

चेन्नै - एन्नूर पोर्ट रोड कं. लि.

CHENNAI - ENNORE PORT ROAD CO. LTD.,

(भारतीय राष्ट्रीय राजमार्ग प्राधिकरण की अनुषंगी)

(A SPV of National Highways Authority of India)

"श्री टावर, 3rd मंजिल, DP -34 (SP), इंडस्ट्रियल एस्टेट, गिंडी, चेन्नै - 600032

'SRI TOWER' 3rd Floor, DP 34 (SP) Industrial Estate Guindy, Chennai - 600 032.

दूरभाष/Phone : 91 - 44 - 2225 1885

फैक्स/Fax : 91 - 44 - 2225 1895

ईमेल/E-mail : chennai@nhai.org

chennaipiu@gmail.com

CEPC/PRO/2021/PIU.Chennai/2642

24th November, 2021

Invitation of Public Comments

Sub: CEPRCL, Chennai – Proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by Open Trench Method – Reg.

The proposal is regarding for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by Open Trench Method submitted to this office by the Superintending Engineer (P)-VI, CMWSSB, Chennai letter No. CMWSSB/SE(P)VI/EE(P)/III/CRRT (Ph-1)/P-34 dated 08.11.2021.

2. The details of proposal are as under:

a. The above proposal pertains to the laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by Open Trench Method.

b. The available width of ROW from 30.0 m on RHS from existing centre line.

3. The Superintending Engineer (P)-VI, CMWSSB, Chennai has furnished an undertaking to accept any claims raised by the Concessionaire if any and the same will be paid by them and furnished undertaking not to damage other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.

4. As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016, the proposal submitted by the Superintending Engineer (P)-VI, CMWSSB, Chennai will be made available for 30 days seeking public comments/ objections and the comments shall be furnished within 30 days from the day of closure of public objections.

[Contd..2]




-2-

In view of the above, comments of the public on the above proposal are invited and may be sent to the below mentioned address:

The Project Director
National Highways Authority of India
(Ministry of Road, Transport & Highways)
SRI Tower, 3rd Floor
DP - 34 (SP), Industrial Estate,
Guindy - Chennai-600 032.

Yours faithfully,

Encl: As Above.



(S.Janakumaran)
DGM (Tech.) & Project Director,
PIU, NHAI, Chennai

Copy to:

1. Web-admin, NHAI HQ, New Delhi – For uploading in NHAI website
2. The NIC, New Delhi - for uploading in the Ministry's website.
3. Regional Officer, NHAI, RO, Chennai – for kind information.



SUPERINTENDING ENGINEER (P.VI)

CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD

Lr. No: CMWSSB/S.E(P)VI/E.E(P)III/CRRT (Ph-1)/P-34

Date: 08.11.2021

To

The Project Director,
National Highways Authority of India,
Sri Tower, 3rd Floor, Developed plots-34,
(South Phase), Industrial Estate,
Guindy, Chennai – 600 032.

Sir,

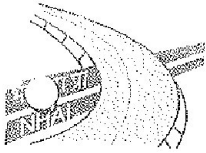
Sub: CMWSSB - SE(P)VI - EE(P)III - CRRT(Phase-I) works – Package 34 – Supplying and Laying of 200mm dia CI pumping main from Periyamettupalayam SPS to South Mada Street SPS, K.R.Ramasamy Nagar SPS to Kilijosium Nagar SPS and Sadayankuppam Baatai SPS to South Mada Street SPS in Area-I – Proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method – Proposal resubmitted – NOC Requested – Reg.

- Ref: 1. WO No. CMWSSB/CNT/SEW/CRRT/ PHASE-I/068/2019-20, dt. 18.02.2020
2. Lr. No: CMWSSB/SE(P)VI/EE(P)III/CRRT (Ph-1)/P-34, dt: 01.03.2021
3. NHAI/CEPC/PRO/2019/PIU.Chennai/639, dt: 15.03.2021
4. Lr. No: CMWSSB/SE(P)VI/E.E(P)III/CRRT (Ph-1)/P-34, dt: 10.03.2021
5. NHAI/CEPC/PRO/2021/PIU.Chennai/790, dt: 31.03.2021
6. Lr. No: CMWSSB/SE(P)VI/EE(P)III/CRRT (Ph-1)/P-34, dt: 15.04.2021
7. NHAI/CEPC/PRO/2021/PIU.Chennai/1657, dt: 12.07.2021
8. Meeting of CMWSSB officials with Project Director in his chamber on 26.07.21
9. Lr. No: CMWSSB/S.E (P) VI/E.E (P) III/CRRT (Ph-1)/P-34, dt: 16.08.2021
10. NHAI/CEPC/PRO/2021/PIU.Chennai/2063, dt: 03.09.2021
11. Lr. No: CMWSSB/S.E (P) VI/E.E (P) III/CRRT (Ph-1)/P-34, Dt.:15.09.2021
12. NHAI/CEPC/PRO/2021/PIU.Chennai/2417, dt: 21.10.2021

With reference to the letter 12th cited above, wherein proposal for laying of 200 mm dia.CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway, Phase –II by Open trench method is resubmitted as per NHAI circular and Model Checklist for Your kind approval.


SUPERINTENDING ENGINEER (P) VI

Encl: Revised Checklist & Sketch



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ROAD TO PROSPERITY

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यालय इकाई - चेन्नई

Project Implementation Unit-Chennai

श्री टावर, 3rd मंजिल, DP-34 (SP) इंडस्ट्रियल एस्टेट, गुइन्दी, चेन्नई - 600 032.

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दूरभाष /Phone : 91 - 44 - 2225 1885

फैक्स /Fax : 91 - 44 - 2225 1895

ईमेल /E-mail : chennai@nhai.org
chennaipiu@gmail.com

25/10/21
537

NHAI/CEPC/PRO/2021/PIU.Chennai/2411

21st October, 2021

To

The Superintending Engineer (P)-VI,
CMWSSB, O/o. SE (P)-VI,
2nd Floor, CMA Building,
R.A. Puram, Chennai - 600 028.

Sub: NHAI, PIU, Chennai - CMWSSB - Proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road by Open Trench Method of Ennore Expressway Phase-II- **Reply furnished - Returned - reg.**

Ref: 1. Your letter No. CMWSSB/SE(P)VI/EE(P)/III/CRRT (Ph-1)/P-34 dt. 15.09.2021.
2. TL, M/s. TNRDC., mail dt. 08.10.2021.

Sir,

With reference to the letter 1st cited above, wherein proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by Open Trench Method.

2. During the Joint Inspection made with CMWSSB officials on 29.09.2021, it was informed to resubmit the proposal as per NHAI Circular and model checklist. In view of the above, the original proposal is returned herewith for further necessary modification and resubmission as stated above.

Encl: as above.

Yours faithfully,


(S. Janakumaran)

**DGM (T) & Project Director,
PIU, Chennai.**

Copy to:

- TL, M/s. TNRDC., for information.

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EE-III
25/10/21
SE(P)-VI
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25/10/21
EE-3



SUPERINTENDING ENGINEER (PVI/EE/III/CRRT (Ph-1)/P-34
CHENNAI METROPOLITAN WATER SUPPLY
AND SEWERAGE BOARD
Lr. No: CMWSSB/SE(P)/VI/EE(P)/III/CRRT (Ph-1)/P-34

Date: 15.09.2021

To

The Project Director,
Chennai-Ennore Port road Co.Ltd,
National Highways Authority of India,
Sri Tower, 3rd Floor, Developed plots-34,
(South Phase), Industrial Estate,
Guindy, Chennai – 600 032.

Sir,

Sub: CMWSSB - SE(P)VI - EE(P)III - CRRT(Phase-I) works – Package 34 –
Supplying and Laying of 200mm dia CI pumping main from
Periyamettupalayam SPS to South Mada Street SPS, K.R.Ramasamy Nagar
SPS to Kilijosium Nagar SPS and Sadayankuppam Baatai SPS to South Mada
Street SPS in Area-I – Proposal for laying of 200mm dia CI pipeline from Km
4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore
Expressway Phase-II by open trench method – Proposal submitted – Returned
with remarks – Reply furnished – NOC Requested – Reg

IN WARD	
NHAI-PIU-CHENNAI	
Date	16/09/21
Dy. No.	1848
PD	
Mgr.(T)	
SE-1	
SE-2	
SE-3	
JAO/Asst	
Steno	
LA	

- Ref: 1. WO No. CMWSSB/CNT/SEW/CRRT/ PHASE-I/068/2019-20, dt. 18.02.2020
2. Lr. No: CMWSSB/SE(P)/VI/EE(P)/III/CRRT (Ph-1)/P-34, dt: 01.03.2021
3. NHAI/CEPC/PRO/2019/PIU.Chennai/639, dt:15.03.2021
4. Lr. No: CMWSSB/SE(P)/VI/EE(P)/III/CRRT (Ph-1)/P-34, dt: 10.03.2021
5. NHAI/CEPC/PRO/2021/PIU.Chennai/790, dt:31.03.2021
6. Lr. No: CMWSSB/SE(P)/VI/EE(P)/III/CRRT (Ph-1)/P-34, dt: 15.04.2021
7. NHAI/CEPC/PRO/2021/PIU.Chennai/1657, dt:12.07.2021
8. Meeting of CMWSSB officials with Project Director in his chamber on 26.07.21
9. Lr. No: CMWSSB/SE(P)/VI/EE(P)/III/CRRT (Ph-1)/P-34, dt: 16.08.2021
10. NHAI/CEPC/PRO/2021/PIU.Chennai/2063, dt:03.09.2021

Kind attention is invited to the discussion made in the meeting of officials of CMWSSB Board with Project Director at his chamber on 26.07.2021. During discussion, Project Director was appraised that the proposed pipeline diameter is only 200mm and width of trench to be cut open shall be minimized to 400mm by manual excavation.

During the discussion, it was requested to permit CMWSSB to lay the pipe by open cut method from Km 4+300 to Km 4+800 at the edge of the service road considering the fact that the traffic on the service road will not be hampered. Moreover it was also informed that adopting HDD method has not been considered for the laying of pipeline along the road and was not envisaged in the original contract agreement of the subject work as it is not economical.

Based on the discussion, the Project Director, NHAI informed CMWSSB to submit the proposal for open cut method from Km 4+300 to Km 5+400 and the proposal will be permitted subject to the condition that the portion from Km 4+300 to Km 4+800 where pipeline to be laid at the edge of service road, the service road to be restored to the original condition and estimate amount for the restoration to be deposited by CMWSSB before issuing permission and from Km 4+800 to Km 5+400 where pipe is to be laid beyond the service road has to be backfilled and compacted to its original condition.

Accordingly, the proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method, was submitted vide reference 9th cited.

However, in the reference 10th cited, CMWSSB has been requested to resubmit the proposal by adopting HDD method from Km 4+300 to Km 4+800 and open cut method from 4+800 to Km 5+400. Further it was informed that the checklist furnished with the proposal is not as per the Ministry guidelines.

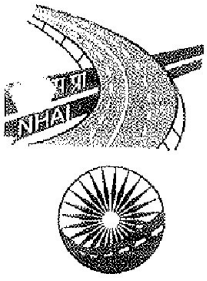
In regard of adopting HDD method from Km 4+300 to Km 4+800, it is reiterated that the proposed 200mm dia pipeline shall be laid at the edge of the service road without any hindrance to the traffic movement and CMWSSB will deposit the estimate amount towards restoration of the service road to the original condition.

Further, it is informed that the subject work is taken up under CRRT (Phase I) works to mitigate the discharge of sewage into the sea from K R Ramasamy Nagar SPS through nearby port container terminal which needs to be diverted to the Kilijosium Nagar SPS through proposed 200mm dia pumping main immediately to avoid criticism from public & to comply the NGT norms. In addition, the progress of works taken up under CRRT is being monitored by the Chief Secretary of TamilNadu on monthly basis to ensure the mitigation of sewage outfalls to water bodies which is the top most priority of the Government of TamilNadu.

In view of above, it is once again requested to accept the request of CMWSSB for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method and to inform the road cut restoration charges so as to enable CMWSSB to make payment and to commence the work at the earliest.

Encl: Proposal document in duplicate

W. Jall
16/9/24
SUPERINTENDING ENGINEER (P) VI



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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, चेन्नई

Project implementation Unit-Chennai

श्री टावर, 3rd मंजिल, DP-34 (SP) इंडस्ट्रियल एस्टेट, गिंदी, चेन्नई - 600 032.

'SRI TOWER' 3rd Floor, DP 34 (SP) Industrial Estate, Guindy, Chennai - 600 032.

दूरभाष /Phone : 91 - 44 - 2225 1885

फैक्स /Fax : 91 - 44 - 2225 1895

ईमेल /E-mail : chennai@nhai.org
chennaipiu@gmail.com

NHAI/CEPC/PRO/2021/PIU.Chennai/2063

To

The Superintending Engineer (P)-VI,
CMWSSB, O/o. SE (P)-VI,
2nd Floor, CMA Building,
R.A. Puram, Chennai - 600 028.

3rd September, 2021

6.9.21
A9

Sub: NHAI, PIU, Chennai - CMWSSB - Proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road by Open Trench Method of Ennore Expressway Phase-II- **Reply furnished - Returned - reg.**

Ref: 1. Your letter No. CMWSSB/SE(P)VI/EE(P)/III/CRRT (Ph-1)/P-34 dt. 16.08.2021.
2. TL, M/s. TNRDC., letter No. TNRDC/NHAI/EMRIP/2131/21 dt. 25.08.2021.

Sir,

With reference to the letter 1st cited above, wherein proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by Open Trench Method.

2. During the site inspection, it was observed that the following:
- For a length of 500m from Km 4/300 to Km 4/800 there is no land available and hence HDD Method shall be adopted.
 - Further, from Km 4/800 to Km 5/400 there is land available beyond carriageway and so the pipeline can be laid in that stretch beyond service road back filled and compacted.
 - The check list furnished with the proposal is not as per the Ministry guidelines.

Hence, the original proposal is returned herewith for further necessary modification and resubmission as stated above.

Encl: as above.

Yours faithfully,



(S. Janakumaran)

DGM (T) & Project Director,
PIU, Chennai.

EE-III
4. 3/9/21
S.E(P)-VI
Copy to:

AEE
3/9/21
EE III

- TL, M/s. TNRDC., for information.

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**SUPERINTENDING ENGINEER (P) VI
CHENNAI METROPOLITAN WATER SUPPLY
AND SEWERAGE BOARD**

Lr. No: CMWSSB/SE(P)VI/EE(P)III/CRRT (Ph-1)/P-34

Date: 16.08.2021

To

The Project Director,
Chennai-Ennore Port road Co.Ltd,
National Highways Authority of India,
Sri Tower, 3rd Floor, Developed plots-34,
(South Phase), Industrial Estate,
Guindy, Chennai – 600 032.

Sir,

Sub: CMWSSB - SE(P)VI - EE(P)III - CRRT(Phase-I) works – Package 34 – Supplying and Laying of 200mm dia CI pumping main from Periyamettupalayam SPS to South Mada Street SPS, K.R.Ramasamy Nagar SPS to Kilijosium Nagar SPS and Sadayankuppam Baatai SPS to South Mada Street SPS in Area-I – Proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method – Proposal submission – Permission - Requested – Reg

- Ref: 1. WO No. CMWSSB/CNT/SEW/CRRT/ PHASE-I/068/2019-20, dt. 18.02.2020
2. Lr. No: CMWSSB/SE(P)VI/EE(P)III/CRRT (Ph-1)/P-34, dt: 01.03.2021
3. NHAI/CEPC/PRO/2019/PIU.Chennai/639, dt:15.03.2021
4. Lr. No: CMWSSB/SE(P)VI/EE(P)III/CRRT (Ph-1)/P-34, dt: 10.03.2021
5. NHAI/CEPC/PRO/2021/PIU.Chennai/790, dt:31.03.2021
6. Lr. No: CMWSSB/SE(P)VI/EE(P)III/CRRT (Ph-1)/P-34, dt: 15.04.2021
7. NHAI/CEPC/PRO/2021/PIU.Chennai/1657, dt:12.07.2021

Kind attention is invited to the discussion made in the meeting with the officials of CMWSS Board at your chambers on 26.07.2021. As discussed and instructed, the proposal for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method, as per the Ministry Guidelines, is enclosed in triplicate for perusal and further processing.

Hence, it is requested to accord permission for laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method permit at the earliest.

U. Jagan
16/8/21

SUPERINTENDING ENGINEER (P) VI

**PROPOSAL FOR LAYING OF 200mm DIA CI PIPELINE FROM Km
4+300 to Km 5+400 ON THE RHS AT THE EDGE/BEYOND SERVICE
ROAD OF ENNORE EXPRESSWAY PHASE-II BY OPEN TRENCH
METHOD**

**NAME OF WORK: "Package-34 – Supplying and Laying of 200mm dia CI pumping
main from Periyamettupalayam SPS to South Mada Street SPS, K.R.Ramasamy
Nagar SPS to Killjosium Nagar SPS and Sadayankuppam Baatai SPS to South
Mada Street SPS in Area-I"**

**CHECK LIST FOR GETTING APPROVAL FOR LAYING OF 200mm DIA CI PIPELINE FROM
Km 4+300 to Km 5+400 on RHS AT THE EDGE/BEYOND SERVICE ROAD OF ENNORE
EXPRESSWAY PHASE-II BY OPEN TRENCH METHOD ON NH LAND**

Guidelines for Project Directors for processing the proposal for laying of 200mm dia CI pipeline
from km 4+300 to km 5+400 on RHS at the edge/beyond service road of Ennore Expressway
Phase-II by open trench method in land along Highway vested with NHAI

S. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and address of the Applicant/agency	CMWSSB	
1.2	National Highway number	SH 1 (Suryanarayana Road)	
1.3	State	TamilNadu	
1.4	Location	Tiruvotriyur	
1.5	Chainage in Km.	km. 4+300 to km 5+400 (on Service Road - RHS of Ennore Expressway, Phase-II)	
1.6	Length in Meters	Along the Service Road - 1100.00 Mtr	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage / Km direction	18.40m	
	(b) Right side from center line towards increasing chainage/Km direction	16.90m (varies)	
1.8	Proposal to lay underground utility		
	(a) Left side from center line towards increasing chainage/km direction	-	
	(b)Right side from center line towards increasing chainage/km direction	15.90m	
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	Yes	
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 (2+2) lanes	
1.13	Proposed number of lanes (2lane with paved shoulders 4/6/8 lanes)	-	
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a)Left side from center line	7.50m	
	(b)Right side from center line	7.50m	

1.15	Proposed Service road		
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.16	Whether proposal to lay water / sewage pipe line is after the service road or between the service road and main carriageway	At the Edge/beyond Service road	
1.17	The permission for laying of water pipe line shall be considered for approval / rejection.		
	(a) Carrying of sewage /gas pipelines on highway bridges shall not be permitted as fumes/gases pipelines can accelerate the process of corrosion or may cause explosions, thus being much more injurious than leakage of water.	NA	
	(b) Carrying of sewer lines on bridges shall also be discourages. However, if the water supply 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, support 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.	NA	
	(C) Cost of required extension of the sub-structure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.	NA	
	(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.	NA	
1.18	No. of applicants on the same stretch	NO	
1.19	Whether the case of multiple licenses	NO	
1.20	If so furnish a joint implementation program to lay	NA	
	(a) Existing drainage structures shall not be allowed to carry the lines	NA	
	(b) Is it on a line normal to NH.	NO	
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15meter. What is the distance from the existing structure.	NA	
	(d) The casing pipe (or conduit pipe in the case of electric cable) 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.	NA	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as drainage path	NA	

	(f)The casing/ conduit pipe should as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	NA	
	(g)The top of the casing /conduit pipe should be atleast 1.2mt below the surface of the road subject to being atleast 0.3 below the drain inverts.	NA	
	(h) Crossing shall be by boring method (HDD) specially where the existing road pavements is of cement concrete or dense bituminous concrete type	NA	
	(i)The casing /conduit pipe shall be installed with an even beating throughout its length and in such a manner as to prevent the formation of a waterway along it	NA	
2	Document/ Drawings enclosed with the proposals.		
2.1	Cross-section showing the size of the trench for open trenching method (is it normal size 1.2m deep 0.3m wide)	Yes	
	(i)Should not be greater than 60cm wider than the outer diameter of the pipe.	Yes	
	(ii)Located as close to the extreme edge of the right-of-way as possible but not less than 15meter from the centre-lines of the nearest carriageway.	Yes	
	(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.	NA	
	(iv) These should be so laid that their top is atleast 0.6meter below the ground level so as not to obstruct drainage of the road land.	Yes	
2.2	Cross-section showing the size of pit and location of cable for HDD method.	NA	
2.3	Strip plan/Route plan showing sewer pipe line, chainage, width of ROW important mile stone intersections cross drainage works etc.	Route plan drawing enclosed.	
2.4	Methodology for laying of showing sewer pipe line.	Yes	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes methodology of refilling of trench.	Yes	
	(a)The trench width should be at least 30cm, but not more than 60cm wider than the outer diameter of the pipe.	Yes	
	(b)For filling of the trench bedding shall be to neither a depth of nor less than 30 cm. it shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Yes	

	(c) The backfill shall be completed in two stages (i) side-fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Yes	
	(d) The side fill shall consist of granular material laid in 15cm 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	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 depth at the trench.	Yes	
	(f) The excavation shall be protected by flagman, signs and barricades and red light 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	No	
2.4.3	Laying of sewer pipe line through CD works and method of laying.	Not applicable	
	(a) On approaches the water mains/cable shall be carried along a line as close to the edge of the right-of-way as possible up to a distance of 30m from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter Mo.NH-HI/P/66/76, Dt 19.11.1976	NA	
3	Draft License Agreement signed by two witnesses	Yes	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs.100/- per running meter (parallel to NH) and Rs.1,00,000/- per crossing of NH for a period of one year initially (extended 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		
4.1	Performance BG as per above is to be obtained	Shall be submitted on approval	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.		
5	Affidavit / Undertaking from the Applicant for	Yes	
5.1	Not to damage to other utility if damages then to pay the losses either to NHAI or to the concerned agency.	Yes	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirming all standard conditions of NHAI guidelines	Yes	

5.4	Shifting of sewer pipe line as and when required by NHAI at their own cost	Yes	
5.5	Shifting due to 6- laning/ widening of NH	Yes	
5.6	Indemnity against all damages and claims clause(xxiv)	Yes	
5.7	Traffic movement during laying of sewer pipe line to be managed by the applicant.	Yes	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alternations to the showing in the National Highway right-of ways	Yes	
5.10	Expenditure, if any incurred by NHAI for repairing any damage caused to the NH by the laying, maintenance or shifting of the sewer pipe line will be borne by the agency owning the line.	Yes	
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	
5.12	Certificate from the applicant in the following format (i) Laying of sewer pipe line will not have deleterious effects of any of the bridge components and roadway safety for traffic. (ii) for 6-laning "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".	Yes N/A	
6	Who will sign the agreement on behalf of sewer pipe line agency	SE (P) VI, CMWSSB	
7	Certificate from the project Director		
7.1	Certificate for confirming of all standard condition issued vide 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 17.09.03.		
7.2	Certificate from PD in the following format i. "it is certified that any other location of the sewer pipe line would be extremely difficult and unreasonable costly and the installation of sewer pipe line within ROW will not adversely affect the design, stability& traffic		

	safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".		
	<p>a. For 6-laning :Where feasibility is available "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"</p> <p>b. In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six laning"</p>		
8	If NH section proposed to be taken up by NHAI on OMT basis- 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 way to the concessionaire under the concession agreement for up gradation of [CBP from km 0/0 to km 32/6 on OMT basis] and therefore the licensee shall honour the same'		
9	Who will supervise the work of laying of sewer / water supply pipe line?	CMWSSB	
10	Who will ensure that the defects in road potion after laying of sewer pipe line are corrected and if not corrected then want action will be taken?	CMWSSB	
11	Who will pay the claims for damages done / disruption in working of concessionaire if asked by the concessionaire?	Contractor	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa (copy enclosed)		
13	If any previous approval is accorded for laying of underground sewer pipe line then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	No	

H. Jais
16/8/24
S.E. (P) VI

Project Director

SUPERINTENDING ENGINEER-VI (P)
C.M.W.S.S. BOARD,
No.1, Pumping Station Road,
Chindadripet, Chennai - 600 002.

NAME OF WORK : "CRRT-Phase I - Package-34 – Supplying and Laying of 200mm dia CI pumping main from Periyamettupalayam SPS to South Mada Street SPS, K.R.Ramasamy Nagar SPS to Kilijosium Nagar SPS and Sadayankuppam Baatai SPS to South Mada Street SPS in Area-I"

PROPOSAL FOR LAYING OF 200mm DIA CI PIPELINE FROM KM 4+300 to KM 5+400 ON RHS AT THE EDGE/BEYOND SERVICE ROAD OF ENNORE EXPRESSWAY PHASE-II BY OPEN TRENCH METHOD

The proposed 200mm dia CI pumping main has to be laid along Ennore Expressway, Phase-II from Km. 4+300 to Km 5+400 on RHS at the edge/beyond the service road for a length of 1100 metres.

S.No.	Description	Length
1	Laying of 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method	1100m
	TOTAL	1100m

The following precautions will be taken up by CMWSSB:

- 1) The proposed pipe laying will be done in all kinds of Soil strata for laying the CI pipe.
- 2) It is proposed to lay about 25m per day during day hours (9am to 6pm) and overall length of 1100m will be completed in 45 days considering the presence of EB cables and other site constraints. It is planned to keep one 3HP, one 5HP and one 10HP dewatering pumps (total 3nos. of pumps) to bail out the seepage water into storm water drain, if any.
- 3) Working methodology to be adopted:

SEQUENCE OF WORK		
S.No.	ACTIVITY	TIME PERIOD
1	Excavation for a length of 25m including BT layer and wet mix to a depth of 1.5m	9:00 am to 6:00 pm
2	Pipe laying	
3	Refilling and compacting the excavated portion	
4	Restoration with M30 Grade P.C.C for a thickness of 400mm or as specified by NHAI	
5	Setting time	

Above methodology will be carried out for all six working days.

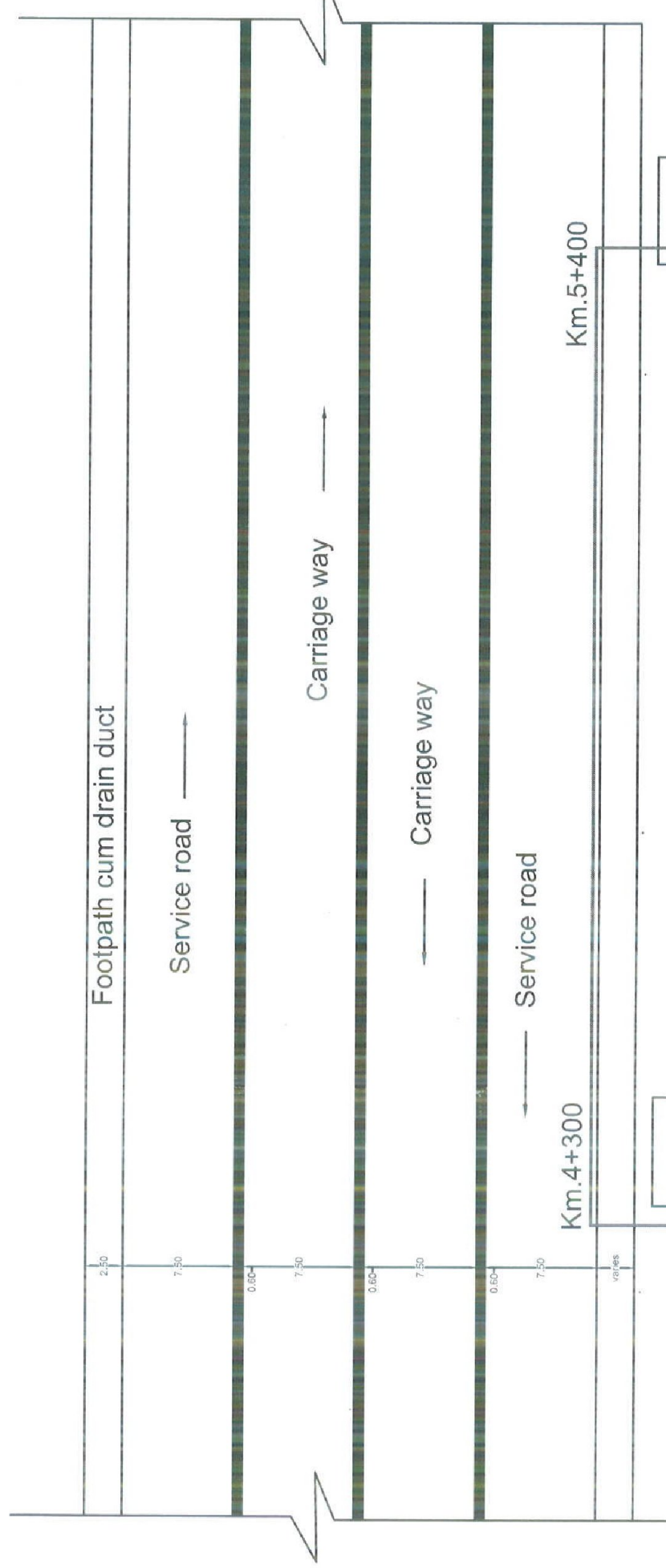
- 4) As pumps are kept standby during pipe laying work, water stagnation will be avoided.
- 5) As the pipes proposed to be laid beyond service road (at the extreme end of service road), it will be ensured that no hindrance caused to the traffic flow.

16/8/21

S.E.(P)VI

SUPERINTENDING ENGINEER-VI (P)
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Chindadripet, Chennai - 600 002.

Sketch showing alignment of proposed 200mm DIA.CI pumping main along Ennore Expressway, Phase II Km. 4+300 to Km. 5+400 at the extreme end of Service road on RHS



Kilijoshium Nagar SPS

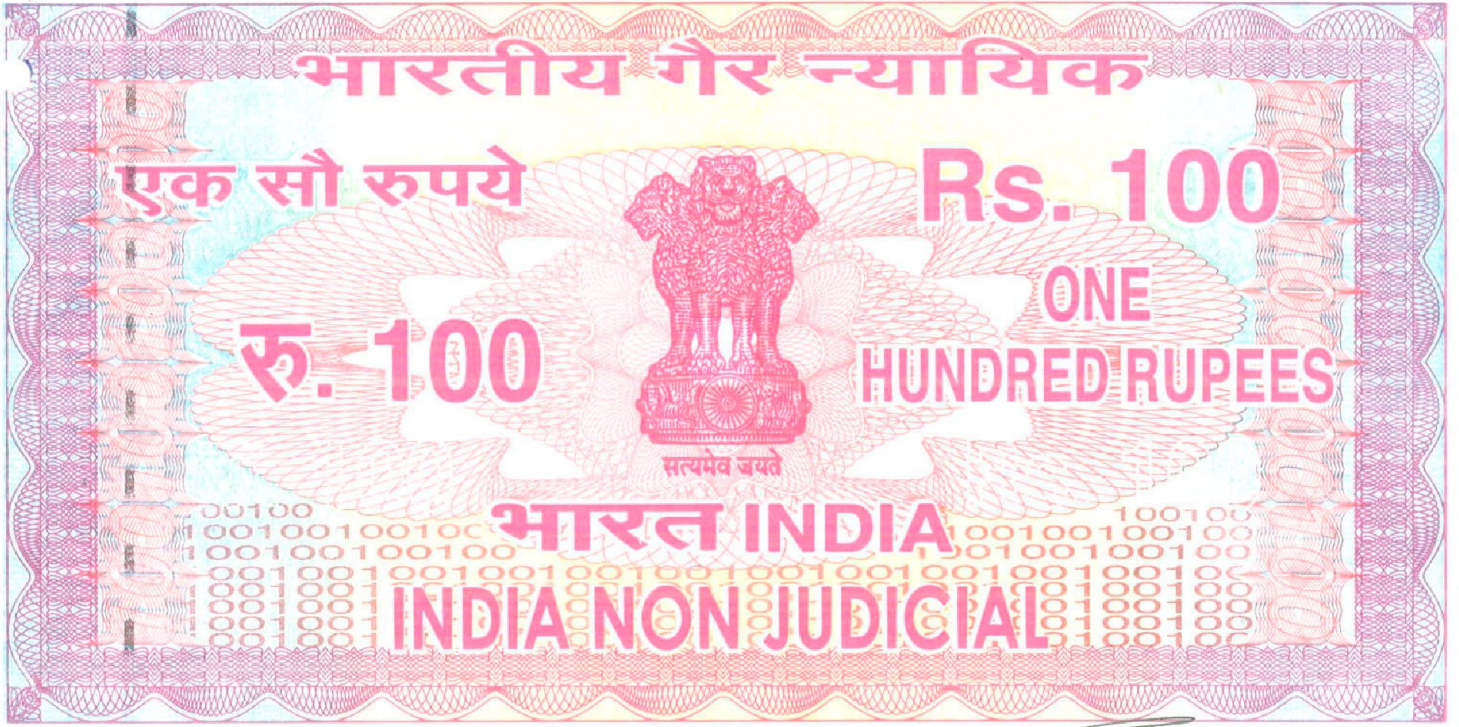
KR Ramasamy
Nagar SPS

SUPERINTENDING ENGINEER-VI (P)
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No.1, Pumping Station Road,
Chindadripet, Chennai - 600 002.

Median

Proposed 200mm dia pipe

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தமிழ்நாடு தமில்நாடு TAMILNADU

7-8-21

SUPERINTENDING ENGINEER
CMWSSB

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CL 118654
G. MANOHARAN
STAMP VENDOR
78, Lakshmi Talkies Road,
Chennai-600030, Tamil Nadu.
License No.C3/2851/80.



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

The Approval is subject to the following conditions as per Ministry of Road Transport & Highways letter No.33044/29/2015/S&R(R) dated 22.11.2016.

Agreement to lay 200mm dia CI pipeline from Km 4+300 to Km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method

This Agreement made this _____ day of _____ (month) of 2021 of (year) between National Highways Authority of India acting in his executive capacity through Project Director (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 the Superintending Engineer (project) V, CMWSSB, No.1 Pumping station road, chintadripet, Chennai-600002.

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SUPERINTENDING ENGINEER-VI (P)
C.M.W.S.S. BOARD,
No.1, Pumping Station Road,
Chindadripet, Chennai - 600 002.

(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 line at Km. 4+300 to Km 5+400 of Ennore Expressway, Phase-II land in 35.30 meters RoW.

Whereas the Licensee proposed to lay 200mm dia CI sewage pumping main (referred to as utility service in subsequent paras)

Whereas the Licensee has applied to the Authority for permission to lay CMW/SSB pumping main pipe line utility services for a length of 1100 meters along Ennore Expressway, Phase-II at the edge/beyond service road on RHS from km. 4+300 TO KM 5+400 in 35.30 meters RoW.

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 witnessed 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 fulfillment 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

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SUPERINTENDING ENGINEER-VI (P)

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Chindadripet, Chennai - 600 002.

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 2.00m 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 meters 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.

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SUPERINTENDING ENGINEER-VI (P)

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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 clearance 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 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 pipes 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 predetermined time schedule and quality standards.

19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route meter / Rs. per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground

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SUPERINTENDING ENGINEER-VI (P)

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Chindadripet, Chennai - 600 002.

installations/utility services and 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 installation/facilities etc. The Licensee shall ensure the safety and security of already existing underground installation/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 installation/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

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SUPERINTENDING ENGINEER-VI (P)

C.M.W.S.S. BOARD,
No. 1, Pumping Station Road,
Chindadripet, Chennai - 600 002.

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 the 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.

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SUPERINTENDING ENGINEER-VI (P)

C.M.W.S.S. BOARD,

No.1, Pumping Station Road,
Chindadripet, Chennai - 600 002.

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 authorized representatives of authority to inspect the project facilities and to investigate any matter within their authority and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in coordination 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:
- Operation, repair and maintenance guidelines given by the manufacturers,
 - The requirements of Law.
 - The physical conditions at the Site, and
 - 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

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SUPERINTENDING ENGINEER-VI (P)
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 No.1, Pumping Station Road,
 Chindadripet, Chennai - 600 002

for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50 m 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. CMWSSB
(LICENSEE)

BY SHRI-----

(Signature, name & address with stamp)

U. Jais
SUPERINTENDING ENGINEER-VI (P)
C.M.W.S.S. BOARD,
No. 1, Pumping Station Road,
Chindadripet, Chennai - 600 007

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. [Signature]
16/08/2021
(J. LAKSHMI DEVI, EE(P) III, o/o. SE(P) VI)

2. [Signature]
16/08/2021
(S. VENNILA, EE(P) V, o/o. SE(P) VI)



7-8-21

SUPERINTENDING ENGINEER (P) VI
CMWSSB

93AB 032958

G. MANOHARAN
STAMP VENDOR
28, Lakshmi Talkies Road,
Chennai-600030, Tamil Nadu.
License No.C3/2851/80.

UNDERTAKING

Subject : Permission for laying of 200mm dia CI pipeline from km 4+300 to km 5+400 on RHS at the edge/beyond service road of Ennore Expressway Phase-II by open trench method

The Superintending Engineer(P)VI, No.75, Santhome High Road, R.A.Puram, Chennai-28., hereby agreed that

1. I undertake that I will pay the fee/rent as mentioned in the ministry's circular No.RW/NH-33044/29/2015-S&R(R) dated 22.11.2016 as and when asked by the NHAI.
2. I will pay a track rent ofand 5 years rent will be paid in advance before executing the License Agreement.

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SUPERINTENDING ENGINEER-VI (P)
C.M.W.S.S. BOARD,
No.1, Pumping Station Road,
Chindadripet, Chennai - 600 002

3. I will pay a security Deposit for an amountfor laying across the road in the form of BG validity up to 5 years from the date of License Agreement.

4. I will shift the utility at their own cost is requested by the Department in case of widening of the road (or) any other purpose.

5. I do undertake that we will relocate service road/approach road/ utilities at Our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six – lane or any other development.

6. I do hereby under taken that necessary alteration including complete removal/ shifting of the pipe line shall be carried out at our own cost if so required by the Ministry for the development of National Highway or in the interest of safety in this selection.

7. I do hereby agree that wherever ROW is not available (restricted to the toe of the embankment pipe lying will be done at the extreme end of land).

8. I also hereby undertake that we shall not lay any other pipe line companies along with ours during the execution of our work.

9. I also undertake that the Traffic Movement will be managed by us during the laying of the pipe line.

10. I also hereby under take that we shall pay any claims raised by the concessionate with respect the damages due to our work.

11. Further we undertake that

- a. Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.
- b. Renewal of Bank Guarantee then and there as required.
- c. Confirming all standard condition of NHAI's guidelines.
- d. Shifting of oil pipe as and when required by NHAI.
- e. Shifting due to 6 laning / widening of NH.
- f. Indemnity against all damages and claims clause (xxiv)

Place: Chennai -28

Date: 16/08/2021


S.E.(P)VI

SUPERINTENDING ENGINEER-VI (P)
C.M.W.S.S. BOARD,
No.1, Pumping Station Road,
Chindadripet, Chennai - 600 026