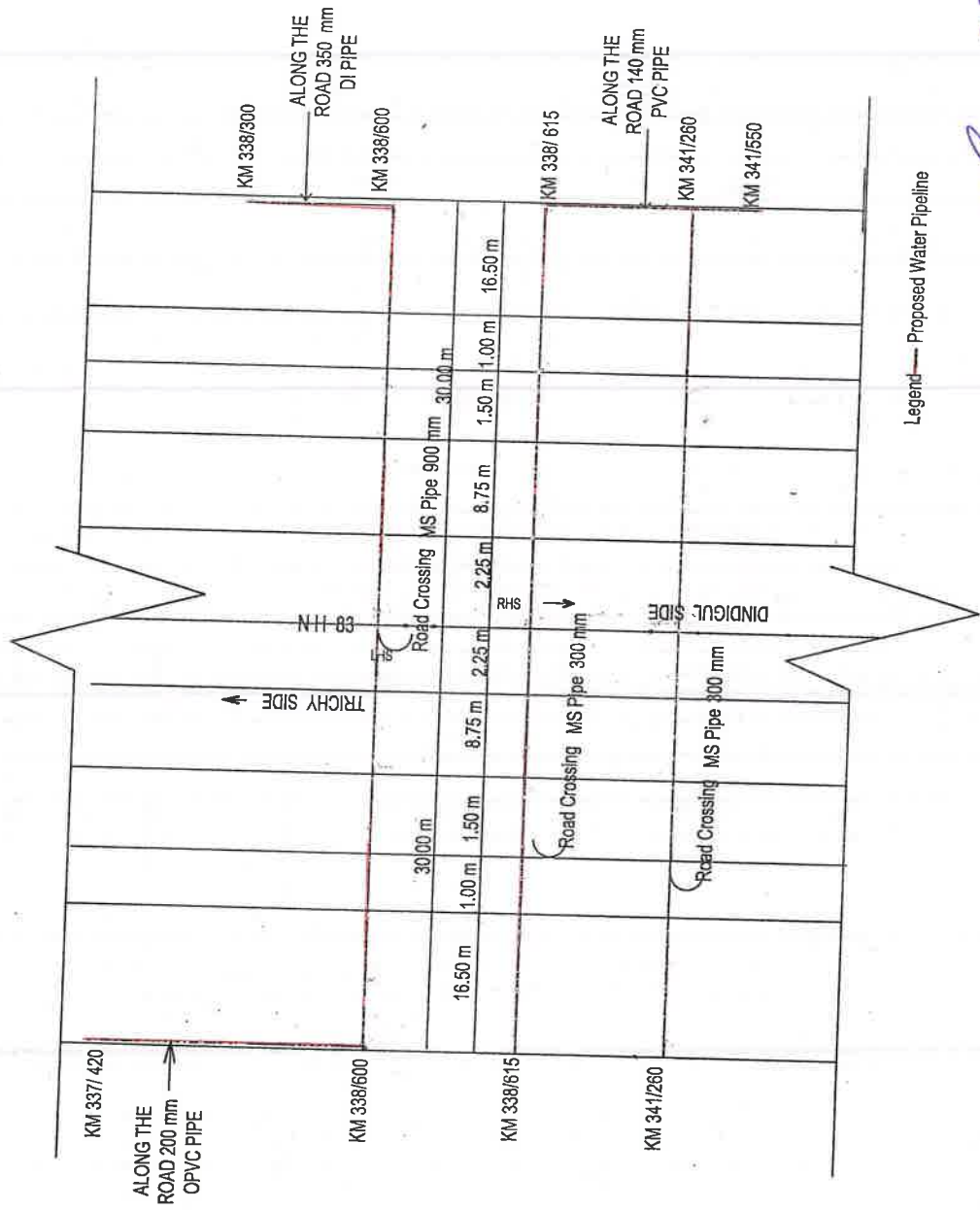
FIGURE :- INSTALLATION OF MS CASING PIPE FOR CROSSING
THE ROAD TRENCH LESS (HDD METHOD)

APPLICANT :-

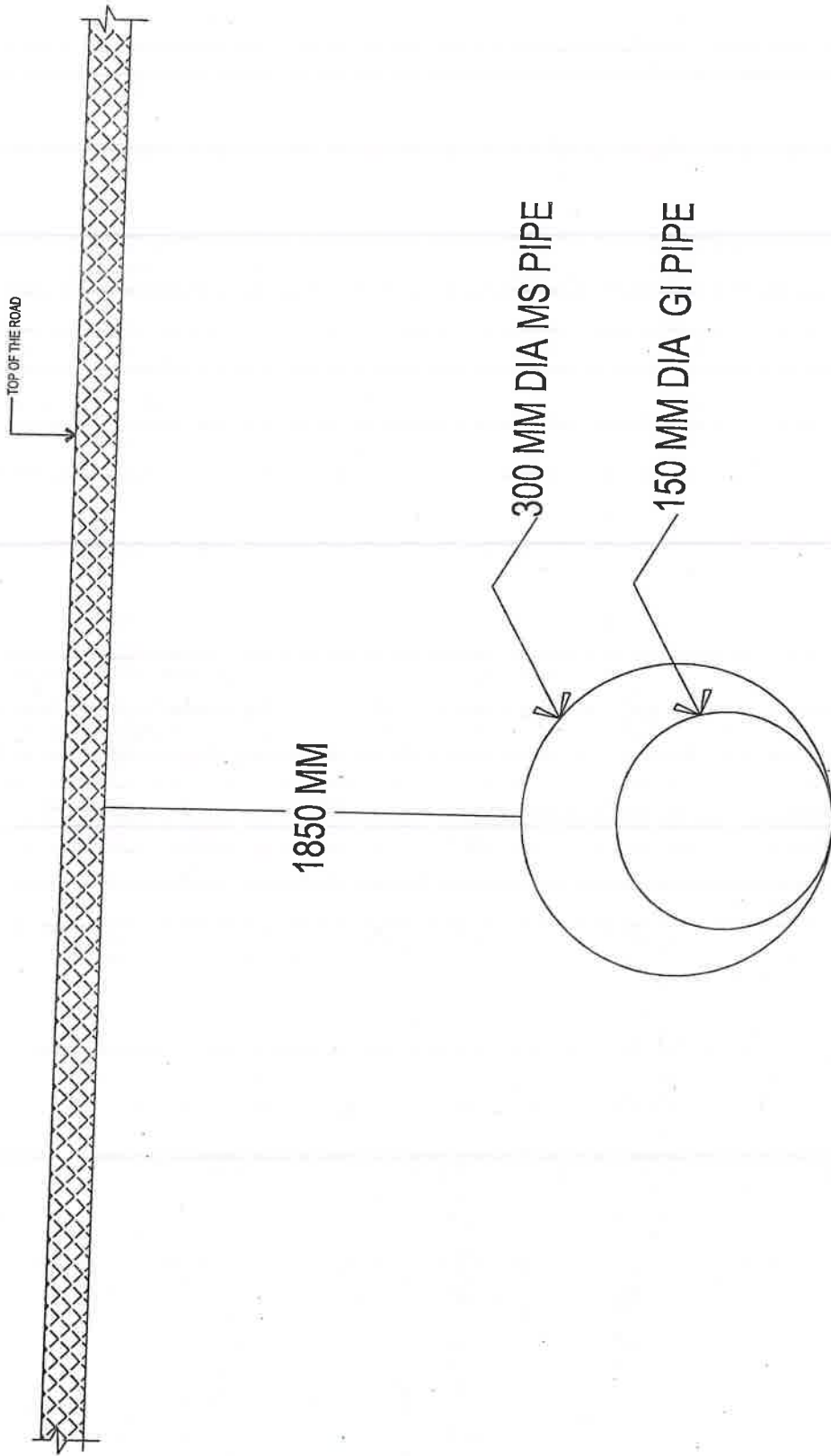
EXECUTIVE ENGINEER

Tamilnadu Water Supply and Drainage Board
RWS Division
Trichy - 23

PROJECT : PROPOSED FOR LAYING OF WATER PUMPING MAIN LINE FOR CWSS to 174 HABITATIONS IN MANIKANDAM & ANDHANALLUR UNIONS, TRICHY DISTRICT UNDER JAL JEEVAN MISSION ALONG EXTREME END OF BOUNDARY OF NH 83 FROM 1) Km 337/420 TO Km 338/600 (RHS 1180 m), 2) Km 338/600 TO Km 338/300 (LHS 300m) ROAD CROSSING AT Km 338/600 (CROSSING 60m), 3) Km 338/615 TO Km 341/550 (LHS 2935 m), ROAD CROSSING AT Km 338/615 (CROSSING 60m), Road CROSSING AT Km 341/260 (CROSSING 60 m).



Handwritten signature
EXECUTIVE ENGINEER
T.W.A.D. BOARD, RWS DIVISION
TRICHY



ACROSS AT KM 338/615

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS & LETTER NO RWNH33044/29/2015/S&R(R)(Pt).DATED 22.11.2016

TITLE :-

FIGURE :- INSTALLATION OF MS CASING PIPE FOR CROSSING
THE ROAD TRENCH LESS (HDD METHOD)

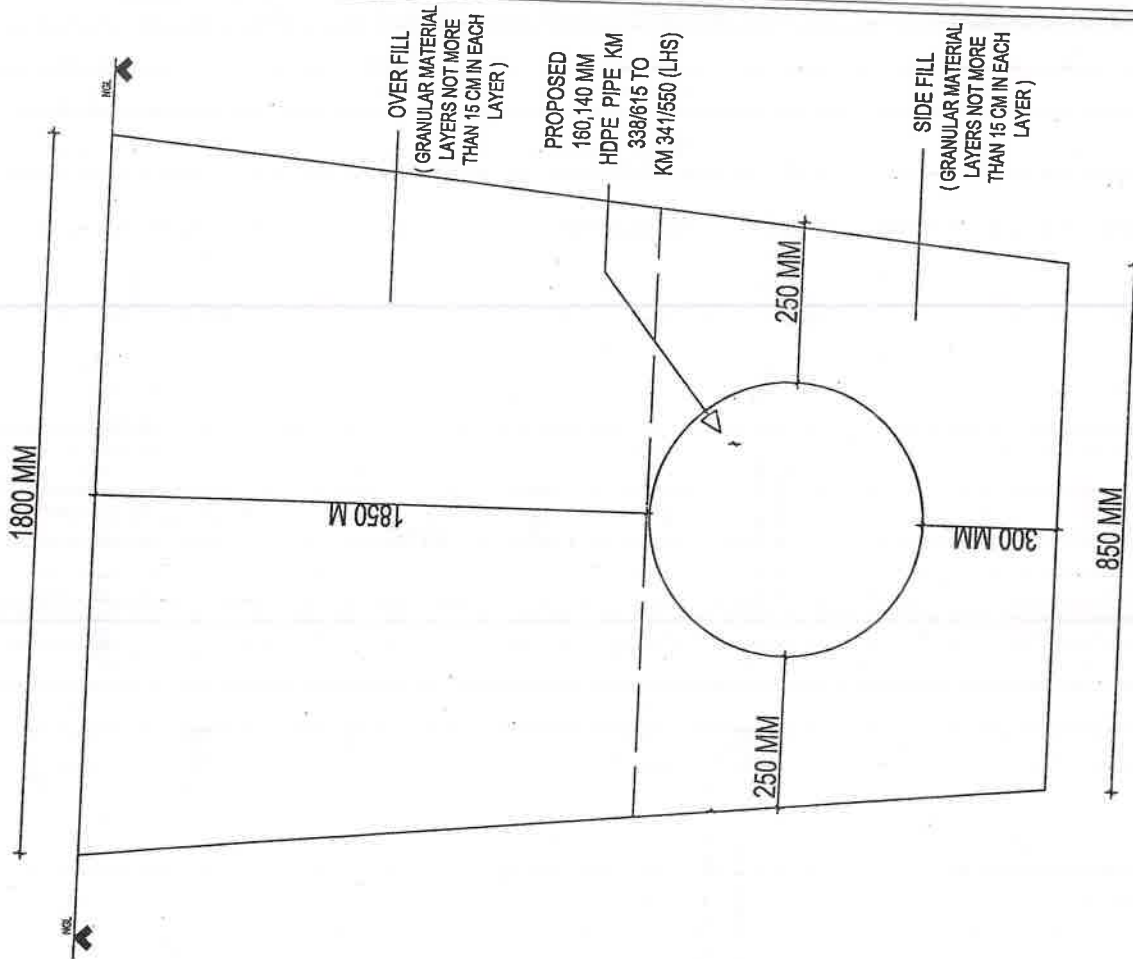
APPLICANT :-

Signature

EXECUTIVE ENGINEER

Tamilnadu Water Supply and Drainage Board
RWS Division
Trichy - 23

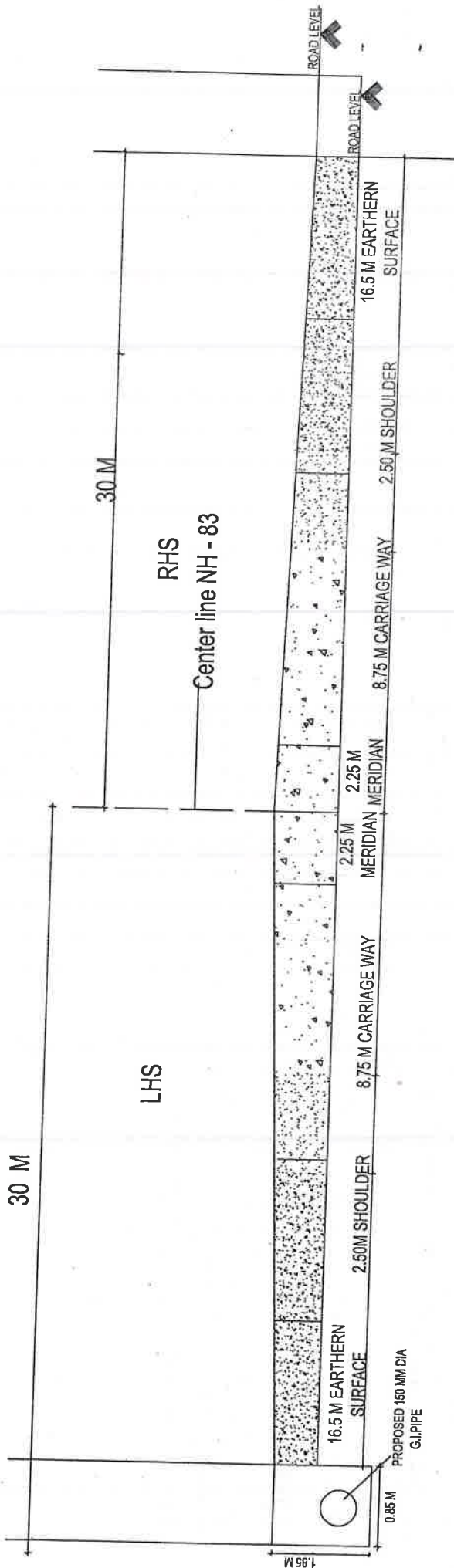
729077/2023/PIU -TRICHY



APPLICANT
Shanmugam
EXECUTIVE ENGINEER
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
RWS DIVISION
TRICHY - 20

TRICHY TO DINDIGUL SECTION NH - 83
KM 338/615 TO KM 341/550 (LHS)

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
LETTER NO. RWNH - 33044/28/2015/88 R(R) (P) DATED 22.11.2016

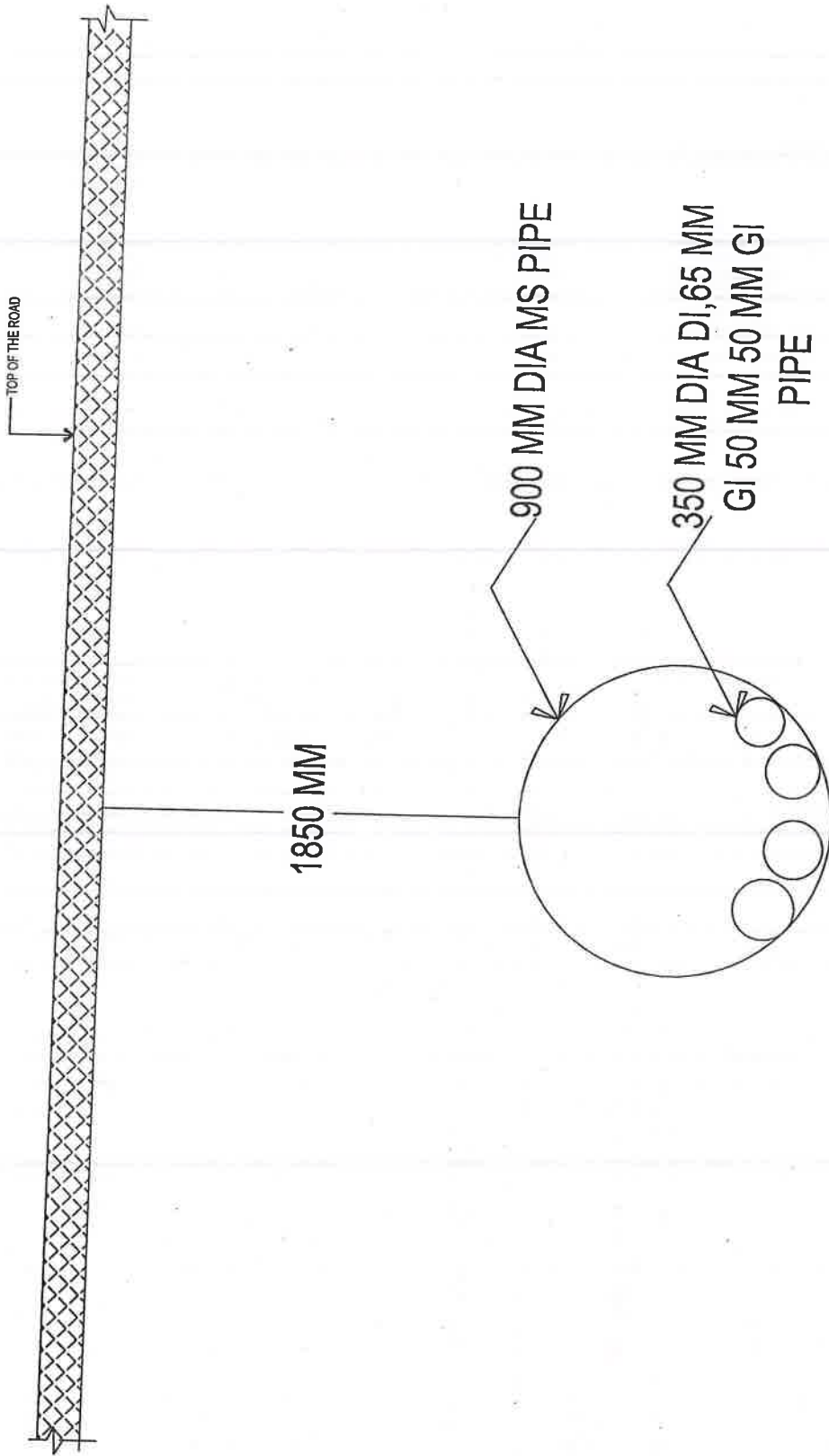


TITLE

CROSS SECTION DETAIL NH - 83

TRICHY TO DINDIGUL SECTION NH - 83
KM 338/615 TO KM 341/550 LHS

APPLICANT *Senthil*
EXECUTIVE ENGINEER
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
RWS DIVISION
TRICHY - 23



ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS & LETTER NO RWNH33044/29/2015/S&R(R)(Pt).DATED 22.11.2016

TITLE :-

FIGURE :- INSTALLATION OF MS CASING PIPE FOR CROSSING
THE ROAD TRENCH LESS (HDD METHOD)

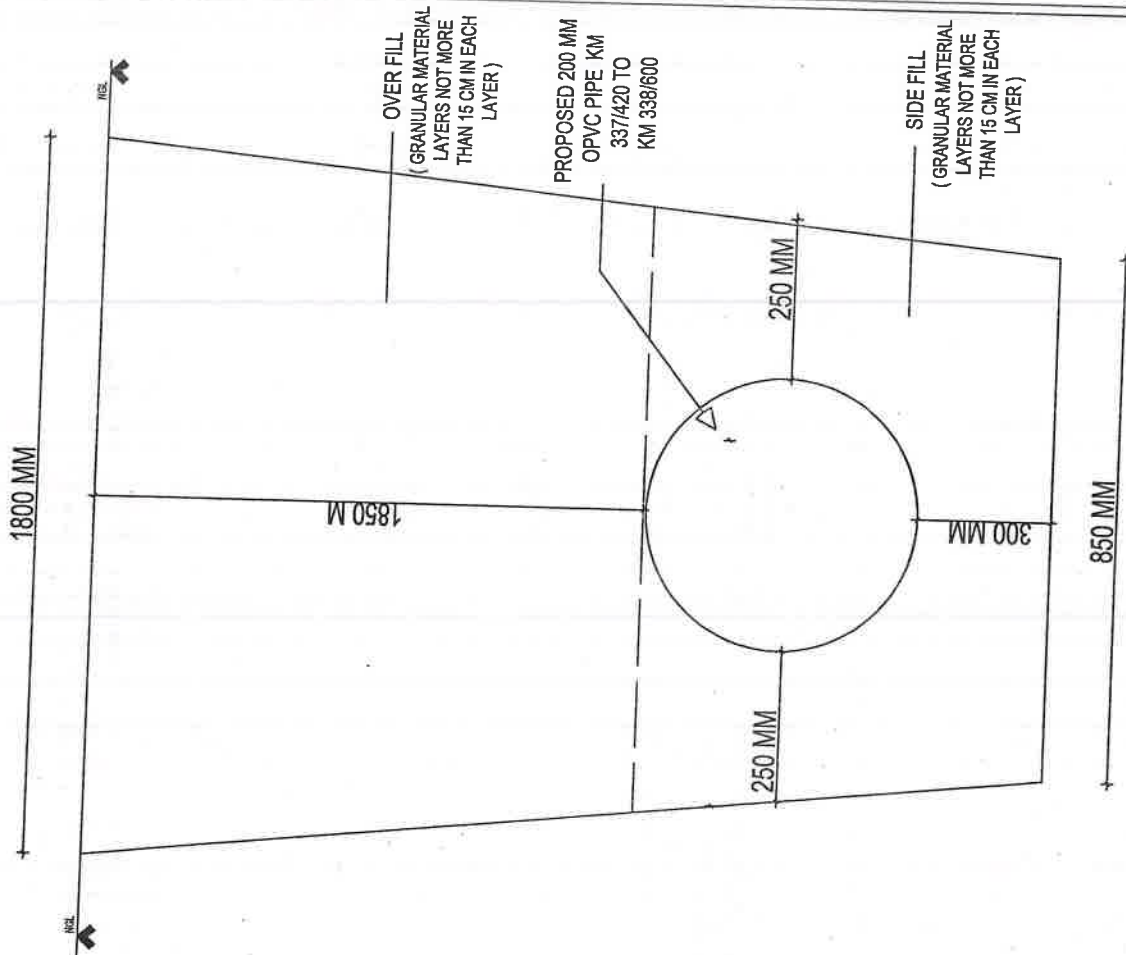
APPLICANT :-

S. S. S.

EXECUTIVE ENGINEER

Tamilnadu Water Supply and Drainage Board
RWS Division
Trichy - 23

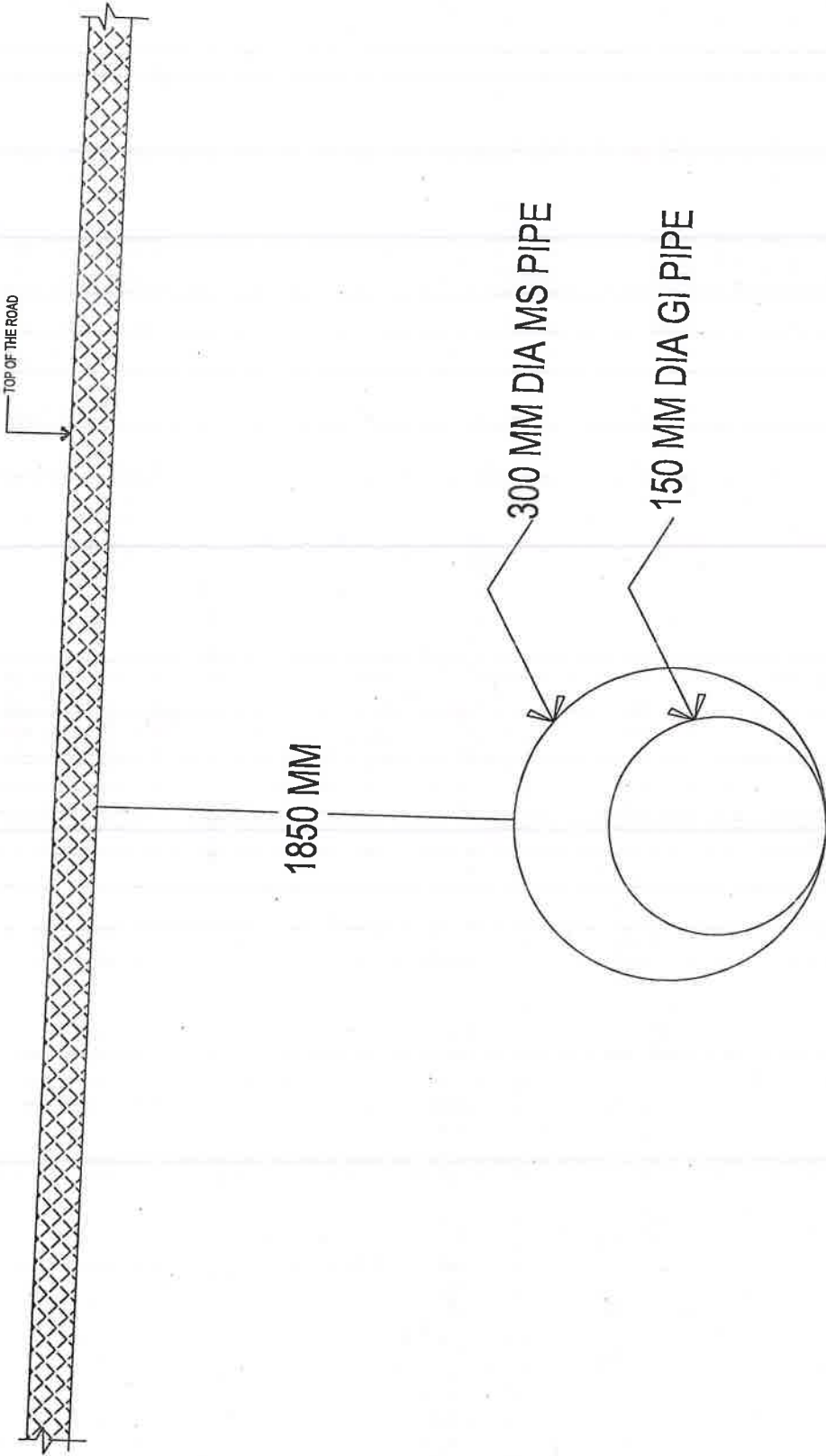
729077/2023/PIU -TRICHY



ENCLOSURE TO MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
LETTER NO. RWNH - 33044/282015/S& R(R) (P) DATED 22.11.2016

TRICHY TO DINDIGUL SECTION NH - 83
KM 337/420 TO KM 338/600 P&S

APPLICANT
S. Suresh
EXECUTIVE ENGINEER
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
RWS DIVISION
TRICHY - 23



ACROSS AT KM 341/260

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS & LETTER NO RWNH33044/29/2015/S&R(R)(Pt).DATED 22.11.2016

TITLE :-

FIGURE :- INSTALLATION OF MS CASING PIPE FOR CROSSING
THE ROAD TRENCH LESS (HDD METHOD)

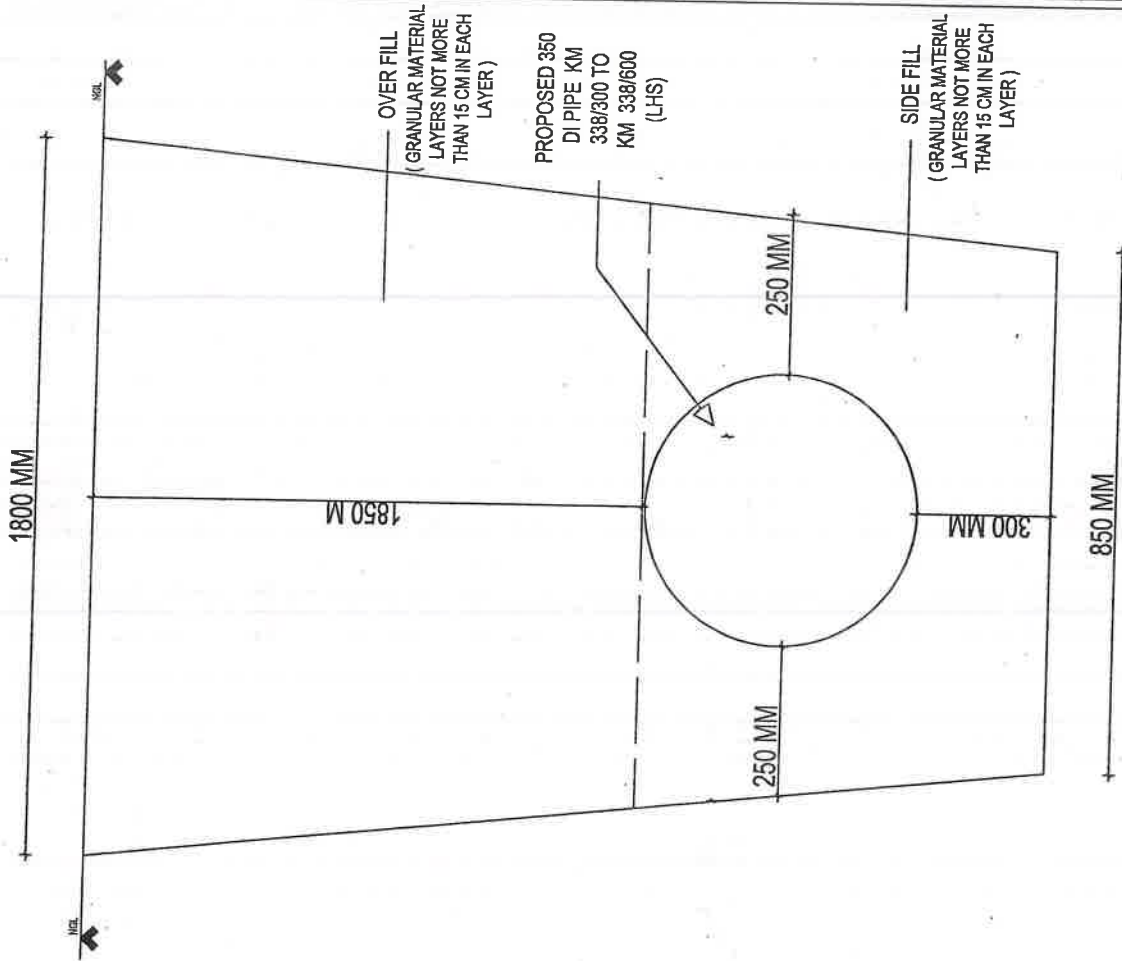
APPLICANT :-

[Signature]

EXECUTIVE ENGINEER

Tamilnadu Water Supply and Drainage Board
RWS Division
Trichy - 23

729077/2023/PIU -TRICHY

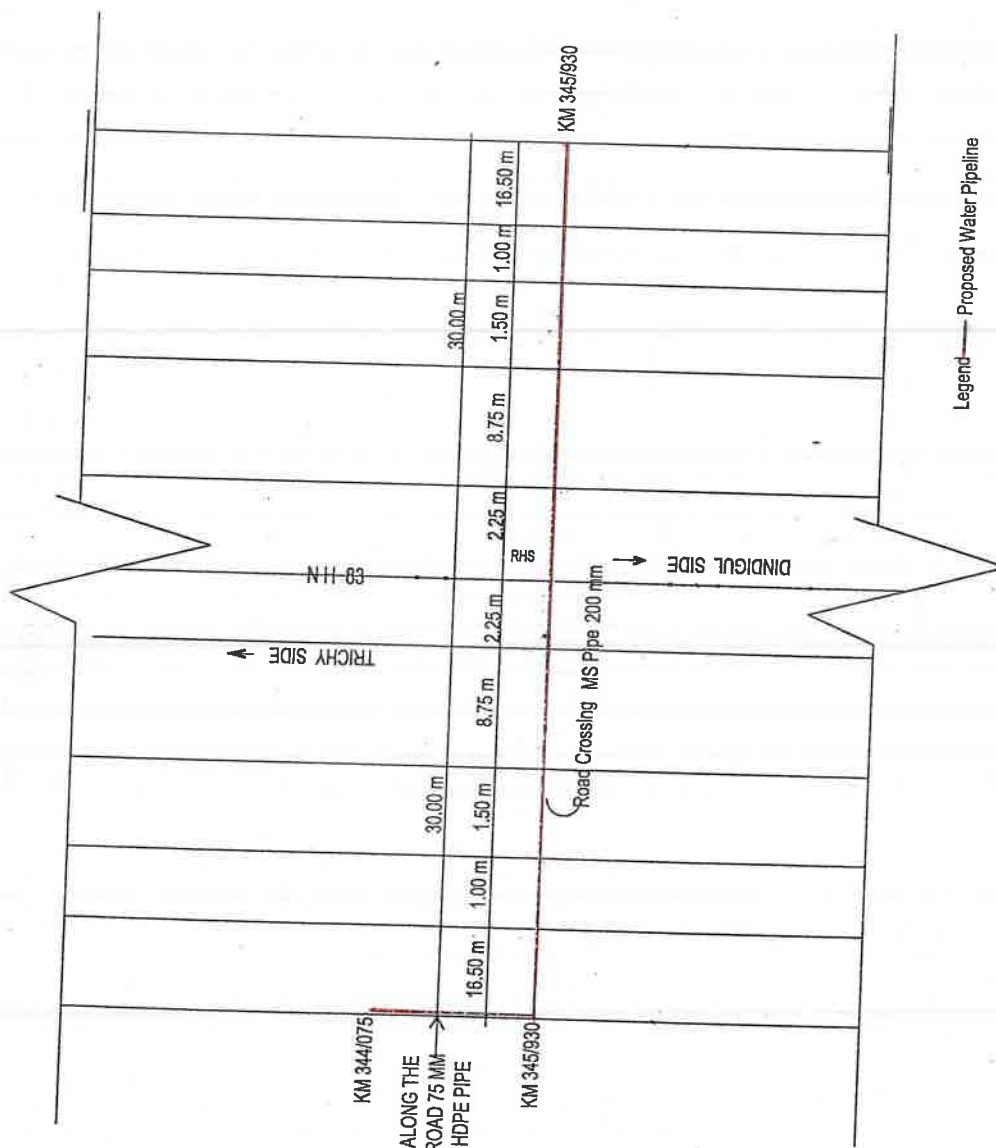


ENCLOSURE TO MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
LETTER NO. RW/WH - 3304/29/2015/S& R/R (P) DATED 22.11.2016

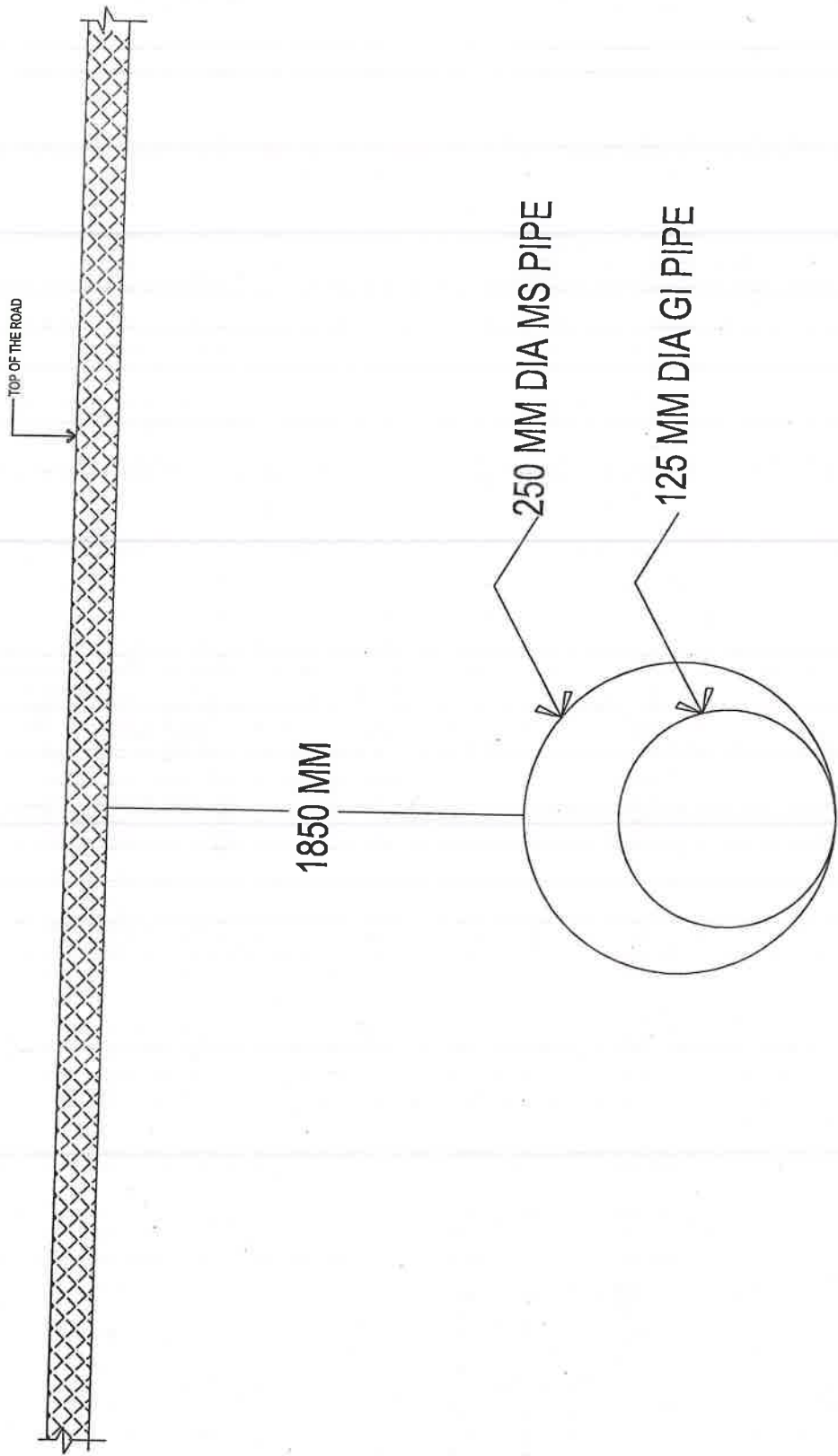
TRICHY TO DINDIGUL SECTION NH - 83
KM 338/300 TO KM 338/600 LHS

APPLICANT *Shen*
EXECUTIVE ENGINEER
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
RWS DIVISION
TRICHY - 23

PROJECT : PROPOSED FOR LAYING OF WATER PUMPING MAIN LINE FOR CWSS to 174 HABITATIONS IN MANIKANDAM & ANDHANALLUR UNION, TRICHY DISTRICT. UNDER JALJEEVAN MISSION ALONG EXTREME END OF BOUNDARY OF NH 83 FROM 1) Km 344/075 TO Km 345/930 (RHS) 1855 M, ROAD CROSSING AT Km 345/930 (CROSSING FOR 60m).



Sema
 EXECUTIVE ENGINEER
 T.W.A.D. BOARD, RWS DIVISION
 TRICHY



ACROSS AT KM 345/930

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS & LETTER NO RWNH33044/29/2015/S&R(R)(Pt).DATED 22.11.2016

TITLE :-

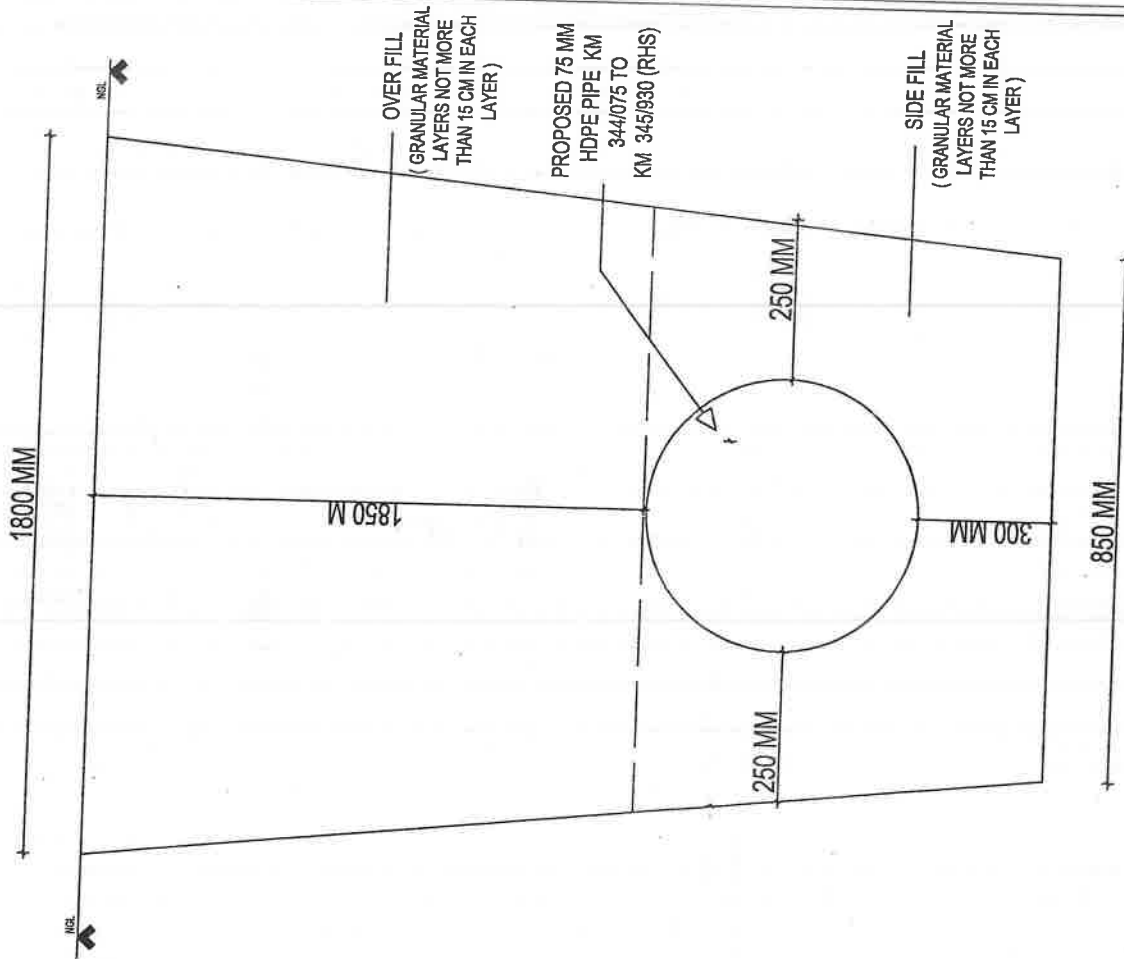
FIGURE :- INSTALLATION OF MS CASING PIPE FOR CROSSING
THE ROAD TRENCH LESS (HDD METHOD)

APPLICANT :-

EXECUTIVE ENGINEER

Tamilnadu Water Supply and Drainage Board
RWS Division
Trichy - 23

729077/2023/PIU -TRICHY



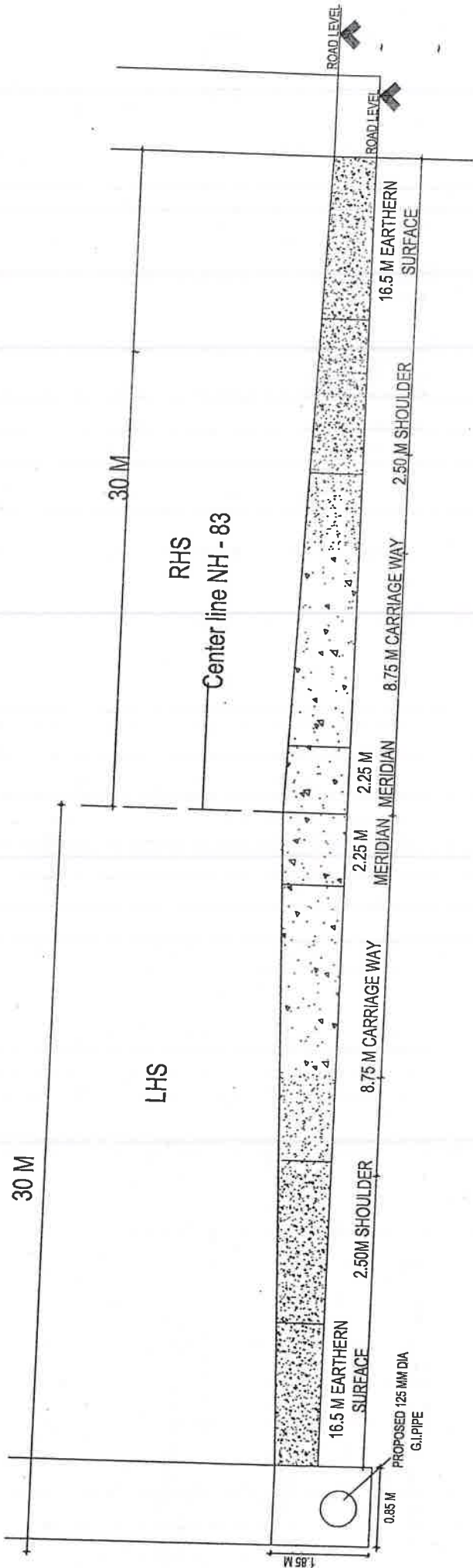
ENCLOSURE TO MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
LETTER NO. RW/NH - 33044/29/2019/S& R(R) (P) DATED 22.11.2016

TRICHY TO DINDIGUL SECTION NH - 83
KM 344/075 TO KM 345/930 (RHS)

APPLICANT

EXECUTIVE ENGINEER

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
RWS DIVISION
TRICHY - 23



TITLE

CROSS SECTION DETAIL NH - 83

TRICHY TO DINDIGUL SECTION NH - 83
KM 344/075 TO KM 345/030 RHS

APPLICANT
Sennar
EXECUTIVE ENGINEER
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
RWS DIVISION
TRICHY - 23

No.RW/NH-37011/52/2020-BP&SP
Government of India
Ministry of Road Transport & Highways
(BP&SP Cell)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

M(A)
M(P)RKP
m(P)MK
m(T)
LUM(T)SKM
K.L.P. 15/01/21

Dated: 15th January, 2021

To,

1. The Chief Secretaries of all the State Governments / UTs
2. The Principal Secretaries / Secretaries of all States/ UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineer of Public Works Department of States/ UTs dealing with National Highways, other centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10 Dwarka, New Delhi-110075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001.

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

Sir,

Please refer the Ministry's circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 (copy enclosed) regarding subject cited above.

2. Keeping in view the all-round Industrial development in the Country, the National Infrastructure Pipelines (NIP) projects are vital for Nation Building and therefore, optimum utilizing of National Highway land/ RoW for laying of utility services along & across National Highway plays a critical role in integrated development of infrastructures. Further, such utilization of land/ RoW for laying utility services will reduce pressure on highway traffic as well.

3. In order to meet the above requirement, a partial modification to aforesaid guideline dated 22.11.2016 has been envisaged. Accordingly, para 2.3 of above mentioned guidelines may be read as under:-

"In stretches where utility ducts have not been provided, the utility services shall be located, beyond the toe line of embankment and drains, as close to the extreme edge of the RoW as possible. A width of upto 5m may be utilized to lay such utility services along National Highway subject to the availability of RoW. While granting permission, requirement of up-gradation also needs to be kept in view."

4. Other paras/ points/ conditions of the guideline dated 22.11.2016 shall remain intact.
5. This issues with the approval of Competent Authority.

Yours faithfully,

Encl.: As above.

for celan
15/1/2021

(Shubham Yadav)

Assistant Executive Engineer (BP&SP)

Copy to:

1. All Technical Officers in the Ministry of Road Transport & Highways.
2. All ROs and ELOs of the Ministry.
3. The Secretary General, Indian Roads Congress.
4. The Director, IAHE.
5. NIC for uploading on Ministry's website under "What's New" and on e-office.

Copy for kind information:

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



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

S&R(R) ZONE

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

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

Dated: 22nd November, 2016

To,

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

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

Sir,

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

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

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

2. Laying of Utility Services along the National Highways:

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

21

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

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

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

3. Laying of Utility Services across the National Highway:

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

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

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

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

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

3.5.1 Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.

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

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

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

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

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

3

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

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

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

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

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

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

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

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

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

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

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

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

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

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

nikuman

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filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc.;	
Utility services such as pipes etc (rate in per m)	
provided in the ducts already provided	
<= 300 mm dia/width	Rs 50
> 300 mm dia/width but < =1000 mm	Rs 100
> 1000 mm	Rs 250
Utility services such as towers etc (rate in Rs per sq m)	Rs 500
	Rs 100

In case the Licensee fails to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.

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

Encls: As above.

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

Copy to:

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

Copy for kind information to:

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

Annexure I

Public Utility provider and Industrial infrastructure**A. Public Utility Provider**

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

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

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

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

Appendix

Draft

Enclosure to Ministry of Road Transport & Highways letter No. 33044 / 29 / 2015 /S&R(R) dated 22.11.2016.

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

Agreement to lay Telecom cable / OFC cable / electrical cable / pipe line/ ducts etc.
from _____ to _____ Km of _____ land.

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 one part, and M/s _____, a company registered under the Companies Act, 1956 and having its Registered Office at _____ (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands in Km to of NH No.....RoW.

Whereas the Licensee proposes to lay Telecom cable / OFC cable / electrical cable / pipe line / ducts etc. referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services from Km _____ to Km _____ of road/route up to _____ and from km _____ to km _____ of road/route up to _____.

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

Now this agreement witnesseth that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, 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 provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.

2. No Licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the RoW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs/sq m/month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The 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 road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.

9. In exceptional cases, where RoW is restricted the utility services can be allowed beneath the 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 that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level. However, any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.

- b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
 - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route metre / Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee 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. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility;

21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, 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 underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches,

for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.

27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorised representatives of Authority to inspect the Project Facilities and to investigate any

matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.

37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by 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 Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- a. operation, repair and maintenance guidelines given by the manufacturers,
 - b. the requirements of Law,
 - c. the physical conditions at the Site, and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures 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 lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.

43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MoRT&H/ NHAI/ implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

This agreement has been made in duplicate, each on a Stamp Paper, Each party to this Agreement has retained one stamped copy each.

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI _____

(Signature, name & address with stamp)

SIGNED ON BEHALF OF M/S _____

(LICENSEE)

(S. NAGA ANAND)

BY SHRI _____

(Signature, name & address with stamp)
EXECUTIVE ENGINEER
TWAD BOARD, R.W.S. DIVISION
TRICHY

HOLDER OF GENERAL POWER OF ATTORNEY DATED _____

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. _____

DATED _____

PASSED BY HTE BOARD OF DIRECTORS IN THE _____

MEETING HELD ON _____

IN THE PRESENCE OF (WITNESSES):

1.

A. Sathya
JUNIOR ENGINEER
TWAD BOARD, R.W.S. Sub Division
TRICHY

2.

Shri en
Assistant Executive Engineer (Tech)
TWAD Board, Rws Division
Trichy

Attachment I

Enclosure to Ministry of Road Transport & Highways letter No RW/NH-33047,
..29/2015) Sd/R(R) dated 22.11.16.

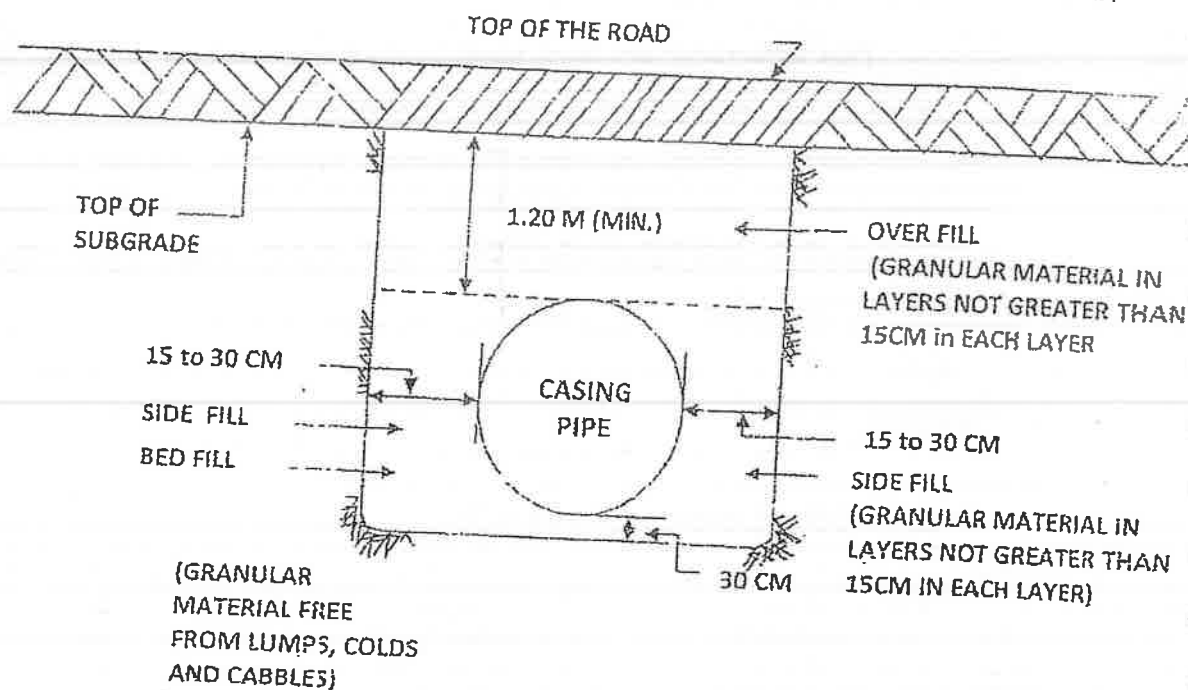


Figure not to scale

FIGURE-1 INSTALLATION OF CASING PIPE FOR CROSSING THE ROAD



ABSTRACT

Jal Jeevan Mission – retrofitting of 6 existing Combined Water Supply Schemes and 6 new Multi Village Schemes under Jal Jeevan Mission (JJM) – Administrative Sanction – Accorded – Orders – Issued.

Municipal Administration and Water Supply (WS.1) Department

G.O.(4D)No.16

Dated: 26.07.2022

சுபகிருது, ஆடி மாதம் 10-ஆம் நாள்

திருவள்ளூர் ஆண்டு, 2053

Read:-

From the Mission Director, Jal Jeevan Mission & Managing Director, TWAD Board Letter No.F.2-5/SLSSC/JJM/2020, Dated: 14.06.2022.

* * * *

ORDER:

The Mission Director, Jal Jeevan Mission & Managing Director, Tamil Nadu Water Supply and Drainage Board in his letter read above has stated that the 2nd Apex Committee of Jal Jeevan Mission has approved the saturation plan up to March, 2024 to provide Functional Household Tap Connections (FHTCs) to all the rural households which includes 69 numbers of New Multi Village Scheme (MVS) and retrofitting of 99 existing Combined Water Supply Scheme (CWSS) / Multi Village Scheme (MVS). Subsequently, based on the detailed investigation carried out to prepare the Detailed Project Reports (DPRs), the actual number of new Multi Village Schemes and retrofitting of existing Combined Water Supply Scheme / Multi Village Schemes has been reworked as 60 and 56 respectively and the same has been placed in the 1st Apex Committee Meeting held on 21.04.2022 and approved in the Annual Action Plan 2022-23.

2. The Mission Director, Jal Jeevan Mission & Managing Director, TWAD Board has also stated that the Annual Action Plan for 2022-23 was prepared for Rs.7,553.15 crore (Rs.6,119.87 crore under Jal Jeevan Mission and Rs.1,433.28 crore under convergence funds) for providing 26.89 lakh Functional Household Tap Connections (FHTCs) and was approved by the Apex Committee in its meeting held on 21.04.2022. Subsequently, in the National Jal Jeevan Mission meeting held on 25.04.2022, the Annual Action Plan for 2022-23 was revised for Rs.8,286.40 crore (Rs.6,853.12 crore

2

under Jal Jeevan Mission & Rs.1,433.28 crore under convergence funds) for providing 28.48 lakh Functional Household Tap Connections as below:

Sl. No.	Activities Proposed	Apex Committee approved		Revised as per GoI Remarks	
		No. of FHTCs Aimed	Amount (Rs in crore)	No. of FHTCs Aimed	Amount (Rs in crore)
I.	Single Village Schemes				
a.	Spill-over of Single Village schemes	4,73,233	574.00	4,73,233	574.00
b.	Retrofitting of Single Village Schemes	6,71,031	503.27	6,71,031	503.27
II.	Multi Village Schemes				
a.	Spillover MVS - 9 Nos.	1,28,883	650.00	1,28,883	650.00
b.	New MVS - 60 Nos	0	3,000.00	34,545	3,298.92
c.	Retrofitting of MVS-56 Nos.	2,16,407	1,194.20	3,40,527	1,628.52
III.	Water Quality Monitoring & Surveillance		47.76		47.76
IV	Support Activities		150.64		150.64
	Total under JJM funds	14,89,554	6,119.87	16,48,219	6,853.12
V.	Spillover SVS under Convergence funds	1,64,324	233.28	1,64,324	233.28
VI.	Retrofitting of SVS under convergence funds	10,35,618	1,200.00	10,35,618	1,200.00
Grand Total		26,89,496	7,553.15	28,48,161	8,286.40

3. The Mission Director, Jal Jeevan Mission & Managing Director, TWAD Board has also stated that the 6th State Level Scheme Sanctioning Committee meeting (2nd SLSSC meeting for the year 2022-23) was conducted under the Chairmanship of Additional Chief Secretary, Municipal Administration & Water Supply Department and State Nodal Officer, Jal Jeevan Mission, Tamil Nadu on 06.06.2022 and the proposals for the retrofitting of 6 numbers of existing Combined Water Supply Schemes and 6 new Multi Village Schemes have been placed before the State Level Scheme Sanctioning Committee and State Level Scheme Sanctioning Committee accorded approval for the same with the following fund sharing pattern; TWAD Board and Rural Development and Panchayat Raj Department component costs; and Functional Household Tap Connections to be provided :

Table-1: Retrofitting of existing Combined Water Supply Schemes (6 nos.)

Agenda. No.	Name of the scheme	Rs. in crore											
		Proposed			Approved								
		TWAD Board	RD & PR Dept	Total Project Cost	TWAD Board	RD & PR Dept	Total Project Cost	FHTCs	GoI Share	GoTN share	Community Contribution	Total	Centage Charges (To be borne by Go TN)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
2	Retrofitting of existing CWSS to 136 Fluoride affected habitations and 604 way-side habitations in Kadayampatty and 3 other unions of Salem district	43.53	42.10	85.63	43.53	37.04	80.57	56,110	36.68	36.67	3.26	76.61	3.96
3	Retrofitting of existing CWSS to Muthur and 5 other TPs Vellakoil, Kangeyam and Dharapuram Municipalities and 1790 rural habitations of 86 other Village Panchayats in Tiruppur, Karur and Erode districts	59.32	2.68	62.00	59.32	2.97	62.29	2,849	28.48	28.49	0.28	57.25	5.04
4	Retrofitting of existing CWSS to Amoor and 51 habitations in Musiri union of Trichy district (Formerly CWSS to Amoor and 59 habitations in Musiri union of Trichy district.)	11.41	0.34	11.75	11.41	0.24	11.65	330	5.30	5.29	0.02	10.61	1.04
5	Retrofitting of existing CWSS to Moovanur and 29 habitations in Musiri & Mannachanallur union of Trichy district (Formerly CWSS to Moovanur and 44 habitations in Musiri & Mannachanallur union of Trichy district).	10.82	0.40	11.22	10.82	0.40	11.22	568	5.10	5.10	0.04	10.24	0.98
6	Retrofitting of CWSS to 100 habitations in Anthanallur and Manapparai union of Trichy district (Formerly CWSS to 141 habitations in Anthanallur, Manikandam and Manapparai union of Trichy district.)	15.56	1.59	17.15	15.56	1.59	17.15	2,194	7.80	7.80	0.14	15.74	1.41
8	Retrofitting of existing Ramnad CWSS covering 5 Municipalities 11 Town Panchayats and 3,163 rural habitations in Ramanathapuram, Sivagangai and Pudukottai district.	555.42	22.41	577.83	555.42	19.00	574.42	13,577	259.35	259.35	1.76	520.46	53.96
Sub Total		696.06	69.52	765.58	696.06	61.24	757.30	75,628	342.71	342.70	5.50	690.91	66.39

Table-2: New Multi Village Schemes / Combined Water Supply Schemes (6 Nos.):

Agenda No.	Name of the scheme	(Rs. in crore)											
		Proposed Component			Approved								
		TWAD Board	RD & PR Dept	Total Project Cost	TWAD Board	RD & PR Dept	Total Project Cost	FHTCs	GoI Share	Go TN share	Community Contribution	Total	Centage Charges (To be borne By GoTN)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
7	Combined Water Supply Improvement Scheme to 174 rural habitations in Manikandam and Andhanallur unions of Tiruchirappalli dist.	122.36	3.83	126.19	115.37	3.85	119.22	6,694	54.42	54.42	0.36	109.20	10.05
9	CWSS to 214 rural habitations in Budalur Thiruvaiyaru (part) and Thanjavur (part) unions and bulk supply to Sastra university in Thanjavur district.	250.17	15.12	265.29	233.56	15.11	248.67	17,075	113.51	113.51	1.33	228.35	20.32
10	CWSS to Nallathur and 15 other Habitations of Nallathur, N.N.Kandigal and Poonimangadu panchayats in Thiruvelangadu Union of Thiruvallur dist.	3.88	0.16	4.04	3.88	0.16	4.04	248	1.84	1.84	0.01	3.69	0.35
11	CWSS to 20 rural habitations in Srivai kundam Union of Thoo thukudi district with river Tamiraparani as source.	14.10	2.68	16.78	12.80	2.68	15.48	4,457	7.03	7.03	0.25	14.31	1.17
12	CWS Imp. Scheme to 88 habitations in Kottama patti and Melur unions in Madurai district by augmenting the source of existing Melur CWSS with river Cauvery.	105.40	32.46	137.86	98.00	29.18	127.18	30,009	58.08	58.08	2.92	119.08	8.10
13	CWS Imp. Scheme to 236 rural habitations in T.Kallupatty and Seda patty unions in Andipatty Sedapatty CWSS of Madurai district by delinking the existing beneficiaries of Kallikudi, Chellampatty and Thirumangalam unions.	224.24	46.96	271.20	200.57	39.88	240.45	44,831	109.83	109.83	3.99	223.65	16.80
Sub Total		720.15	101.21	821.36	664.18	90.86	755.04	1,03,314	344.71	344.71	8.86	698.28	56.76
Total for 6 new MVS and Retrofitting of 6 MVS schemes		1416.21	170.73	1586.94	1360.24	152.10	1512.34	1,78,942	687.42	687.41	14.36	1389.19	123.15

4. The Mission Director, Jal Jeevan Mission and the Managing Director, TWAD Board has also stated that the retrofitting of the 6 existing Combined Water Supply Schemes and 6 new Multi Village Schemes also comprise centage charges to Tamil Nadu Water Supply and Drainage Board for implementation, which has to be borne by the State Government over and above the State Matching Share as these could not be funded under Jal Jeevan Mission.

5. The Mission Director, Jal Jeevan Mission and the Managing Director, TWAD Board has requested

- (i) to accord administrative sanction for retrofitting of 6 Combined Water Supply Scheme listed in the 'Table-1' on para-3 above and fund tie-up for a total amount of Rs.690.91 crore including community contribution under Jal Jeevan Mission and Rs.66.39 crore towards centage under additional State funds; and
- (ii) to accord administrative sanction for 6 new Multi Village Schemes in the 'Table-2' on para-3 above and fund tie-up for a total amount of Rs.698.28 crore including community contribution under Jal Jeevan Mission and Rs.56.76 crore towards centage under additional State funds.

6. The Government, after careful examination of the proposal of the Mission Director, Jal Jeevan Mission & the Managing Director, TWAD Board, accord administrative sanction for (i) retrofitting of existing 6 numbers of Combined Water Supply Schemes at a total cost of Rs.757.30 crore (Government of India share - Rs.342.71 crore; Government of Tamil Nadu share - Rs.342.70 crore; community contribution - Rs.5.50 crore; and centage charges - Rs.66.39 crore) with the funding pattern as detailed in the table-1 in para-3 above; and (ii) 6 new Combined Water Supply Schemes (Multi Village Schemes) at a total cost of Rs.755.04 crore (Government of India share - Rs.344.71 crore; Government of Tamil Nadu share - Rs.344.71 crore; community contribution - Rs.8.86 crore; and centage charges - Rs.56.76 crore) with the funding pattern as detailed in the table-2 in para-3 above and order accordingly.

7. It is also ordered that centage charges amounting to Rs.123.15 crore (Rs.66.39 crore + Rs.56.76 crore) shall be borne by the Government of Tamil Nadu.

8. This order issues with the concurrence of Finance Department vide its U.O.No.63/ADS(PW)/Finance (MAWS)/2022, Dated: 26.07.2022.

(BY ORDER OF THE GOVERNOR)

**SHIV DAS MEENA
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT.**

To

The Mission Director, State Water & Sanitation Mission / Jal Jeevan Mission & Managing Director, TWAD Board, Chennai-600 005.
The Director of Rural Development and Panchayat Raj, Chennai-600 015.
The District Collectors, Salem, Tiruppur, Karur, Erode, Tiruchirappalli, Thanjavur, Thiruvallur and Madurai.
The Engineering Director, TWAD Board, Chennai-600 005.

Copy to:

The Accountant General, Chennai- 600 018.
The Pay and Accounts Office, (South), Chennai- 600 035.
The Hon'ble Chief Minister's Office, Chennai-600 009.
The Senior Personal Assistant to the Hon'ble Minister (Municipal Administration), Secretariat, Chennai-600 009.
The Senior P.A. to the Hon'ble Minister (Rural Development), Chennai-600 009.
The Principal P.S. to the Chief Secretary to Government, Chennai-600 009.
The Senior P.S to the Additional Chief Secretary to Government, Municipal Administration and Water Supply Department, Chennai-600 009.
The Pr. P.S. to Additional Chief Secretary to Government, Finance Department, Chennai-600 009.
The Principal P.S. to Principal Secretary to Government, Rural Development and Panchayat Raj Dept., Chennai-600 009.
Municipal Administration and Water Supply (OP.2) Department, Chennai-9.
The Finance (MAWS / RD&PR / BGM) Department, Chennai-600 009.
The National Informatics Centre, Secretariat, Chennai - 600 009.
Stock file / Spare Copy.

//Forwarded by order//

Shiv Das Meena
SECTION OFFICER.