



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय, मदुरै / Regional Office, Madurai

दूसरा व तीसरा तल, विजय कृष्णा प्लाजा, सं. 1, लेक एरिया, मेलुर मैन रोड, माट्टुतावनी, मदुरै - 625107

2<sup>nd</sup> & 3<sup>rd</sup> Floor, Vijay Krishna Plaza, No. 1, Lake Area, Melur Main Road, Mattuthavani, Madurai - 625107

दूरभाष / Tele : +91-452-2588999 वेब / Website : www.nhai.gov.in ई-मेल / E-mail: romadurai@nhai.org



NHAI/15018/4.6/05/2024/RO Madurai/E-265428/365

6<sup>th</sup> March, 2025

### INVITATION OF PUBLIC COMMENTS

**विषय:** भाराराप्रा - क्षे.का. मदुरै- पकाई, त्रिची -Padalur - Trichy section of NH 45 (New NH 38) - Permission for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeev Nagar Oyamari road Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District - Invitation of Public Comments - Reg.

**प्रसंग :** PD,Trichy Lr. No. NHAI/PD/TRY/NH 38/Retail Outlet/P-T/2024/2159 dated 29.10.2024.

The Proposal is regarding permission for laying of gas pipelines at various Locations of Trichy - Padalur section of NH-45 in the State of Tamil Nadu by M/s IRM Energy Ltd., has been submitted to this office by the PD, PIU, Trichy Lr. No - NHAI/PD/TRY/NH 38/Retail Outlet/P-T/2024/2159 dated 29.10.2024 in accordance with Ministry's latest guidelines dated 22.11.2016.

- The alignment proposed by M/s IRM Energy Ltd., for laying of gas pipelines at various Locations of Trichy - Padalur section of NH-45 is as detailed under:

Chainage		Side	Length (m)	Dia. Of the pipe (m)	Available ROW (in m)	Remarks
From	To					
319/350	321/000	RHS	1590	0.125		Laying of pipe line along the extreme edge of ROW at a distance of 1.5m from ROW edge at a depth of 1.65m from ground level.
319/350	321/000	RHS	1590	0.219		
321/000	322/000	RHS	1000	0.125		
321/000	322/000	RHS	1000	0.219		
322/000	322/284	RHS	284	0.125		
322/000	322/284	RHS	284	0.219		
322/284	323/000	RHS	716	0.125		
322/284	323/000	RHS	716	0.219		
323/000	323/850	RHS	850	0.125		

NHAI/15018/4.6/05/2024/RO Madurai/E-265428/ 365

6<sup>th</sup> March, 2025

323/000	323/850	RHS	850	0.323	54.3 - 60.0	
324/150	326/158	RHS	2008	0.125		
324/150	326/158	RHS	2008	0.323		
321/700	322/000	LHS	300	0.125		
321/700	322/000	LHS	300	0.219		
322/000	322/320	LHS	320	0.125		
322/000	322/320	LHS	320	0.323		
326/100	326/158	LHS	58	0.125		
326/100	326/158	LHS	58	0.323		
320.210		chamber	0.95	0.95		
321.215		chamber	0.95	0.95		
321.850		chamber	2.69	1.9		
322.100		chamber	2.8	1.9		
322.195		chamber	0.95	0.95		
322.211		chamber	0.95	0.95		
323.211		chamber	0.95	0.95		
324.206		chamber	0.95	0.95		
324.650		chamber	2.8	1.9		
325.200		chamber	0.95	0.95		
322/320		crossing	60	0.609	60	Laying of pipe line across by HDD Method at a varying depth of minimum 1.65 m from top of the subgrade.
322/320		crossing	60	0.250	60	
326/100		crossing	60	0.406	60	
326/100		crossing	60	0.250	60	

3) M/s IRM Energy Ltd., has proposed for laying of gas pipelines at various Locations of Trichy - Padalur section of NH-45 in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) M/s IRM Energy Ltd., has furnished an Undertaking to the effect that the applicant will shift the laid water pipeline in future within 90 days if required by NHAI at any time for expansion of the NH at their own cost without claiming any compensation from NHAI. Further, mentioned that M/s IRM Energy Ltd., will also undertake not to damage any other utility, if damaged, will pay the losses either to NHAI or to the concerned agency.



NHAI/15018/4.6/05/2024/RO Madurai/E-265428/ 365

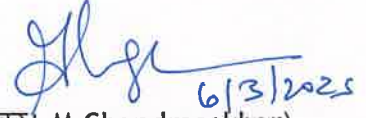
6<sup>th</sup> March, 2025

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

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

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

भवदीय



(एम चंद्रशेखर | M Chandrasekhar)

उप महा प्रबंधक(तक) | Dy. General Manager (Tech)  
क्षे.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

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



# 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 : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
 No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001  
 दूर / Tele: +91-431 2482959 वेब / Web: www.nhai.org ई-मेल / E-mail: tri@nhai.org, trichynhai@gmail.com



E-Office No.

NHAI/PD/TRY/NH 38/Retail Outlet/P-T/2024/2159

October 29, 2024.

To

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

Sub: NHAI - PIU Trichy - Padalur - Trichy section of NH 45 (New NH 38) - Permission for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeev Nagar oyamari road Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District - In principle approval - Requested -Reg.

- Ref:
1. MoRTH Application No.20240608/1/12/18914/8828.
  2. M/s.IRM Energy Lr. No.IRMEL/TRICHY/CGD/PNG/NHAI(45)/2024-25/002dt.07.06.2024 (Received on 10.06.2024)
  3. T. O. Lr. No. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1119 dt.10.06.2024.
  4. Concessionaire Lr. No. TPTPL/O&M/2024/165/IE dt.29.06.2024.
  5. TL, M/s. FIPL Lr. No. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/174 dt.05.07.2024
  6. T. O. Lr. No. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1341dt.08.07.2024.
  7. M/s.IRM Energy Lr. No. IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/041 dt.26.07.2024.
  8. T. O. Lr. No. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1476 dt.29.07.2024.
  9. TL, M/s. FIPL Lr.No. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/242 dt.17.08.2024.
  10. M/s.IRM Energy Lr. No. IRMEL/TRICHY/CGD/PNG/NHAI(45)/2024-25/049 dt.24.08.2024.
  11. T. O. Lr. No. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1770 dt.06.09.2024.
  12. TL, M/s. FIPL Lr.No. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/292 dt.16.09.2024.
  13. M/s.IRM Energy Lr. No. IRMEL/TRICHY/CGD/PNG/NHAI(45)/2024-25/068 dt.15.10.2024.

Sir,

The General Manager - PNG Projects, M/s.IRM Energy, Gujarat submitted proposal vide MoRTH Application No.20240608/1/12/18914/8828 and vide letter cited under reference 13<sup>th</sup> above, submitted revised proposal for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeev Nagar oyamari road Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy District in Padalur - Trichy section of NH 38 and requested for in-principle approval.

2. The Team Leader, M/s. Feedback, Trichy along with concessionaire and representative of M/s.IRM Energy, Gujarat conducted joint inspection submitted their report vide letters cited under reference 5<sup>th</sup> & 9<sup>th</sup> above and recommended the proposal subject to the following conditions. Compliance report submitted by the agency vide letters cited under references 10<sup>th</sup> & 13<sup>th</sup> above are stipulated below:

15  
29/10/24





S.	Observations made by Team Leader	Compliance submitted by applicant
1	The presence of a ROB (km.323/850 to km.324/150) in the location of Ariyamangalam requires obtaining permission from the relevant authorities at the Railway Department before commencing any work at the site.	Required permission will be obtained from concerned department, before commencing the work.
2	The applicant has mentioned a depth of MDPE gas pipeline as 1.5 meters in Section A-A on LHS and in same section A-A it is mentioned as 1.65m on RHS. Similarly, the exact depth of 12"/8" steel gas pipeline is not mentioned in the typical trench section drawing.	Revised drawings have been enclosed.
3	IE instructed to mention the exact depth of proposed MDPE gas pipeline to be laying in typical cross section drawing and the depth of 12"/2" steel gas pipeline in typical trench section drawing	Complied. Revised typical trench details drawing has been enclosed.

The applicant has now furnished the details duly indicating in the drawing. The drawings were duly signed by Project Director, PIU Trichy are enclosed.

3. In view of the above, the chamber portion location of the proposed gas pipeline of NH are detailed as under:

Chainage wise Steel and MDPE Valve chamber Details					
323.9 MM (12 Inch) Valve Chamber Details with Chainage					
S.No	Chainage	Valve Dia(mtr)	Length(mtr)	Width(mtr)	Remarks
1	321.850	0.3239	2.685	1.9	Refer Drawing no. 7 (12" ISOLATION VALVE CHAMBER)
219.1 MM (8 Inch)Valve Chamber Details with Chainage					
S.No	Chainage	Valve Dia	Length	Width	Remarks
1	322.100	0.2191	2.8	1.9	Refer Drawing no. 8 (8" FUTURE TAP OFF VALVE CHAMBER (FT-03))
2	324.650	0.2191	2.8	1.9	
125 MM Valve Chamber Details with Chainage					
S.No	Chainage	Valve Dia(mtr)	Length(mtr)	Width(mtr)	Remarks
1	320.210	0.125	0.95	0.95	Refer Drawing no. 9 (TYPICAL DETAILS OF RCC VALVE CHAMBER WITH FRAME AND COVER)
2	321.215	0.125	0.95	0.95	
3	322.195	0.125	0.95	0.95	
4	322.211	0.125	0.95	0.95	
5	323.211	0.125	0.95	0.95	
6	324.206	0.125	0.95	0.95	
7	325.200	0.125	0.95	0.95	

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

- The works shall be carried out strictly as per the drawing submitted by applicant.
- The laying gas pipeline along road should be at the depth of minimum 1.65m.
- All the existing utilities are to be checked and 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.
- 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.

AS  
29/1/24



- v. NHAI has every right to cancel the permission given, without assigning any reason.
- vi. The applicant shall shift the gas pipeline at an alternate location whenever NHAI make a request for the shifting of the same within 90 days from the receipt for which a fresh undertaking may also be obtained in stamp paper.
- vii. Performance BG towards restoration charges for Rs.38,23,000/- 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 NHAI guidelines before entering into the agreement. In case of improper restoration after laying, BG shall be forfeited.
- viii. The applicant shall pay Rs.47,59,600/- towards license fee for 5 years through Bharatkosh portal and furnish the receipt.
- ix. Wherever the live trees involved in the laying work of gas pipeline and to be cut down only after obtaining permission from the Revenue Authority and valuation report from the forest department and the trees to be cut in the presence of concessionaire / consultant.

4. a) The license fee has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 & 24.04.2023, based on the highest prevailing guideline rate of the village, after taking as detailed below:

Detailed calculations were enclosed as Annexure - I

License Fee for 1 <sup>st</sup> year	Rs.8,44,335.66
License Fee for 2 <sup>nd</sup> year	Rs.8,94,995.79
License Fee for 3 <sup>rd</sup> year	Rs.9,48,695.54
License Fee for 4 <sup>th</sup> year	Rs.10,05,617.28
License Fee for 5 <sup>th</sup> year	Rs.10,65,954.31
Total License Fee for 5 Years	Rs.47,59,599.58 Say Rs.47,59,600/-

License fee for 5 years - Rs.47,59,600/- (Forty Seven Lakhs Fifty Nine Thousand Six Hundred & only).

5. 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	
Without chambers	- 7246 Rm
Along and across the road	- 7246 m
Rate of performance BG (>300mm)	- Rs.250/-
Amount (7246*250)	- Rs.18,11,500 x 2 = Rs.36,23,000/-
(Crossing at 2 locations -Rs.2,00,000/-)	
Crossing at km.322/320 & 326/100	-Rs.2,00,000/-
Total	-Rs.38,23,000/-

In view of above, the proposal of M/s.IRM Energy, Gujarat in the reference 1<sup>st</sup> cited, seeking for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeev Nagar Oyamari Road Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District in the Padalur- Trichy section of NH-38 may be considered for according issuance of in principle approval.

Yours faithfully,

Encl: Proposal - 3 Nos. (2 Original - 1 Copy)

*A.N. Praveen Kumar*  
(A.N. Praveen Kumar)  
DGM (T) & Project Director.

Copy to: -Team Leader, M/s. Feedback, Trichy for information.

-Project Manager - M/s. TPTPL for information.

-The GM, PNG Projects, M/s.IRM Energy, Trichy [mohan.ravi@irmenergy.com](mailto:mohan.ravi@irmenergy.com).

**CERTIFICATE**

Certified that, the proposed laying of Gas 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 gas pipe line would be extremely difficult and unreasonable costly and the installation of Gas 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.

(A.N. Praveen Kumar)  
DGM (T) & Project Director  
PIU - Trichy

**CERTIFICATE**

Certified that, necessary entries have been made in the Register of permissions accorded for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeev Nagar Oyamari Road Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy City of Trichy District in the Padalur - Trichy section of NH 38 respectively at Page no. 105 in S. no. 8

(A.N. Praveen Kumar)  
DGM (T) & Project Director  
PIU - Trichy

LICENSE FEES FOR PUBLIC UTILITY  
Utilized NH Land area X Prevailing Circle Rate of Land per Unit area X 1.5% per annum

ANNEXURE-II

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	Line 01 (STEEL)				Line 02 (MDPE)				Total License Fee for two lines		
		FROM	TO		LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)	LICENSE FEE (PRIVATE UTILITY) (Rs)	LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND AREA (D x L) (sq.m)		PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)	LICENSE FEE (PRIVATE UTILITY) (Rs)
1	Tharanallur	319.350	321.000	RHS	1650	0.219	361.35	35525.00	192554.38	1650	0.125	206.25	35525.00	109905.47	302459.85
2	Tharanallur	0.000	0.060	RHS	-60	0.219	-13.14	35525.00	-7001.98	-60	0.125	-7.50	35525.00	-3996.56	-10998.54
3	Sengulam	321.000	322.000	RHS	1000	0.219	219.00	20025.00	65782.13	1000	0.125	125.00	20025.00	37546.88	103329.00
4	N.Kuttapattu	322.000	322.284	RHS	284	0.219	62.20	1110.00	1035.56	284	0.125	35.50	1110.00	591.07	1626.64
5	N.Kuttapattu	322.284	323.000	RHS	716	0.323	231.27	1110.00	3850.61	716	0.125	89.50	1110.00	1490.18	5340.79
6	K.Abishekapuram	323.000	323.850	RHS	850	0.323	274.55	29605.00	121920.79	850	0.125	106.25	29605.00	47182.97	169103.76
7	Sengulam	324.150	326.158	RHS	2008	0.219	439.75	20025.00	132090.51	2008	0.125	251.00	20025.00	75394.13	207484.63
8	Sengulam	321.700	322.000	LHS	300	0.323	96.90	20025.00	29106.34	300	0.125	37.50	20025.00	11264.06	40370.40
9	N.Kuttapattu	322.000	322.320	LHS	320	0.323	103.36	1110.00	1720.94	320	0.125	40.00	1110.00	666.00	2386.94
10	Sengulam	326.100	326.158	LHS	58	0.219	12.70	20025.00	3815.36	58	0.125	7.25	20025.00	2177.72	5993.08
11	N.Kuttapattu	322.320	-	Crossing	60	0.609	36.54	1110.00	608.39	60	0.250	15.00	1110.00	249.75	858.14
12	Sengulam	326.100	-	Crossing	60	0.406	24.36	20025.00	7317.14	60	0.250	15.00	20025.00	4505.63	11822.76
13	Tharanallur	320.210	-	Chamber						0.95	0.95	0.90	35525.00	480.92	480.92
14	Sengulam	321.215	-	Chamber						0.95	0.95	0.90	20025.00	271.09	271.09
15	Sengulam	321.850	-	Chamber	2.69	1.9	5.10	20025.00	1532.36						1532.36
16	N.Kuttapattu	322.100	-	Chamber	2.80	1.9	5.32	1110.00	88.58						88.58
17	N.Kuttapattu	322.195	-	Chamber						0.95	0.95	0.90	1110.00	15.03	15.03
18	N.Kuttapattu	322.211	-	Chamber						0.95	0.95	0.90	1110.00	15.03	15.03
19	N.Kuttapattu	323.211	-	Chamber						0.95	0.95	0.90	1110.00	15.03	15.03
20	Sengulam	324.206	-	Chamber						0.95	0.95	0.90	20025.00	271.09	271.09
21	Sengulam	324.650	-	Chamber	2.80	1.9	5.32	20025.00	1598.00						1598.00
22	Sengulam	325.200	-	Chamber						0.95	0.95	0.90	20025.00	271.09	271.09
TOTAL					7246		1864.58		556019.11				20025.00	288316.55	844335.66

License Fee for 1st Year

Add: 6% per annum for 2 year	50660.1
Add: 6% per annum for 3 year	53699.7
Add: 6% per annum for 4 year	56921.7
Add: 6% per annum for 5 year	60337.0

Minimum License Fee for Public Utility for 5 years

4759599 /-

A.N. Praveen Kumar

(A. N. Praveen Kumar)  
DGM (Tech) & Project Director



Resize Text

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பதிவுத்துறை  
REGISTRATION DEPARTMENT



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9498452130

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1800 102 5174

(Monday to Friday 8 AM  
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## GUIDELINE VALUE & PROPERTY VALUATION

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

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

From: 1-7-2024 To: Current Date

### Search Criteria :

Zone:	Trichy	Sub Registrar Office:	Thillai Nagar
Guideline Village:	WARD -AD (SENGULAM)	Revenue Village:	THIRUCHIRAPPALLI-ARIYAMANGALM [URBAN]
Revenue District:	THIRUCHIRAPPALLI	Revenue Taluka:	THIRUCHIRAPPALLI EAST

Below Search results are as on 03-Sep-2024 07:49 PM

A B C D E F G H I J K L M N O P Q R S T U  
V W X Y Z 1 2 3 4 5 6 7 8 9 0

72 items found, displaying 1 to 10.

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

Str.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u>AASATH STREET</u>	1420/ Square Feet	15285/ Square Metre	Residential Class II Type - I	01-Jul- 2024	-
2	<u>ABDUL KUTHUS BAI STREET</u>	1640/ Square Feet	17655/ Square Metre	Residential Class I Type - III	01-Jul- 2024	-
3	<u>ADAIKALAMATH A KOVIL FIRST STREET</u>	1640/ Square Feet	17655/ Square Metre	Residential Class I Type - III	01-Jul- 2024	-
4	<u>ADAIKALAMATH A KOVIL SECOND STREET</u>	1640/ Square Feet	17655/ Square Metre	Residential Class I Type - III	01-Jul- 2024	-
5	<u>ADAIKALAMATH A KOVIL THIRD STREET</u>	1640/ Square Feet	17655/ Square Metre	Residential Class I Type - III	01-Jul- 2024	-
6	<u>ALLAH STREET</u>	1860/ Square Feet	20025/ Square Metre	Residential Class I Type - II	01-Jul- 2024	-
7	<u>AMMAN NAGAR</u>	1860/ Square Feet	20025/ Square Metre	Residential Class I Type - II	01-Jul- 2024	-
8	<u>AMMIRTHA AASARI</u>	1860/ Square Feet	20025/ Square Metre	Residential Class I Type - II	01-Jul- 2024	-
9	<u>ANANDAPURAM STREET</u>	1420/ Square Feet	15285/ Square Metre	Residential Class II Type - I	01-Jul- 2024	-
10	<u>ANNA NAGAR</u>	1100/ Square Feet	11845/ Square Metre	Residential Class II Type - II	01-Jul- 2024	-

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From: 1-7-2024 To: Current Date

### Search Criteria :

Zone:	Trichy	Sub Registrar Office:	Trichi Joint III
Guideline Village:	THARANALLUR (WARD Q)	Revenue Village:	-
Revenue District:	-	Revenue Taluka:	-

Below Search results are as on 03-Sep-2024 07:36 PM

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6  
7 8 9 0

19 items found, displaying 1 to 10.

[First/Prev] 1, 2 [Next/Last]

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u><a href="#">A.P.NAGAR</a></u>	1320/ Square Feet	14210/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
2	<u><a href="#">A.P.NAGAR EAST EXTENSION</a></u>	1320/ Square Feet	14210/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
3	<u><a href="#">A.P.NAGAR EAST EXTENSION PHASE II</a></u>	1320/ Square Feet	14210/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
4	<u><a href="#">A.P.NAGAR NORTH EXTENSION</a></u>	1375/ Square Feet	14805/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
5	<u><a href="#">ARUNACHALAM GARDEN</a></u>	1320/ Square Feet	14210/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
6	<u><a href="#">ARUNACHALAM GARDEN</a></u>	1320/ Square Feet	14210/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
7	<u><a href="#">BHEL NAGAR</a></u>	1320/ Square Feet	14210/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
8	<u><a href="#">BYPASS ROAD TRICHY TO CHENNAI</a></u>	1710/ Square Feet	18410/ Square Metre	Commercial Special Type - II	01-Jul-2024	-
9	<u><a href="#">BYPASS ROAD TRICHY TO THANJUR</a></u>	3300/ Square Feet	35525/ Square Metre	Commercial Special Type - I	01-Jul-2024	-
10	<u><a href="#">CHINNU PILLAI NAGAR</a></u>	1320/ Square Feet	14210/ Square Metre	Residential Class I Type - I	01-Jul-2024	-

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View Guideline value for:

☐ Street ☒ Survey Number ☐ Composite Value

Select Criteria :

☒ Category Wise ☐ Survey Number  
Wise

Zone:\*

Trichy

Sub Registrar Office:\*

Trichy Joint 1

Registration Village:\*

75NO. KUTTAPPATTU

Land Category\*

Residential Class I Type - I

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## Search Criteria :

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

Below Search results are as on 03-Sep-2024 05:06 PM

118 items found, displaying 1 to 10.

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

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O. Download
1	16/1	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
2	16/10	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
3	16/11A	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
4	16/11B	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
5	16/11C	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
6	16/11D	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
7	16/11E	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
8	16/12	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
9	16/13	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
10	16/15A1	103/ Square Feet	1110/ Square Metre	Residential Class I Type - I	01-Jul-2024	-

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From: 1-7-2024 To: Current Date

### Search Criteria :

Zone:	Trichy	Sub Registrar Office:	Trichy Joint 1
Guideline Village:	WARD -AA (K.Abishekapuram)	Revenue Village:	-
Revenue District:	-	Revenue Taluka:	-

Below Search results are as on 03-Sep-2024 07:35 PM

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6  
7 8 9 0

34 items found, displaying 1 to 10.

[First/Prev] 1, 2, 3, 4 [Next/Last]

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u>AROCKIA NAGAR</u>	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
2	<u>AROCKIYAMATHA AVENUE</u>	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
3	<u>ARUN NAGAR</u>	1600/ Square Feet	17225/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
4	<u>DINDUGAL ROAD (NORTH SIDE)</u>	2750/ Square Feet	29605/ Square Metre	Commercial Class I Type - I	01-Jul-2024	-
5	<u>GANDHI NAGAR 1ST CROSS STREET</u>	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
6	<u>GANDHI NAGAR 1ST STREET</u>	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
7	<u>GANDHI NAGAR MAIN ROAD</u>	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
8	<u>GANDHI NAGAR SECOND STREET</u>	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
9	<u>JAI NAGAR STREETS (1 - 2 &amp; EXTENTION)</u>	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
10	<u>KALYANASUNDARAM NAGAR STREETS (1 -5)</u>	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	-





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From: 1-7-2024 To: Current Date

### Search Criteria :

Zone:	Trichy	Sub Registrar Office:	Trichi Joint III
Guideline Village:	DEVADANAM (WARD E)	Revenue Village:	-
Revenue District:	-	Revenue Taluka:	-

Below Search results are as on 03-Sep-2024 06:54 PM

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6  
7 8 9 0

44 items found, displaying 1 to 10.

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

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<a href="#">ALLI MALAR STREET</a>	1320/ Square Feet	14210/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
2	<a href="#">ANDAL GARDEN</a>	2200/ Square Feet	23685/ Square Metre	Residential Special Type - III	01-Jul-2024	-
3	<a href="#">BHARATHI NAGAR</a>	1440/ Square Feet	15505/ Square Metre	Residential Special Type - I	01-Jul-2024	-
4	<a href="#">CHENNAI BUY-PASS ROAD</a>	1440/ Square Feet	15505/ Square Metre	Residential Special Type - I	01-Jul-2024	-
5	<a href="#">CHENTHAMARAI STREET</a>	825/ Square Feet	8885/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
6	<a href="#">DEVATHANAM JOHN THOPPU</a>	1100/ Square Feet	11845/ Square Metre	Residential Class I Type - II	01-Jul-2024	-
7	<a href="#">JEE CITY-CAUVERY ROAD</a>	1440/ Square Feet	15505/ Square Metre	Residential Special Type - I	01-Jul-2024	-
8	<a href="#">JEE CITY-CAUVERY ROAD</a>	1440/ Square Feet	15505/ Square Metre	Residential Special Type - I	01-Jul-2024	-
9	<a href="#">KALAIGAR STREET T.S.NO.11 42PART</a>	825/ Square Feet	8885/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
10	<a href="#">KANAKAMBARAM STREET</a>	825/ Square Feet	8885/ Square Metre	Residential Class I Type - III	01-Jul-2024	-

### GUIDELINE VALUE & PROPERTY VALUATION

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From: 1-7-2024 To: Current Date

Search Criteria :

Zone: Trichy

Sub Register Office: Trichy Joint 1

Guideline Village: WARD-AA (K.Ashwaleppuram)

Revenue Village: \*

Revenue District: \*

Below Search results are as on 03-Sep-2024 07:35 PM

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6  
7 8 9 0

34 Items found, displaying 1 to 10  
(First/Prev/1, 2, 3, 4/Next/Last)

Sr.No.	Street Name	Guideline Value (Rs) (Market Value)	Guideline Value (Rs) (Market Value)	Land Classification	Effective Start Date	G.O.Download
1	ABOCKIA NAGAR	1500 Square Feet	16150/ Square Feet	Residential Class I Type - II	01-Jul-2024	*
2	ABOCKIAMATHA AVENUE	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	*
3	ASUN NAGAR	1600/ Square Feet	17235/ Square Metre	Residential Class I Type - I	01-Jul-2024	*
4	DINDUGAL ROAD (NORTH SIDE)	2750/ Square Feet	28905/ Square Metre	Commercial Class I Type - I	01-Jul-2024	*
5	GANDHI NAGAR 1ST CROSS STREET	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	*
6	GANDHI NAGAR 1ST STREET	1500/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	*
7	GANDHI NAGAR MAIN ROAD	1600/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	*
8	GANDHI NAGAR SECOND STREET	1600/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	*
9	JAI NAGAR STREETS (1-2 & EXTENSION)	1600/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	*
10	KALYANASUNDARAM NAGAR STREET (1-3)	1600/ Square Feet	16150/ Square Metre	Residential Class I Type - II	01-Jul-2024	*



**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 : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, 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 38/P-T/Retail Outlet/2024/1119

June 10, 2024

To  
Team Leader,  
M/s. Feedback Infra Pvt Ltd,  
Plot No. 14, First Floor,  
Gokulam Colony,  
BikshandarKoil, Trichy 621216

Sub: NHAI - PIU, TRICHY - Padalur - Trichy section of NH 45 (New NH 38) - Permission for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeeve Nagar oyamari road - Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District - Report sought for - Reg.

Ref: General Manager - PNG Projects, M/s.IRM Energy, Gujarat, letter no. IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/002 dt.07.06.2024 (Received on 10.06.2024)

Sir,

Please find enclosed the proposal received from General Manager - PNG Projects, M/s.IRM Energy, Gujarat requesting permission for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeevi Nagar oyamari road - Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District in Padalur - Trichy section of NH-38 vide reference cited for inspection and submission of report.

In this context, it is requested to examine the same in advert to site condition, proposed Project works subsisting encumbrances of structures, trees, OFC etc., also with reference to Checklist and drawing and offer your comments in accordance with the Ministry circular dated 22.11.2016.

Encl: Proposal - 1 No.

Yours faithfully,

*A.N. Praveen Kumar*  
(A.N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

- Project Manager - M/s. TPTPL for information and report
- General Manager - PNG Projects, M/s.IRM Energy, Gujarat for information.



**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  
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NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1341

July 08, 2024

To

IRM Energy Limited,

D72 Third Floor,

Kanchana Enclave,

7<sup>th</sup> Cross, Thillai Nagar,

Trichy - 620018.

Email id- mohan.ravi@irmenergy.com

Sub: NHAI - PIU, TRICHY - Padalur - Trichy section of NH 45 (New NH 38) -  
Permission for laying proposed 12"/8" dia steel & 125mm dia MDPE  
gas pipeline along/across from Sanjeeve Nagar oyamari road -  
Palpannai junction - TVS - Mannarpuram for Trichy city connectivity  
to develop CGD network in Trichy city of Trichy District - Observations  
made by Team Leader - Proposal returned - Reg.

- Ref: 1. General Manager - PNG Projects, M/s.IRM Energy, Gujarat, letter  
no.IRMEL/TRICHY/CGD/PNG/NHAI(45)/2024-25/002  
dt.07.06.2024 (Received on 10.06.2024)  
2. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1119  
dt.10.06.2024  
3. TPTPL/O&M/2024/165/IE dt.29.06.2024 (received on 02.06.2024)  
4. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/174 dt.05.07.2024

Sir,

With reference to application dt.07.06.2024, requesting access  
permission for access to gas pipeline along/across from Sanjeeve Nagar  
oyamari road - Palpannai junction - TVS - Mannarpuram along the road  
from km.319/350 to km.323/850 (RHS), from km.321/700 to km.322/320  
(LHS), from km.324/150 to km.326/158 (RHS), from km.326/100 to  
km.326/158 (LHS) and across at km.326/100 , km.322/320 for Trichy city  
connectivity to develop CGD network in Trichy city of Trichy District the site  
was inspected by the Team Leader / Concessionaire and made following  
observations as per letter dt.05.07.2024.

The presence of a ROB in the location of Ariyamangalam requires  
obtaining permission from the relevant authorities at the Railway  
Department before commencing any work at the site.

Due to the unavailability of land from KM 323/000 to KM 323/850  
on the right-hand side (RHS) in Senthaneerpuram, the planned work cannot

15/08/2024





**National Highways Authority of India**

Project Implementation Unit, TRICHY - 620 001.

be carried out along the RHS. As a result, the laying will be executed solely on the left-hand side (LHS) in the Senthaneerpuram location.

The applicant has proposed laying of pipe in the left-hand side (LHS) direction from 'G' Corner to the Mannarpuram TNEB Office, but there is no available land in that direction. Therefore, the laying work will only be possible in the right-hand side (RHS) direction between 'G' Corner and the Mannarpuram TNEB Office location.

The applicant has specified a depth of 1.5 meters from ground level for laying the gas pipeline. As a result, the existing cables must be properly accounted for, including the optical fiber cables (OFC) connecting the Highway Traffic Management System (HTMS), street light cables, and other cables provided by various networks. Any damages to these cables must be restored at the risk and cost of M/s. IRM Energy.

During the joint inspection, the Concessionaire and the Independent Engineer advised M/s. IRM Energy to ensure that no avenue trees are felled and no structures are damaged due to the gas pipeline installation. The representative from M/s. IRM Energy agreed to this condition.

In case any tree felling is observed, the applicant (M/s. IRM Energy) must strictly adhere to the terms and conditions as prescribed by Hon'ble Supreme Court of India. Additionally, any damages to other NHAI property must be restored as per specifications, at the risk and cost of M/s. IRM Energy.

Keeping aforesaid terms & conditions an undertaking in stamp paper shall be furnished by the applicant for granting the permission.

Further, the chainages mentioned in the letter dt.07.06.2024 for pipe laying does not matching with the chainages mentioned in drawings. Hence the proposal is returned herewith for resubmission of revised drawings with modified proposal.

Yours faithfully,

Encl: Proposal - 3 Nos.

*A.N. Praveen Kumar*  
08/07/2024

(A.N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

- Team Leader, M/s. Feedback, Trichy for information
- The Project Manager, M/s. TPTPL, for information





**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 - तिरुच्चि / Project Implementation Unit - Trichy  
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NHAI/PD/TRY/NH 38/Retail Outlet/PT/2024/1476

July 29, 2024

To  
The Team Leader,  
M/s. Feedback Infra Pvt Ltd,  
Plot No. 14, First Floor,  
Gokulam Colony,  
BikshandarKoil,  
Trichy - 621 216.

Sub: NHAI - PIU, TRICHY - Padalur - Trichy section of NH 45 (New NH 38) -  
Permission for laying proposed 12"/8" dia steel & 125mm dia MDPE gas  
pipeline along/across from Sanjeeve Nagar oyamari road Palpannai junction -  
TVS - Mannarpuram for Trichy city connectivity to develop CGD network in  
Trichy city of Trichy District, Tamilnadu State- Certain observations made by  
Team Leader - Compliance of observations by the applicant report Sought for  
-Reg.

- Ref: 1. General Manager - PNG Projects, M/s.IRM Energy, Gujarat, letter  
no. IRMEL/TRICHY/CGD/PNG/NHAI(45)/2024-25/002  
dt.07.06.2024 (Received on 10.06.2024)  
2. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1119  
dt.10.06.2024  
3. TPTPL/O&M/2024/165/IE dt.29.06.2024 (received on 02.06.2024)  
4. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/174 dt.05.07.2024  
5. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1341 dt.08.07.2024  
6. General Manager - PNG Projects, M/s.IRM Energy, Gujarat, letter  
no. IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/041 dt.07.06.2024)

Sir,

With reference to the observations made vide Ir dt.05.07.2024 by Team  
Leader, M/s. Feedback Infra on the subject matter proposal, the applicant has  
furnished reply on the observations a as per letter dt.26.07.2024 and the copy of  
it is enclosed for verification at site with reference to the contention of reply and  
submission of report early.

Encl: Proposal - 1 No.

Yours faithfully,

A.N. Praveen Kumar  
(A.N. Praveen Kumar)

DGM (T) & Project Director

Copy:

- Project Manager - M/s. TPTPL for information and report
- General Manager - PNG Projects, M/s.IRM Energy, Gujarat for information

\\Pd\PIU Tri Doc\2024 Documents\Utility shifting\Retail Outlet\P-T\IRM Energy - Konal.docx

Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi - 110 075. Tel : 011-2507 4100 / 2507 4200. Website : www.nhai.gov.in

File No.: INDIV-20022728/2024-PIU Trichy (Computer No.: 265428) Lake Area, Melur Main Road, Mattuthavani, Madurai - 625 107. Ph: +91 452-2588999 E-mail: romadurai@nhai.org

Generated from eOffice by CHANDRA SEKHAR M, DGM (RO Madurai) - MCS, DEPUTY GENERAL MANAGER RO MADURAI, RO Madurai on 07/03/2025 02:52 PM



**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 : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
 No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, 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 38/P-T/Retail Outlet/2024/1770 September 06, 2024

To  
 Team Leader,  
 M/s. Feedback Infra Pvt Ltd,  
 Plot No. 14, First Floor,  
 Gokulam Colony,  
 BikshandarKoil, Trichy 621216

Sub:NHAI – PIU, TRICHY – Padalur – Trichy section of NH 45 (New NH 38) –  
 Permission for laying proposed 12”/8” dia steel & 125mm dia MDPE gas  
 pipeline along/across from Sanjeeve Nagar oyamari road – Palpannai  
 junction – TVS – Mannarpuram for Trichy city connectivity to develop  
 CGD network in Trichy city of Trichy District- Certain observations made  
 by Team Leader - Compliance of observations by the applicant report Sought  
 for –Reg.

- Ref 1. General Manager – PNG Projects, M/s.IRM Energy, Gujarat, letter  
 no. IRMEL/TRICHY/CGD/PNG/NHAI(45)/2024-25/002  
 dt.07.06.2024 (Received on 10.06.2024)
2. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1119  
 dt.10.06.2024
3. TPTPL/O&M/2024/165/IE dt.29.06.2024 (received on 02.06.2024)
4. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/174 dt.05.07.2024
5. NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1341  
 dt.08.07.2024
6. General Manager – PNG Projects, M/s.IRM Energy, Gujarat, letter  
 no. IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/041  
 dt.07.06.2024
7. Project Manager, M/s. TPTPL, letter no. TPTPL/O&M/2024/165/IE  
 dt.29.06.2024
8. Team Leader, M/s. Feedback, letter no. FIPL/NH-38/Ulundurpet-  
 Trichy/TL/2024-25/242 dt.17.08.2024
9. General Manager – PNG Projects, M/s.IRM Energy, Gujarat, letter  
 no. IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/049  
 dt.24.08.2024

Sir,

Please find enclosed the copy of letter dt.24.08.2024 of General Manager –  
 PNG Projects, M/s.IRM Energy, Gujarat, furnishing therewith rectification reply

13/09/24

**National Highways Authority of India****Project Implementation Unit, TRICHY - 620 001.**

on the observations made by the Team Leader on 17.08.2024 on the subject matter proposal for verification at site with reference to the modified drawings / records furnished by the applicant and submission of report early.

Yours faithfully,

*A.N. Praveen Kumar*  
06/09/2024

Encl: Drawing- 1 No

(A. N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

- The Project Manager, M/s. TPTPL, for information and report.
- The General Manager – PNG Projects, M/s.IRM Energy, Gujarat for information.

**FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/174**
**Date:05.07.2024**

To,  
**The Project Director,**  
 PIU- Trichy, National Highways Authority of India,  
 Door No.39,3<sup>rd</sup> Cross Street,  
 Kalyana Sundaram Nagar,  
 Karumandapam, Tiruchirappalli, Tamil Nadu 620 001.

**Sub:** Independent Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway of Ulundurpet – Padalur section of NH-38 from Km 192/750 to Km 285/000 – Padalur – Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis-  
**Permission for laying proposed 12”/18” dia steel & 125 mm dia MDPE gas pipeline along /across from sanjeeve nagar oyamari road -Palpannai junction -TVS Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District-Concessionaire report -IE comments -Reg.**

**Ref:**

1. **NHAI/PD/TRY/P-T/Retail outlet/2024/1119 dated 10.06.2024.**
2. **TPTPL/O&M/2024/165/IE dated 29.06.2024**

**Sir,**

This has reference to the above subject and ref cited letter(2), IE observations and recommendations are as follows:

The presence of a ROB in the location of Ariyamangalam requires obtaining permission from the relevant authorities at the Railway Department before commencing any work at the site.

Due to the unavailability of land from KM 323/000 to KM 323/850 on the right-hand side (RHS) in Senthaneerpuram, the planned work cannot be carried out along the RHS. As a result, the laying will be executed solely on the left-hand side (LHS) in the Senthaneerpuram location.

The applicant has proposed laying of pipe in the left-hand side (LHS) direction from 'G' Corner to the Mannarpuram TNEB Office, but there is no available land in that direction. Therefore, the laying work will only be possible in the right-hand side (RHS) direction between 'G' Corner and the Mannarpuram TNEB Office location.



Corporate Office: Feedback Infra Private Limited, 1<sup>st</sup> Floor, Tower East, 77A, Sector 18, IFFCO Road, Gurugram, Haryana - 122015, Tel: +91 124 416 9100  
 CIN: U74899DL1990PTC040630



As ISO 9001:2015 and ISO 14001:2015 Certified Division



The applicant has specified a depth of 1.5 meters from ground level for laying the gas pipeline. As a result, the existing cables must be properly accounted for, including the optical fiber cables (OFC) connecting the Highway Traffic Management System (HTMS), street light cables, and other cables provided by various networks. Any damages to these cables must be restored at the risk and cost of M/s. IRM Energy.

During the joint inspection, the Concessionaire and the Independent Engineer advised M/s. IRM Energy to ensure that no avenue trees are felled and no structures are damaged due to the gas pipeline installation. The representative from M/s. IRM Energy agreed to this condition.

In case any tree felling is observed, the applicant (M/s. IRM Energy) must strictly adhere to the terms and conditions as per NHAI Circular no. NHAI/PD/TRY/NH 45,45B & 67/2022/212 dated 09/02/2022. Additionally, any damages to other NHAI property must be restored as per specifications, at the risk and cost of M/s. IRM Energy.

Keeping aforesaid terms & conditions a suitable MOU shall be obtained from the applicant prior granting the permission.

The applicant the chainages for pipelaying mentioned in the letter does not matching with the chainages mentioned in drawings. So IE advised to revise the drawing and submit to respective Authority(NHAI) for approval.

This is for your kind information and further necessary action.

Yours faithfully,  
 for **Feedback Infra Pvt Ltd in association with Sri Infotech**,



**(Y. Venu Gopala Rao)**  
**Highway Maintenance Cum Resident Engineer**



**Copy to:**

1. The Project Manager, M/s.TPTPL Samayapuram.
- 2 .The Project Manager, M/s. Feedback Infra Pvt, Ltd, Bangalore.



**FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/242****Date:17.08.2024**

To,

**The Project Director,**
 PIU- Trichy, National Highways Authority of India,  
 Door No.39,3<sup>rd</sup> Cross Street,  
 Kalyana Sundaram Nagar,  
 Karumandapam, Tiruchirappalli, Tamil Nadu 620 001.

**Sub:** Independent Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway of Ulundurpet – Padalur section of NH-38 from Km 192/750 to Km 285/000 – Padalur – Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis- **Permission for laying proposed 12"/18" dia steel & 125 mm dia MDPE gas pipeline along /across from sanjeeve nagar oyamari road -Palpannai junction -TVS Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District- Concessionaire report -IE comments -Reg.**

**Ref:**

1. NHA/ PD/TRY/ NH 38/ P-T/ Retail outlet/2024/ 1119 dated 10.06.2024.
2. TPTPL/O&M/2024/ 165/IE dated 29.06.2024
3. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/174 dated 05.07.2024
4. NHA/ PD/TRY/ NH 38/ P-T/ Retail outlet/2024/ 1341 dated 08.07.2024.
5. NHA/ PD/TRY/ NH 38/ P-T/ Retail outlet/2024/ 1476 dated 29.07.2024.

**Sir,**

This has reference to the above subject and ref cited letter(5), IE observations and recommendations are as follows:

The presence of a ROB (Km.323.850 to Km.324.150) in the location of Ariyamangalam requires obtaining permission from the relevant authorities at the Railway Department before commencing any work at the site.

The applicant has mentioned the depth of MDPE gas pipeline as 1.5m in Section A-A on Left side and in same section A-A it is mentioned as 1.65m on Right side. Similarly the depth of 12"/8" Steel gas pipeline is not mentioned in the typical trench section drawing.

In spite of that, IE instructed to mention the exact depth of proposed MDPE gas pipeline to be laying in typical cross section drawing and the depth of 12"/8" Steel gas pipeline in typical trench section drawing.

This is for your kind information and further necessary action.

Yours faithfully,

for **Feedback Infra Pvt Ltd in association with Sri Infotech,****YERRAJONNA**

Digitally signed by

**VENUGOPALAR**

YERRAJONNA

**AO**

VENUGOPALARAO

Date: 2024.08.17 11:01:07

+05'30'

**(Y. Venu Gopala Rao)****Highway Maintenance Cum Resident Engineer****Copy to:**

1. The Project Manager, M/s.TPTPL Samayapuram.
- 2 . The Project Manager, M/s. Feedback Infra Pvt, Ltd, Bangalore.

**Corporate Office:** Feedback Infra Private Limited, 1<sup>st</sup> Floor, Tower East, 77A, Sector 18, IFFCO Road, Gurugram, Haryana - 122015, Tel: +91 124 416 9100

CIN: U74899DL1990PTC040630



An ISO 9001, ISO 14001 and ISO 45001 Certified Division

**FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/292**
**Date:16.09.2024**

To,  
**The Project Director,**  
 PIU- Trichy, National Highways Authority of India,  
 Door No.39,3<sup>rd</sup> Cross Street,  
 Kalyana Sundaram Nagar,  
 Karumandapam, Tiruchirappalli, Tamil Nadu 620 001.

**Sub:** Independent Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway of Ulundurpet – Padalur section of NH-38 from Km 192/750 to Km 285/000 – Padalur – Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis- **Permission for laying proposed 12”/18” dia steel & 125 mm dia MDPE gas pipeline along /across from sanjeeve nagar oyamari road -Palpannai junction -TVS Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District-Certain Observations made by Team Leader – Compliance of observations by the applicant report sought for -IE comments -Reg.**

**Ref:**

1. NHAI/PD/TRY/NH 38/P-T/Retail outlet/2024/1119 dated 10.06.2024.
2. TPTPL/O&M/2024/165/IE dated 29.06.2024
3. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/174 dated 05.07.2024
4. NHAI/PD/TRY/NH 38/P-T/Retail outlet/2024/1341 dated 08.07.2024.
5. General Manager – PNG Projects, M/s.IRM Energy, Gujarat, letter no. IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/041 dated 07.06.2024.
6. NHAI/PD/TRY/NH 38/P-T/Retail outlet/2024/1476 dated 29.07.2024.
7. FIPL/NH-38/Ulundurpet-Trichy/TL/2024-25/242 dated 17.08.2024
8. General Manager – PNG Projects, M/s.IRM Energy, Gujarat, letter no. IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/049 dated 26.07.2024.
9. NHAI/PD/TRY/NH 38/P-T/Retail outlet/2024/1770 dated 06.09.2024.

**Sir,**

This has reference to the above subject and ref cited letter(9), IE observations and recommendations are as follows:

1. The presence of a ROB (Km.323.850 to Km.324.150) in the location of Ariyamangalam requires obtaining permission from the relevant authorities at the Railway Department before commencing any work at the site, for that the applicant responded, **“Required permission will be obtained from concern**

Corporate Office: Feedback Infra Private Limited, 1<sup>st</sup> Floor, Tower East, 77A, Sector 18, IFFCO Road, Gurugram, Haryana - 122015, Tel: +91 124 416 9100  
 CIN: U74899DL1990PTC040630




An ISO 9001, ISO 14001 and ISO 45001 Certified Division



department before commencing of work and also M/S.IRMEL applied to Railway department with application ID : SR-TPJ-2024-WL-585 dated 22.07.2024", please you may refer M/s. IRMEL letter vide (8) -SR No. 1.

2. The applicant has mentioned the depth of MDPE gas pipeline as 1.5m in Section A-A on Left side and in same section A-A it is menticide as 1.65m on Right side. Similarly, the depth of 12"/8" Steel gas pipeline is not mentioned in the typical trench section drawing, for that revised drawing TCS-01& TCS-02has been verified and found in order.
3. IE instructed to mention the exact depth of proposed MDPE gas pipeline to be laying in typical cross section drawing and the depth of 12"/8" Steel gas pipeline in typical trench section drawing, for that revised typical trench details drawings has been submitted by M/S.IRMEL and same has been verified and found in order.

In view of above, the competent Authority may be processed further in this regard.

This is for your kind information and further necessary action.

Yours faithfully,  
 for **Feedback Infra Pvt Ltd in association with Sri Infotech,**

  
**(Y. Venu Gopala Rao)**  
**Highway Maintenance Cum Resident Engineer**



**Copy to:**

1. The Project Manager, M/s.TPTPL Samayapuram.
- 2 . The Project Manager, M/s. Feedback Infra Pvt, Ltd, Bangalore.



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Date: 26.07.2024

24/07/24

The Project Director,  
Project Implementation,  
National Highways Authority of India (NHAI),  
Door No. 39, 3<sup>rd</sup> Cross Street,  
Kalayana Sundaram Nagar,  
Trichy - 620 001,  
Tamil Nadu.

Sub.: Permission for laying proposed 12"/8" Dia. Steel & 125 mm Dia. MDPE Gas Pipeline (in same trench) Along/Across NH-45 (Chennai - Trichy) From Sanjeeve Nagar Near Oyamari Road - Palpannai Junction -TVS - Mannarpuram (Chennai - Trichy) for Tiruchirappalli City Connectivity to develop City Gas Distribution Network in Tiruchirappalli City of District Tiruchirappalli, State Tamil Nadu.

- Ref.: 1. Our Office Application Letter No. IRMEL/TIRCHY/CGD/PNG/NHAI(45)/2024-25/031  
Dated: 07.06.2024  
2. Your Office Letter No, NHAI/PD/TRY/NH 38/P-T/Retail Outlet/2024/1341  
Dated: 08.07.2024

Dear Sir,

With reference to application dt 07.06.2024, we request the access permission for access to gas pipeline along/across from Sanjeeve Nagar Oyamari Road - Palpannai Junction - TVS - Mannarpuram along the road from (1) Along (RHS) From Ch:319.350 Km to Ch.323.850 Km, (2) Along (LHS) From Ch:321.700 Km to Ch:322.320 Km, (3) Across at Ch:322.320 Km, (4) Along (RHS) From Ch:324.150 Km. to Ch:326.158 Km, (5) Across at Ch:326.100 Km, (6) Along (LHS) From 326.100 km to 326.158 Km for Trichy city connectivity to develop CGD network in Trichy city of Trichy District the site was inspected by the Tema Leader/Concessionaire and made following observation as per letter cited 2<sup>nd</sup>.

In below table response/reply provide for the observation.

Sr No.		Location of laying gas pipe line	Concessionaire's Comments	Response for the Observation
1		Ariyamangalam Railway Crossing	The Presence of a ROB in the location of Ariyamangalam requires obtaining permission from the relevant authorities at the railway department before commencing any work at the site.	Required permission will be obtained from concerned department, before commencing of work.
2		NH-45 (Sanjeeve Nagar Oyamari Road to Mannarpuram)	Due to the unavailability of land from KM 323/000 to KM 323/850 on the right-hand side (RHS) in Senthaneerpuram, the planned work cannot be carried out along the RHS. As a result, the Un Project Implementation will be on the left-hand side (LHS) in the Senthaneerpuram location.	In CH: 323/000 to KM 323/850 KM Pipeline shall be laid by Trenchless-Horizontal Direction Drilling Method at minimum depth of 3 M.
3		NH-45 (Sanjeeve Nagar oyamari road to Mannarpuram)	The proposed laying of pipe in the left-hand side (LHS) direction from 'G' Corner to the Mannarpuram TNEB Office, but there is no available land in that direction. Therefore, the laying work will only be possible in the right-hand side (RHS) direction between 'G' Corner and the Mannarpuram TNEB Office location.	Revised Drawing Attached herewith as per laying possible in the (RHS) direction between 'G' Corner and the Mannarpuram TNEB Office location.



**IRM ENERGY LIMITED**

Registered Office : 4<sup>th</sup> Floor, 8<sup>th</sup> Block, Magnet Corporate Park, Near Sola Bridge, S.G. Highway, Thaltej, Ahmedabad, Gujarat-380054, India  
info@irmenergy.com | Phone : 079-49031500 | Website : www.irmenergy.com | CIN : L40100GJ2015PLC085213

	NH-45 (Sanjeeve Nagar oyamari road to mannarpuram)	A depth of 1.5 meters from ground level for laying the gas pipeline. As a result, the existing cables must be properly accounted for, including the optical fibre cables (OFC) connecting the Highway Traffic Management System (HTMS), street light cables, and other cables provided by various networks. Any damages to these cables must be restored at the risk and cost of M/s. IRM Energy.	IRM will take additional precautions, like every 50 M manual trail pit will be carried, identify the utilities before excavation. Also, prior intimation will be provided to concern department.
5	NH-45 (Sanjeeve Nagar oyamari road to mannarpuram)	In case any tree feeling is observed, the applicant must strictly adhere to the terms and conditions as prescribed by Hon'ble supreme count of India additionally, any damages to other NHAI property must be restored as per specifications at the risk and cost of M/s. IRM Energy	IRM will not cut or remove the tree while laying the pipeline. IRM will avoid tree cutting by carrying out moulting & HDD methods for laying of pipeline.
6	NH-45 (Sanjeeve Nagar oyamari road to mannarpuram)	Chainage mentioned in letter dt 07.06.2024 for pipe laying does not matching with the chainages mentioned in drawings.	Chainages are updated to match. in both application and drawing.

As this is a time bound project contributing to National Prosperity, most expeditious actions are requested to grant us the permission.

**For any further details you may contact as below:**

Contact Person - Mr. Arivazhagan. R (General Manager – PNG Projects)  
Email - arivu.r@irmenergy.com  
Contact No. - +91 - 6359858555

Thanking you.

Yours Sincerely,  
For IRM Energy Limited

  
Arivazhagan R.  
General Manager – PNG Projects  
Encl: As above

**Communication Address**

Mohan Raj Ravi (Asst. Manager)  
IRM Energy Limited  
D72 Third Floor, Kanchana Enclave, 7<sup>th</sup> Cross, Thillai, Trichy – 620018  
Mob - +91 -6353677515  
Email - mohan.ravi@irmenergy.com



Ref: IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/002

Date: 07.06.2024

To  
The Project Director,  
Project Implementation,  
National Highways Authority of India (NHAI),  
Door No. 39, 3<sup>rd</sup> Cross Street,  
Kalayana Sundaram Nagar,  
Trichy – 620 001,  
Tamil Nadu.

13/10/24

NHAI - PIU - TRICHY	
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**Sub.: Permission for laying proposed 12"/8" Dia. Steel & 125 mm Dia. MDPE Gas Pipeline (in same trench) Along/Across NH-45 (Chennai – Trichy) From Sanjeeve Nagar Near Oyamari Road - Palpannai Junction -TVS - Mannarpuram (Chennai – Trichy) for Tiruchirappalli City Connectivity to develop City Gas Distribution Network in Tiruchirappalli City of District Tiruchirappalli, State Tamil Nadu.**

• **Pipeline Details:**

- Along (RHS) From Ch:319.350 Km to Ch.323.850 Km (12"/8" Steel & 125 MDPE)
- Along (LHS) From Ch:321.700 Km to Ch:322.320 Km (12" Steel & 125 MDPE)
- Across at Ch:322.320 Km (12" Steel & 125 MDPE)
- Along (RHS) From Ch.324.150 Km. to Ch:326.158 Km (8" Steel & 125 MDPE)
- Across at Ch:326.100 Km (8" Steel & 125 MDPE)
- Along (LHS) From 326.100 km to 326.158 (8" Steel & 125 MDPE)

• **Valve Chamber Details:**

- At NH Ch: 320.210 Km – RHS (MDPE) ✓
- At NH Ch: 321.215 Km – RHS (MDPE) ✓
- At NH Ch: 321.850 Km – LHS (Steel)
- At NH Ch: 322.100 Km – RHS (Steel)
- At NH Ch: 322.195 Km – RHS (MDPE)
- At NH Ch: 322.211 Km – RHS (MDPE)
- At NH Ch: 323.211 Km – RHS (MDPE)
- At NH Ch: 324.206 Km – RHS (MDPE)
- At NH Ch: 324.650 Km – RHS (Steel)
- At NH Ch: 325.200 Km – RHS (MDPE)
- At NH Ch: 325.870 Km – LHS (Steel)
- At NH Ch: 325.890 Km – LHS (MDPE)

IRM Energy Limited (IRMEL), a Company of Cadila Pharmaceuticals Ltd. is an integrated value driven energy enterprise, developing Natural Gas Distribution Projects across various district in the county for industrial, commercial, domestic and automobile customers. The company is committed towards contributing to the energy need of its consumers.

IRM Energy is granted authorization for laying, building, operating, or expanding city or Natural Gas distribution networks in Tiruchirappalli & Namakkal District under Petroleum and Natural Gas Regulatory Board (PNGRB) under 11th CGD bid round (April 2022).



Ref: IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/002

To  
The Project Director,  
Project Implementation,  
National Highways Authority of India (NHAI),  
Door No. 39, 3<sup>rd</sup> Cross Street,  
Kalayana Sundaram Nagar,  
Trichy – 620 001,  
Tamil Nadu.

NHAI - PIU - TRICHY	
15 OCT 2024	
Dy.No:	3397 Date: 15.10.2024
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Sub.: Permission for laying proposed 12"/8" Dia. Steel & 125 mm Dia. MDPE Gas Pipeline (in same trench) Along/Across NH-45 (Chennai – Trichy) From Sanjeeve Nagar Near Oyamari Road - Palpannai Junction -TVS - Mannarpuram (Chennai – Trichy) for Tiruchirappalli City Connectivity to develop City Gas Distribution Network in Tiruchirappalli City of District Tiruchirappalli, State Tamil Nadu.

• Pipeline Details:

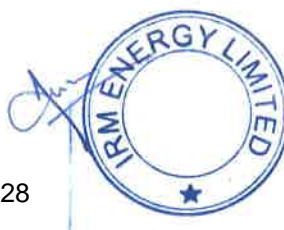
- Along (RHS) From Ch:319.350 Km to Ch.323.850 Km (12"/8" Steel & 125 MDPE)
- Along (LHS) From Ch:321.700 Km to Ch:322.320 Km (12" Steel & 125 MDPE)
- Across at Ch:322.320 Km (12" Steel & 125 MDPE)
- Along (RHS) From Ch.324.150 Km. to Ch:326.158 Km (8" Steel & 125 MDPE)
- Across at Ch:326.100 Km (8" Steel & 125 MDPE)
- Along (LHS) From 326.100 km to 326.158 (8" Steel & 125 MDPE)

• Valve Chamber Details:

- At NH Ch: 320.210 Km – RHS (MDPE)
- At NH Ch: 321.215 Km – RHS (MDPE)
- At NH Ch: 321.850 Km – LHS (Steel)
- At NH Ch: 322.100 Km – RHS (Steel)
- At NH Ch: 322.195 Km – RHS (MDPE)
- At NH Ch: 322.211 Km – RHS (MDPE)
- At NH Ch: 323.211 Km – RHS (MDPE)
- At NH Ch: 324.206 Km – RHS (MDPE)
- At NH Ch: 324.650 Km – RHS (Steel)
- At NH Ch: 325.200 Km – RHS (MDPE)

IRM Energy Limited (IRMEL), a Company of Cadila Pharmaceuticals Ltd. is an integrated value driven energy enterprise, developing Natural Gas Distribution Projects across various district in the county for industrial, commercial, domestic and automobile customers. The company is committed towards contributing to the energy need of its consumers.

IRM Energy is granted authorization for laying, building, operating, or expanding city or Natural Gas distribution networks in Tiruchirappalli & Namakkal District under Petroleum and Natural Gas Regulatory Board (PNGRB) under 11th CGD bid round (April 2022).



It may be noted that the natural gas mainline / trunk line is quintessential for the development of CGD Network in any area wherein a CGD entity would secure connectivity from the tap-off points of a natural gas pipeline and lay its primary, secondary, and tertiary network of steel and medium density poly ethylene pipelines for supply and distribution of natural gas to domestic, transport, commercial and industrial customers.

As a part of our network expansion for supplying Natural Gas in Tiruchirappalli District, we intend to lay 12"/8" Dia. Steel & 125 mm Dia. MDPE gas pipeline (in same trench) along the NH Road shoulder. Valve chambers for underground Steel & MDPE Pipeline shall be installed at every 3 KM & MDPE Pipeline at every 1 KM interval along the pipeline route.

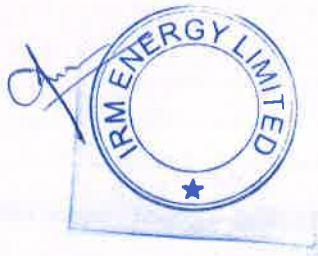
**Details of Pipeline Laying Along/Across Road:**

SR. NO.	DESCRIPTION	ALONG/ ACROSS	IRM PL Chainage (m)		LENGTH/ WIDTH (m)	LINE NAME
			START	END		
1	NH-45 (Chennai – Trichy) (From Ch. 319.350 Km to Ch. 323.850 Km)	(RHS) Along	0.00	4500.00	4500.00	From Sanjeevi Nagar Near Oyamari Road - Palpannai Junction - Senthaneerapuram (12"/8" Steel & 125 MDPE)
2	NH-45 (Chennai – Trichy) (From Ch. 321.700 Km to Ch. 322.320 Km)	(LHS) Along	0.00	620.00	620.00	From Palpannai Junction to D-Mart (12" Steel & 125 MDPE)
3	NH-45 (Chennai – Trichy) (At Ch. 322.320 Km)	Across	620.00	680.00	60.00	Near D-Mart (12" Steel & 125 MDPE)
4	NH-45 (Chennai – Trichy) (From Ch. 324.150 Km to Ch. 326.158 Km)	(RHS) Along	4500.00	6508.00	2008.00	From TVS G-Corner to TNEB Office (8" Steel & 125 MDPE)
5	NH-45 (Chennai – Trichy) (At Ch. 326.100 Km)	Across	0.00	60.00	60.00	Near Emily Technical Institute (8" Steel & 125 MDPE)
6	NH-45 (Chennai – Trichy) (From Ch. 326.100 Km to Ch. 326.158 Km)	Along (LHS)	50.00	108.00	58.00	From Emily Technical Institute to BPCL Junction (8" Steel & 125 MDPE)
Total in M					7306.00	
Total in Km					7.30	
Total in Km (Excluding railway boundary length)					7.24	



**Details of Valve Chamber:**

SR. NO.	Valve Chamber No.	Description	NHAI Chainage	Steel/MDPE	Remarks
1	16	(RHS) Sanjeevi Nagar (Near Oyamari Road) to Mannarpuram – Near KRT Carriers	320.210	MDPE	
2	15	(RHS) Sanjeevi Nagar (Near Oyamari Road) to Mannarpuram – Opposite Hyundai showroom	321.215	MDPE	
3	IV-06	(LHS) Palpannai Junction to Mannarpuram – Near Mariya Granites	321.850	Steel (IV)	
4	IV-07	(RHS) Palpannai to Mannarpuram – Opposite Sri Ranga Elite	322.100	Steel (IV)	
5	14	(RHS) Palpannai to Mannarpuram – Opposite Sri Ranga Elite	322.195	MDPE	
6	1	(RHS) Palpannai to Mannarpuram – Near Disty Pomma shop	322.211	MDPE	
7	2	(RHS) Palpannai to Mannarpuram – Opposite NS Shopping mall	323.211	MDPE	
8	3	(RHS) Palpannai to Mannarpuram – Near Jana Restaurant	324.206	MDPE	
9	IV-08	(RHS) Palpannai to Mannarpuram – Near A1 Travels and Speed Parcels	324.650	Steel (IV)	
10	4	(RHS) Palpannai to Mannarpuram – Near SFA Doors & Plywood	325.200	MDPE	





The pipeline route map is enclosed herewith; this shows the exact site of the proposed 12"/ 8" Dia. Steel & 125 mm Dia. MDPE Gas Pipeline & Location of Steel & MDPE Valve Chamber.

The pipeline will be laid at a minimum depth of 1.65 m along the road at the extreme edge of RoW. The pipeline will be laid by Open Cut Method or as per directives. No damages will be done to the road surface or any existing utilities.

While crossing the road, it will be laid at a minimum depth of 2.5 m from the TOP of the road surface or Ground level which is at the lowest level and it will be laid by HDD Method or as per directives. We ensure to retain the road to its original condition.

In order to commission these pipelines at the earliest, IRM Energy Limited requests the NHAI Trichy to kindly facilitate us in securing to augment the faster rollout of City gas distribution network in the authorized districts in the State of Tamil Nadu by granting permissions in the above-mentioned stretch and also to support the Project of National and environmental importance.

We are hereby submitting the authorization received from PNGRB along with G.O.(Ms)No.127 dated 27.05.2020 issued by Honourable Government of Tamil Nadu with common guidelines / instructions on restoration charges to be considered by various state government authorities for granting permissions to CGD entities for development of network in authorized areas.

We trust the Honourable authority finds our submission in order and we shall be happy to represent in person if the same is required by your good office.

We are ready to pay fees/charges if any, as per the Government's rules and regulations and also, to execute the agreement.

As this is a time bound project contributing to National Prosperity, most expeditious actions are requested to grant us the permission.

For any further details you may contact as below:

Contact Person - Mr. Arivazhagan. R (General Manager – PNG Projects)  
Email - arivu.r@irmenergy.com  
Contact No. - +91 - 6359858555

Thanking you.

Yours Sincerely,  
For IRM Energy Limited

Arivazhagan. R  
General Manager – PNG Projects



Encl: As above

Communication Address

Mohan Raj Ravi (Asst. Manager)  
IRM Energy Limited  
D72 Third Floor, Kanchana Enclave, 7<sup>th</sup> Cross, Thillai Nagar, Trichy – 620018  
Mob - +91 - 6353677515  
Email - mohan.ravi@irmenergy.com



## CHECK – LIST

Check list for getting approval for laying of Gas Pipeline on NH-45 (Chennai-Trichy) (Sanjeeve Nagar Near Oyamari Road-Palpani-TVS-Mannarpuram) (Chennai-Trichy) Government of India Guidelines GR No. RW/NH-33044/29/2015/S&R(R) Dtd. 22.11.2016

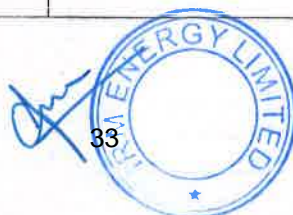
Sr. No.	Item	Information / Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant / Agency	IRM Energy Limited 4 <sup>th</sup> Floor, 8 <sup>th</sup> Block, Magnet Corporate Park, Nr. Sola Bridge, S. G. Highway, Thaltej, Ahmedabad – 380054, Gujarat	
1.2	National Highway Number	NH-45	
1.3	State	Tamil Nadu	
1.4	Location	Thiruverumbur to Tiruchirappalli City Connectivity	
1.5	(Chainage in Km)	<b>Along:</b> 1) (RHS) From Ch: 319.350 Km to Ch: 323.850 Km 2) (LHS) From Ch: 321.700 Km to Ch: 322.320 Km 3) (RHS) From Ch: 324.150 Km to Ch: 326.158 Km 4) (LHS) From Ch: 326.100 Km to 326.158 Km  <b>Across:</b> 5) At Ch: 322.320 Km 6) At Ch: 326.100 Km  <b>Location Valve Chamber:</b> 01) At Ch: 320.210 (RHS) 02) At Ch: 321.215 (RHS) 03) At Ch: 321.850 (LHS) 04) At Ch: 322.100 (RHS) 05) At Ch: 322.195 (RHS) 06) At Ch: 322.211 (RHS) 07) At Ch: 323.211 (RHS) 08) At Ch: 324.206 (RHS) 09) At Ch: 324.650 (RHS) 10) At Ch: 325.200 (RHS) 11) At Ch: 325.870 (LHS) 12) At Ch: 325.890 (LHS)	
1.6	Length in Meters	7728 m	
1.7	Width of available ROW	60 m	
	(a) Left side from center line towards increasing chainage / km direction	30 m	
	(b) Right side from center line towards increasing chainage / km direction	30 m	



*A. N. Ravankar*

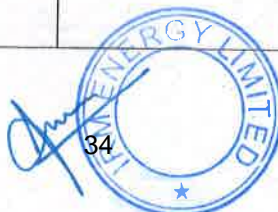
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 PIU-TRICHY - 820 001.

1.8	Proposal to lay underground Gas pipeline	Yes	
	(a) Left side from center line towards increasing chainage / km direction	Yes	
	(b) Right side from center line towards increasing chainage / km direction	Yes	
1.9	Proposal to acquire Land	N.A.	
	(a) Left side from center line	N.A.	
	(b) Right side from center line	N.A.	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the Pipeline	N.A.	
1.11	Details of already laid services, if any, along the proposed route	N.A.	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	4 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)	6 Lane	
1.14	Service Road existing or not	YES	
	If yes then which side		
	(a) Left side from center line	Yes, Show in Drawings	
	(b) Right side from center line	Yes, Show in Drawings	
1.15	Proposed Service Road	N.A	
	(a) Left side from center line	N.A	
	(b) Right side from center line	N.A	
1.16	Whether proposal to lay Gas pipeline is after the service road or between the service road and main carriageway	After the Service Road and Close to ROW	
1.17	The permission for laying of Gas pipeline shall be considered for approval / rejection based on the Ministry Circulars as per Government of India, MORT&H guidelines RW/NH-33044/29/2015/S&(R) on Dated-22nd Nov 2016.	YES	
	(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 Gas.	YES	
	(b) Carrying of Gas pipelines on bridges shall not be discouraged. However, if the Gas authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs etc.	YES	



Art. Maveen  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

	(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.	YES	
	(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.	YES	
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) The utility services shall cross the National Highway preferably on a line normal to it or as nearly show as practicable. IRM Energy Limited 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.	YES	
	(c) The casing pipe may be installed under the route embankment either by boring or digging a trench. Installation by boring method shall preferred.	YES	
	(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.	YES	
	(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	YES	
	(f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	YES	



  
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	(g) The top of the casing / conduit pipe should be at least 2.50 meter below the surface of the road subject to being at least 0.3 meter 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 Gas way along it.	YES	
2	Document / Drawings enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method. (Is it normal size of 1.65-meter-deep X 0.600 meter wide)  (i) Should not be greater than 60 cm wider than the outer diameter of the pipe (ii) located as close to the extreme edge of the right-of-way as possible but the utility services shall cross the National Highway preferably on a line normal to it or as nearly so as practicable. (iii) The casing pipe shall be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred. (iv) 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 (v) 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.	Enclosed	
2.2	Cross section showing the size of pit and location of Pipeline for Open Cut Method	Enclosed	
2.3	Strip plan / Route plan showing Gas pipeline, Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed	
2.4	Methodology for laying of Gas pipeline	Enclosed	





2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	YES	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	YES	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value.	YES	
	(c) Unsuitable soil and rock edged should be excavated and replaced by selected material.	YES	
	(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.	YES	
	(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.	YES	
	(f) 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 deep at the trench.	YES	
	(g) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	YES	
	(h) 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	Enclosed	
2.4.3	Laying of Gas pipeline through CD works and method of laying	N.A.	
	The utility services shall cross the National Highway preferably on a line normal to it for as nearly so as practicable and subject to all other stipulations contained in this Ministry's guidelines issued with letter No. RW/NH-33044/29/2015/S&R(R) – Dtd. 22nd November, 2016	N.A.	
3	Draft License Agreement signed by two witnesses	Draft License Agreement enclosed duly signed by two witnesses	



4	Performance Bank Guarantee in favor 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 (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 50 meters 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.	IRM Energy Limited Submit at the time of permission	
4.1	Performance BG as per above is to be obtained	YES	
4.2	Confirmation of BG has been obtained as per MoRTH's guidelines	Will confirm At the time of permission	
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Renewal of Bank Guarantee	Will be done	
5.3	Confirming all standard condition of MoRTH's guidelines	Enclosed	
5.4	Shifting of Gas Pipeline as and when required by NHAI at IRMEL's own cost	Enclosed	
5.5	Shifting due to 6/8 lanning / widening of NH	Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	
5.7	Traffic movement during laying of Gas pipeline to be managed by the applicant	Enclosed	
5.8	If any claim is raised by the Concessionaire, then the same has to be paid by the applicant	Enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations showing Gas Pipeline located in the National Highway right-of-ways.	Enclosed	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by laying, maintenance or shifting of the Gas Pipeline will be borne by the agency owning the line.	Enclosed	
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.	Enclosed	
5.12	Certificate from the applicant in the following format	Enclosed	



A.N. Praveen  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA





9	Who will supervise the work of laying of Gas Pipeline	IRM Energy Limited	
10	Who will ensure that the defects in road portion after laying of PNG Gas Supply Pipeline are corrected and if not corrected then what action will be taken	NHAI, PIU, Trichy	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire	IRM Energy Limited	
12	A certificate from Project Director, NHAI, PIU, Trichy that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)		
13	If any previous approval is accorded for laying of underground Gas Pipeline, then Photocopy of register of records of permissions accorded as maintained by Project Director, NHAI, PIU, Trichy then copy be enclosed		



*A.N. Plaver*  
**DGM (T) & PROJECT DIRECTOR**  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
**PIU-TRICHY - 620 001.**

For IRM Energy Limited

*Arivazhagan. R*  
**General Manager – PNG Projects**





### Dia & Chainage Wise Steel Pipeline Details with methodology

Laying By Open Cut 219.1 mm Dia Chainage Details (Along)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	319.473	319.608	135	Refer Drawing no. 1 (TYPICAL TRENCH DETAILS OF PIPELINE FOR ALONG THE ROAD BY OPEN CUT METHOD)
2	319.698	319.743	45	
3	320.118	320.198	80	
4	320.338	320.453	115	
5	320.655	320.955	300	
6	320.955	321.165	210	
7	321.781	321.796	15	
8	322.036	322.148	112	
9	324.337	324.622	285	
10	325.222	325.387	165	
11	325.675	325.710	35	
12	325.850	325.900	50	
13	325.930	326.015	85	
14	326.055	326.105	50	
15	326.100	326.158	58	
Total length			1740	
Total length (Exculding Railway Boundary)			1680	

Laying By HDD 219.1 mm Dia Chainage Details (Along)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	319.350	319.473	123	Refer Drawing no. 3 (TYPICAL HDD DETAILS OF PIPELINE FOR ACROSS THE ROAD BY HDD METHOD ONLY)
2	319.608	319.698	90	
3	319.743	320.118	375	
4	320.198	320.338	140	
5	320.453	320.655	202	
6	321.165	321.380	215	
7	321.380	321.781	401	
8	321.796	322.036	240	
9	322.148	322.284	136	
10	324.150	324.337	187	
11	324.622	325.222	600	
12	325.387	325.675	288	
13	325.710	325.850	140	
14	325.900	325.930	30	
15	326.015	326.055	40	
16	326.105	326.158	53	
Total Length			3260	

Laying By Open Cut 323.9 mm Dia Chainage Details (Along)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	322.538	322.663	125	Refer Drawing no. 2 (TYPICAL TRENCH DETAILS OF PIPELINE FOR ALONG THE ROAD BY OPEN CUT METHOD)
2	323.563	323.823	260	
3	321.845	321.895	50	
4	322.120	322.320	200	
Total Length			635	

Laying By HDD 323.9 mm Dia Chainage Details (Along)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	322.284	322.538	254	Refer Drawing no. 4 (TYPICAL HDD DETAILS OF PIPELINE FOR ACROSS THE ROAD BY HDD METHOD ONLY)
2	322.663	323.563	900	
3	323.823	323.850	27	
4	321.700	321.845	145	
5	321.895	322.120	225	
Total Length			1551	

Laying By HDD 219.1 mm Dia Chainage Details (Across)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	326.100	326.100	60	Refer Drawing no. 5 (TYPICAL HDD DETAILS OF PIPELINE FOR ACROSS THE ROAD BY HDD METHOD ONLY)
Total Length			60	

Laying By HDD 323.9 mm Dia Chainage Details (Across)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	322.320	322.320	60	Refer Drawing no. 6 (TYPICAL HDD DETAILS OF PIPELINE FOR ACROSS THE ROAD BY HDD METHOD ONLY)
Total Length			60	

Final Total Length (Steel)	
Laying By Open Cut 219.1 mm Dia Chainage Details (Along)	1680
Laying By HDD 219.1 mm Dia Chainage Details (Along)	3260
Laying By Open Cut 323.9 mm Dia Chainage Details (Along)	635
Laying By HDD 323.9 mm Dia Chainage Details (Along)	1551
Laying By HDD 219.1 mm Dia Chainage Details (Across)	60
Laying By HDD 323.9 mm Dia Chainage Details (Across)	60
Total Length in Mtr	7246
Total Length in KM	7.24



### Chainage Wise MDPE Pipeline Details with methodology

Laying By Open Cut MDPE 125 mm Dia Chainage Details (Along)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	319.473	319.608	135	Refer Drawing no.s 1 & 2 (TYPICAL TRENCH DETAILS OF PIPELINE FOR ALONG THE ROAD BY OPEN CUT METHOD)
2	319.698	319.743	45	
3	320.118	320.198	80	
4	320.338	320.453	115	
5	320.655	320.955	300	
6	320.955	321.165	210	
7	321.781	321.796	15	
8	322.036	322.148	112	
9	322.538	322.663	125	
10	323.563	323.823	260	
11	324.337	324.622	285	
12	325.222	325.387	165	
13	325.675	325.710	35	
14	325.850	325.900	50	
15	325.930	326.015	85	
16	326.055	326.105	50	
17	321.845	321.895	50	
18	322.120	322.320	200	
19	326.100	326.158	58	
Total Length			2375	
Total Length (Excluding Railway Boundary)			2315	

Laying By HDD MDPE 125 mm Dia Chainage Details (Along)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	319.350	319.473	123	Refer Drawing no.s 3 & 4 (TYPICAL TRENCH DETAILS OF PIPELINE FOR ALONG THE ROAD BY OPEN CUT METHOD)
2	319.608	319.698	90	
3	319.743	320.118	375	
4	320.198	320.338	140	
5	320.453	320.655	202	
6	321.165	321.380	215	
7	321.380	321.781	401	
8	321.796	322.036	240	
9	322.148	322.284	136	
10	322.284	322.538	254	
11	322.663	323.563	900	
12	323.823	323.850	27	
13	324.150	324.337	187	
14	324.622	325.222	600	
15	325.387	325.675	288	
16	325.710	325.850	140	
17	325.900	325.930	30	
18	326.015	326.055	40	
19	326.105	326.158	53	
20	321.700	321.845	145	
21	321.895	322.120	225	
Total Length			4811	

Laying By HDD MDPE 125 mm Dia Chainage Details (Across)				
S.No	Starting Chainage	End Chainage	Total Length in mtrs.	Remarks
1	322.320	322.320	60	Refer Drawing no.s 5 & 6 (TYPICAL HDD DETAILS OF PIPELINE FOR ACROSS THE ROAD BY HDD METHOD ONLY)
2	326.100	326.100	60	
Total Length			120	

Final Total Length (MDPE)	
Laying By Open Cut MDPE 125 mm Dia Chainage Details (Along)	2315
Laying By HDD MDPE 125 mm Dia Chainage Details (Along)	4811
Laying By HDD MDPE 125 mm Dia Chainage Details (Across)	120
Total Length in Mtr	7246
Total Length in KM	7.24

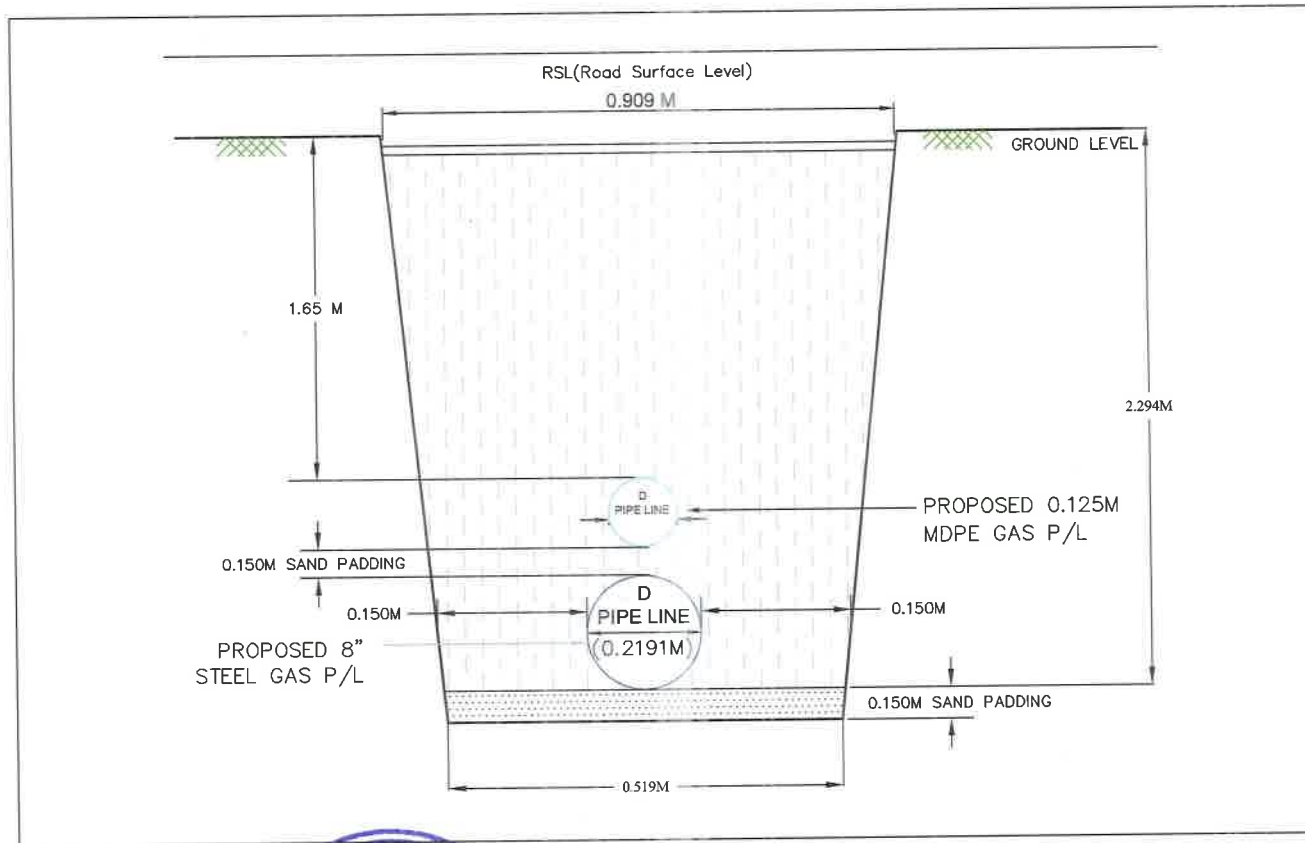




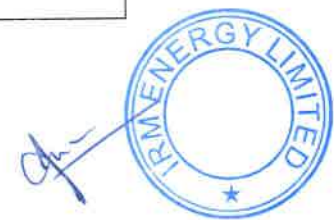
Chainage wise Steel and MDPE Valve chamber Details					
323.9 MM (12 Inch) Valve Chamber Details with Chainage					
S.No	Chainage	Valve Dia(mtr)	Length(mtr)	Width(mtr)	Remarks
1	321.850	0.3239	2.685	1.9	Refer Drawing no. 7 (12" ISOLATION VALVE CHAMBER)
219.1 MM (8 Inch)Valve Chamber Details with Chainage					
S.No	Chainage	Valve Dia	Length	Width	Remarks
1	322.100	0.2191	2.8	1.9	Refer Drawing no. 8 (8" FUTURE TAP OFF VALVE CHAMBER (FT-03))
2	324.650	0.2191	2.8	1.9	
125 MM Valve Chamber Details with Chainage					
S.No	Chainage	Valve Dia(mtr)	Length(mtr)	Width(mtr)	Remarks
1	320.210	0.125	0.95	0.95	Refer Drawing no. 9 (TYPICAL DETAILS OF RCC VALVE CHAMBER WITH FRAME AND COVER)
2	321.215	0.125	0.95	0.95	
3	322.195	0.125	0.95	0.95	
4	322.211	0.125	0.95	0.95	
5	323.211	0.125	0.95	0.95	
6	324.206	0.125	0.95	0.95	
7	325.200	0.125	0.95	0.95	



## DRAWING NO:1

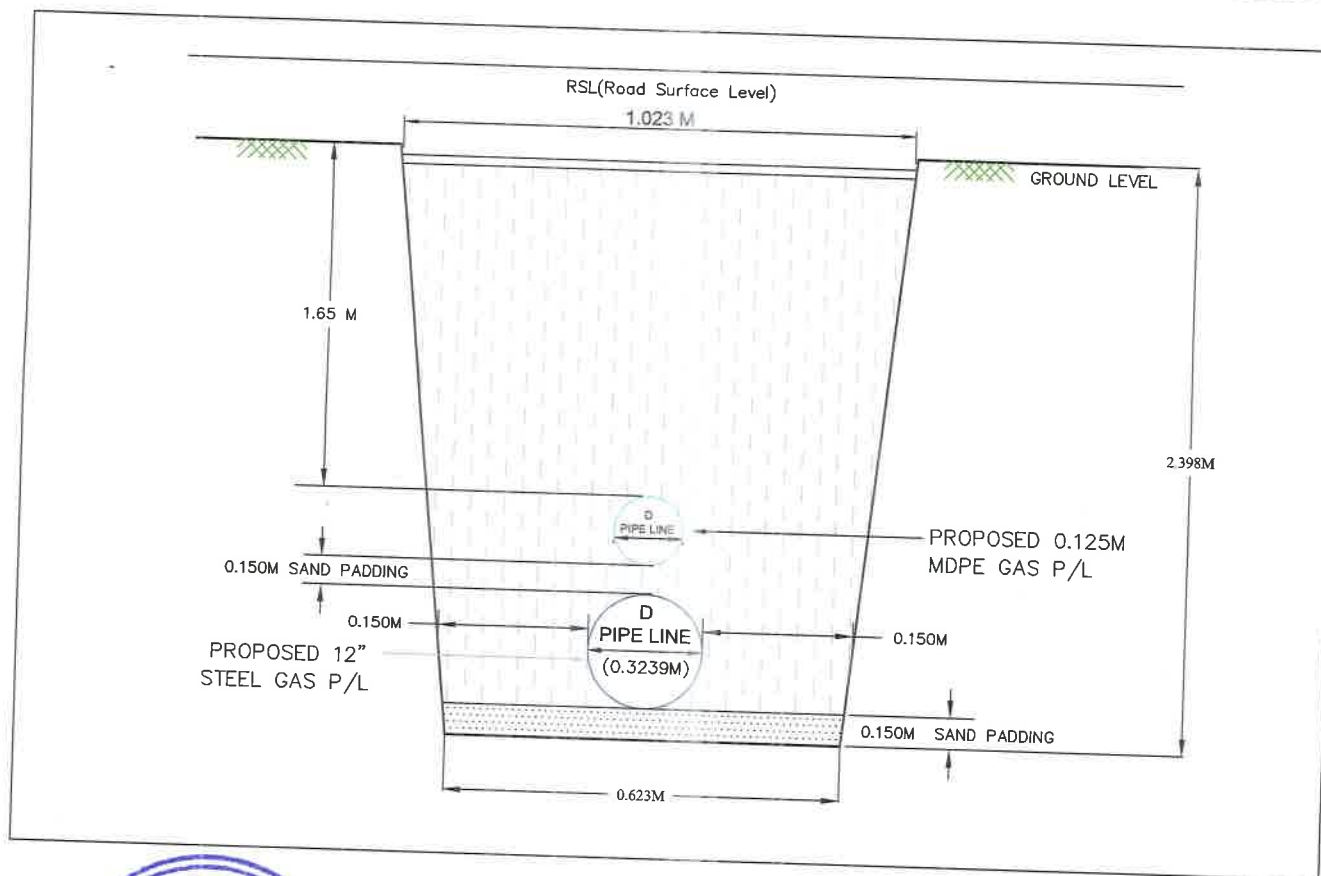
**TYPICAL TRENCH DETAILS OF PIPELINE FOR ALONG THE ROAD BY OPEN CUT METHOD**

A.N. Praveen Kumar  
 DGM (T) & PROJECT DIRECTOR  
 NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 PIU-TRICHY - 620 001.



N.T.S.

**TYPICAL TRENCH DETAILS OF PIPELINE FOR ALONG THE ROAD BY OPEN CUT METHOD**



A.N. Praveen Kumar  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.



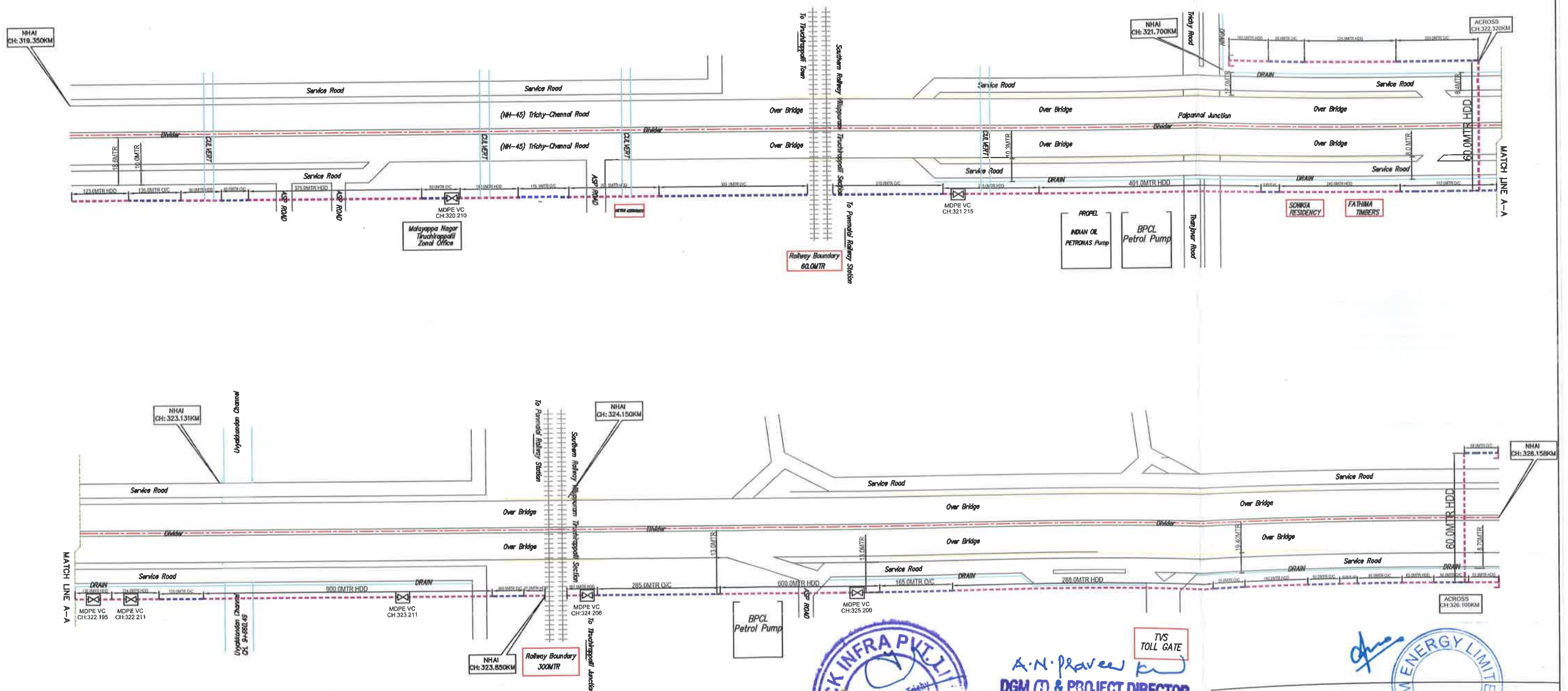
N.T.S.







# SCHEMATIC DRAWING FOR SANJEEVE NAGAR NEAR OYAMARI ROAD - PALPANNAI JUNCTION - TVS - BPCL MANARPURAM P/L PROJECT



## LEGEND:

- PROPOSED MDPE P/L BY HDD METHOD
- PROPOSED MDPE P/L BY O/C METHOD
- MDPE VALVE CHAMBER
- HDD--: HORIZONTAL DIRECTIONAL DRILLING
- O/C--: OPEN CUT

## LEGEND:

125MM MDPE PIPE LINE 7246.00MTR.

NOTE--: PIPELINE WILL BE LAID AT THE EDGE OF THE ROU



A.N. Praveen  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

TVS  
TOLL GATE



CLIENT: IRM Energy M/s. IRM ENERGY LTD.

PROJECT: 125MM Ø MDPE FROM SANJEEVE NAGAR NEAR OYAMARI ROAD - PALPANNAI JUNCTION - TVS - BPCL MANARPURAM P/L PROJECT

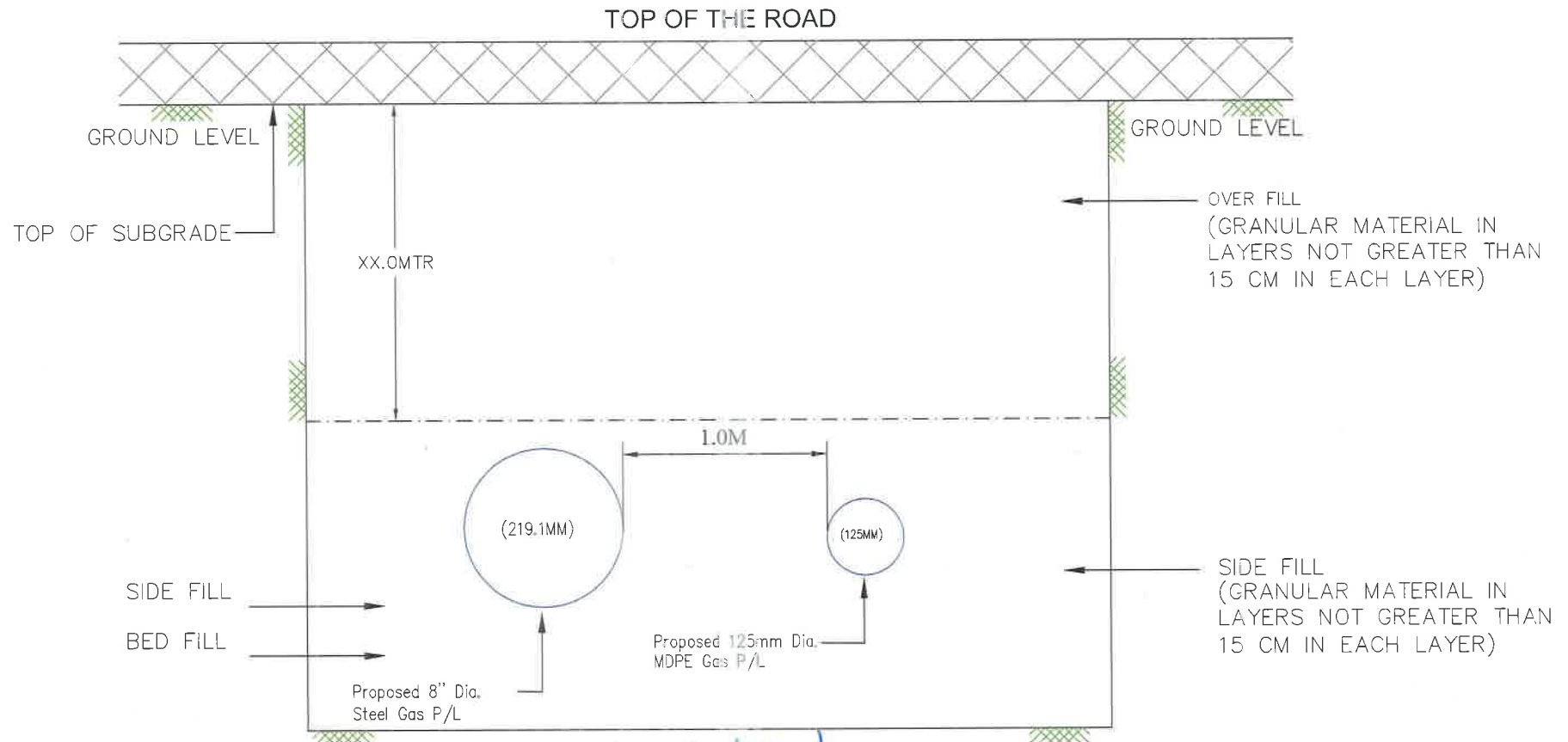
TITLE: VALVE CHAMBER SCHEMATIC DIAGRAM

SCALE	SIZE	SHEET	DRAWING NO.	REV
NTS	A3	1 OF 1	IRMEL/TIRUCHIRAPPALLI NH-45/GA/SCH-02	00

REV No.	DATE	REVISIONS	BY	CHKD	REVIEWED/ WITNESS	APPD.

ISSUE RECORD

# **TYPICAL HDD DETAILS OF PIPELINE FOR ALONG THE ROAD BY HDD METHOD ONLY**



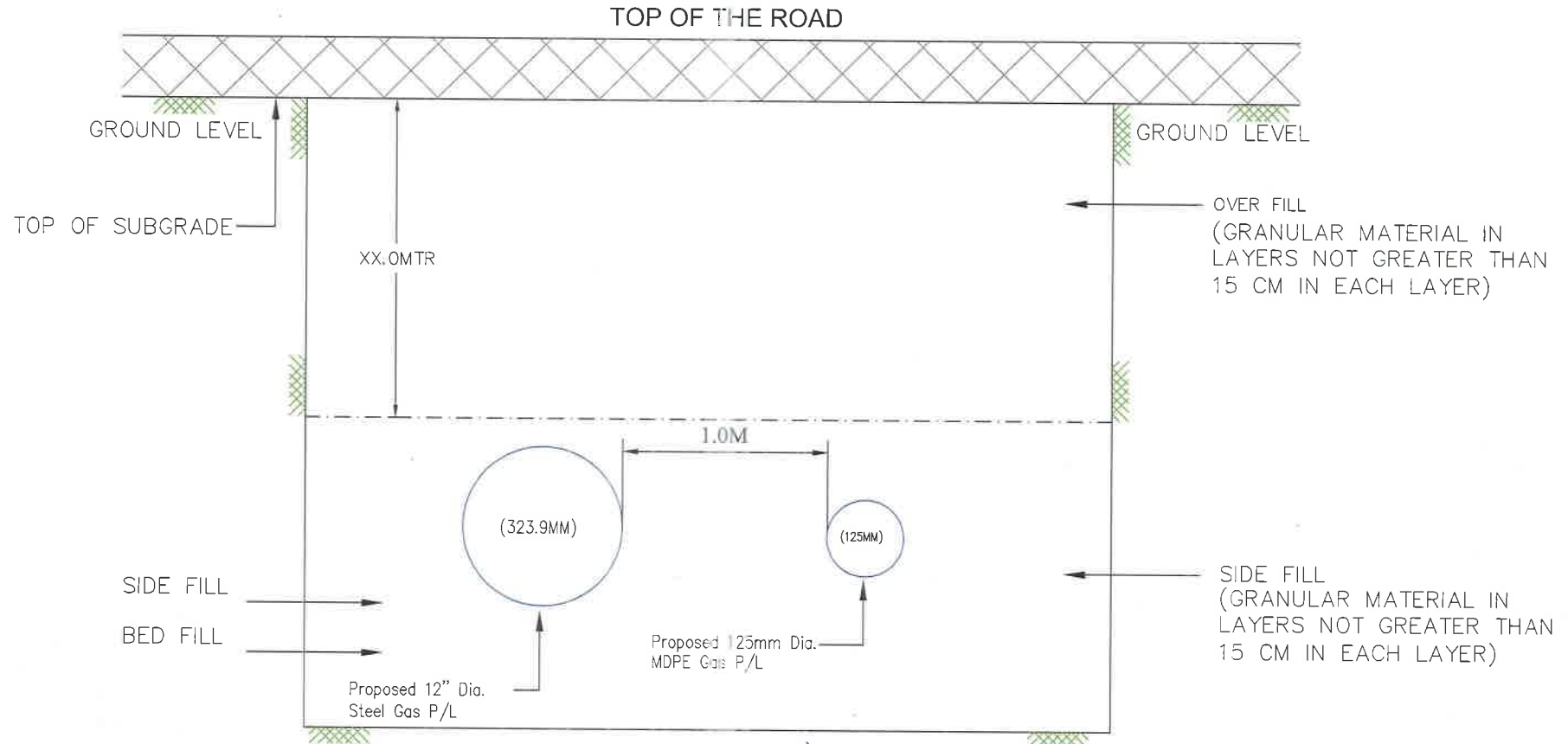
(GRANULAR MATERIAL  
FREE FROM LUMPS,  
COLDS AND CABLES)

*A.N. Phares*  
**DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.**



NOTE:- XX-Based On The Side Condition Depth Will Vary  
(Minimum-1.65MTR Depth Will Maintain)

# **TYPICAL HDD DETAILS OF PIPELINE FOR ALONG THE ROAD BY HDD METHOD ONLY**



(GRANULAR MATERIAL  
FREE FROM LUMPS,  
COWS AND CABLES)

*A. N. Phavee Kan*  
**DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.**

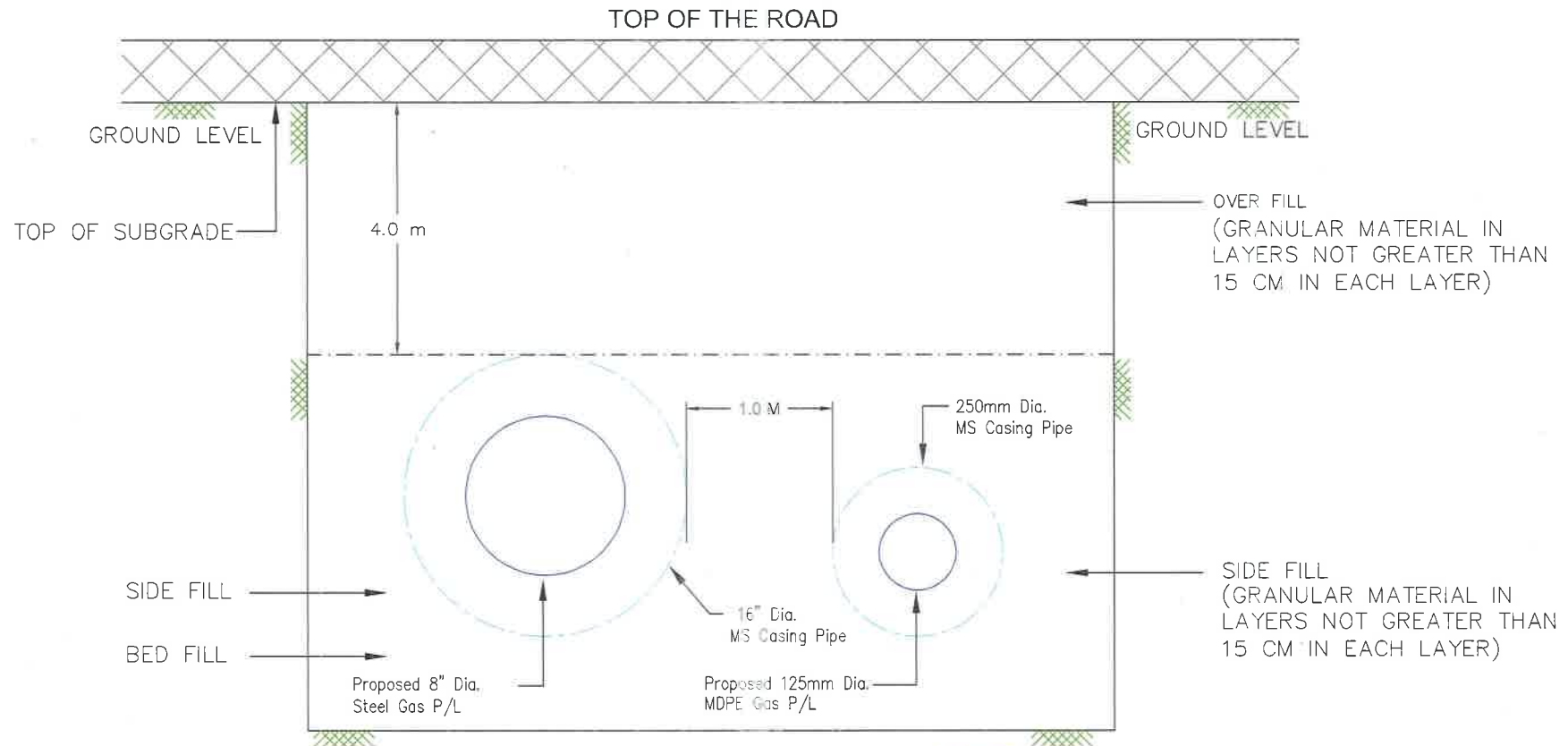
NOTE—: XX—Based On The Side Condition Depth Will Vary  
(Minimum—1.65MTR Depth Will Maintain)





DRAWING NO:05

## TYPICAL HDD DETAILS OF PIPELINE FOR ACROSS THE ROAD BY HDD METHOD ONLY



(GRANULAR MATERIAL  
FREE FROM LUMPS,  
COLDS AND CABLES)

*A.N. Praveen Kumar*  
**DGM (T) & PROJECT DIRECTOR**  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
**PIU-TRICHY - 620 001.**

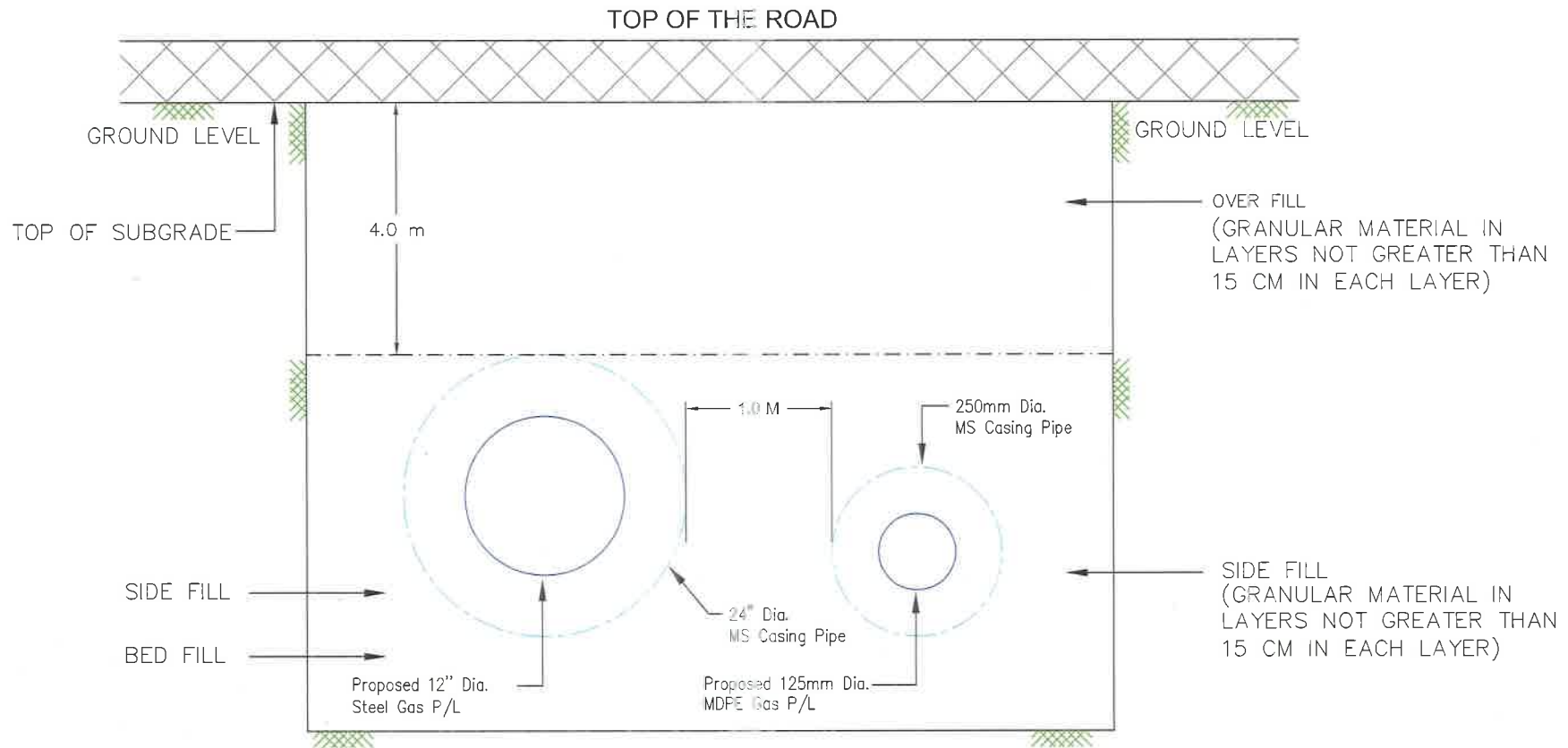


N.T.S.



DRAWING NO:06

## **TYPICAL HDD DETAILS OF PIPELINE FOR ACROSS THE ROAD BY HDD METHOD ONLY**



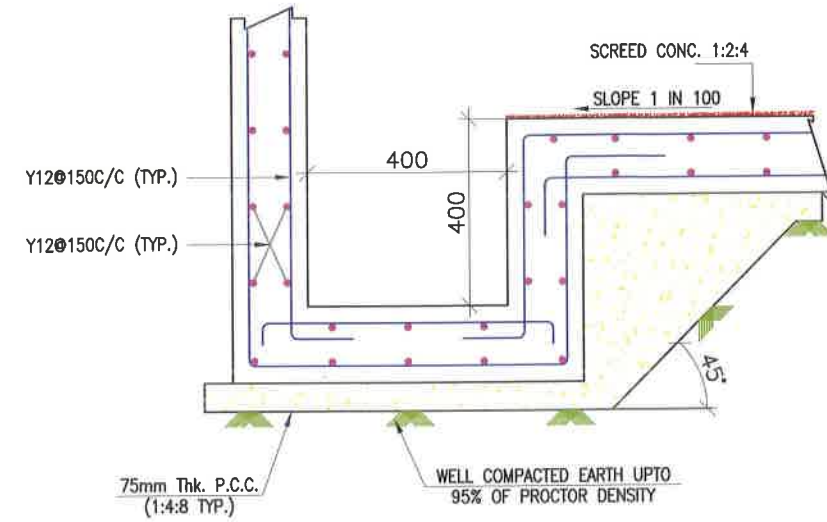
(GRANULAR MATERIAL  
FREE FROM LUMPS,  
COWS AND CABLES)

*A.N. Praveen Kumar*  
**DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.**

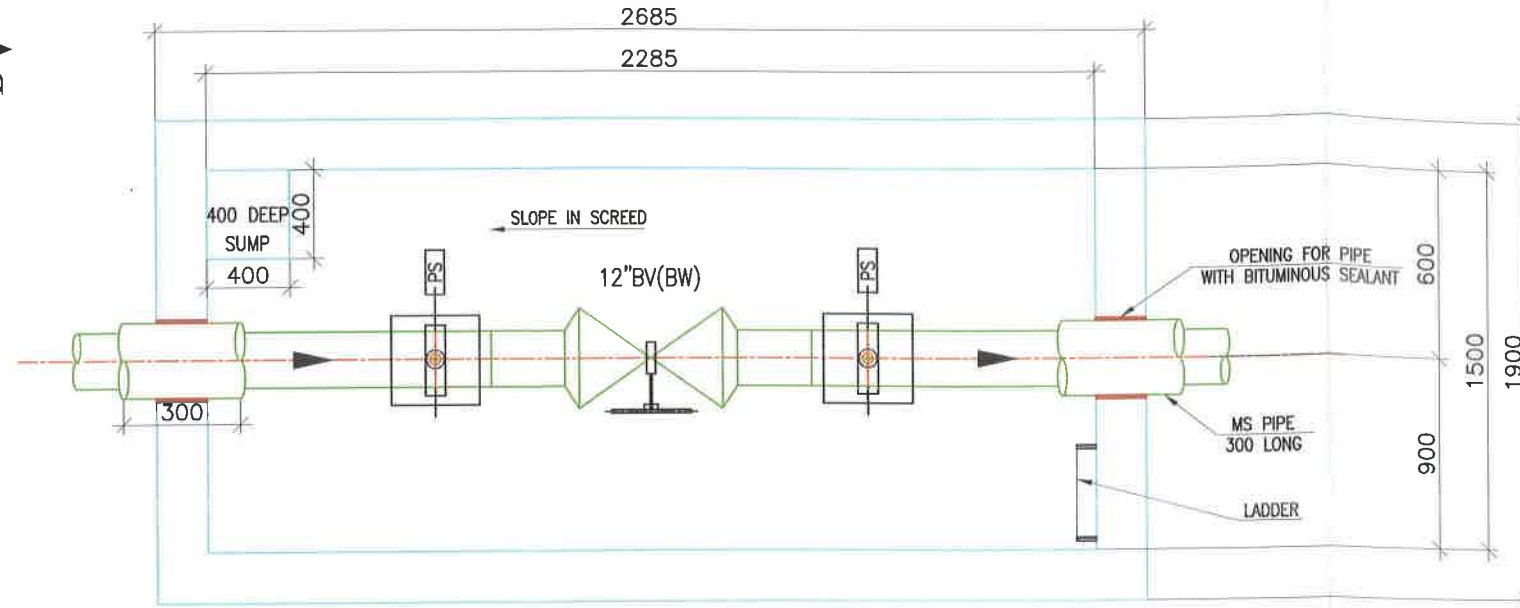


N.T.S.

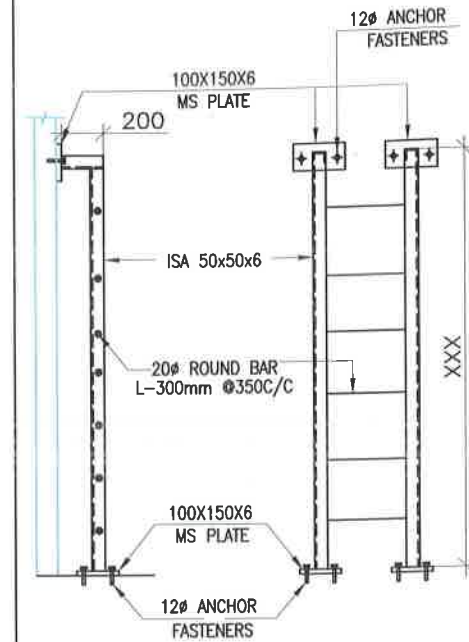
DRAWING NO: 07



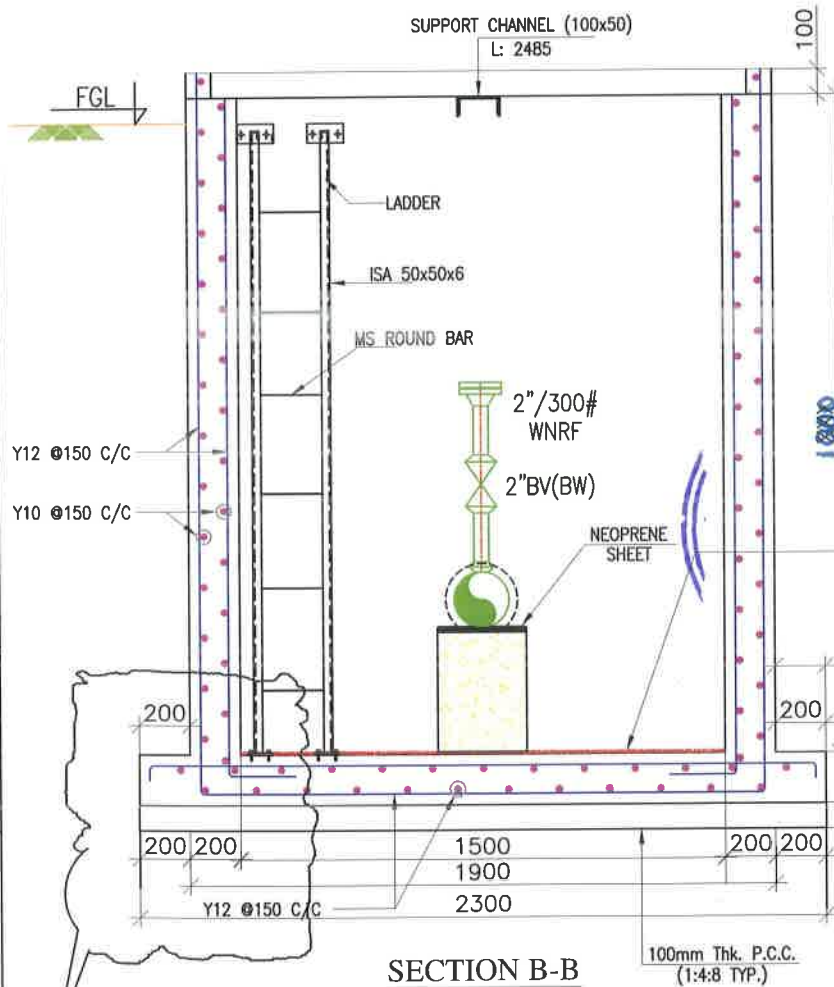
## SECTION 1-1



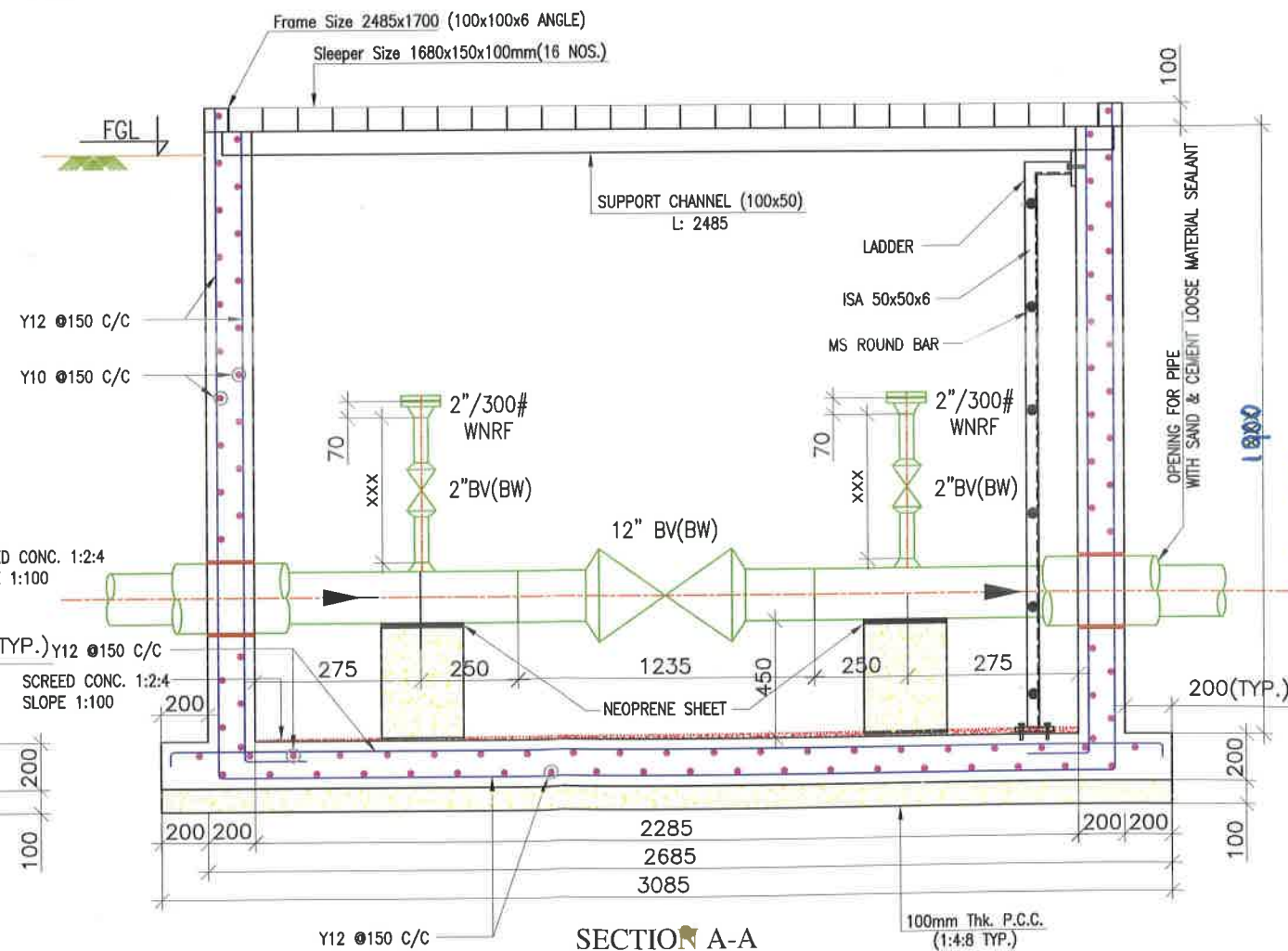
### PLAN VIEW



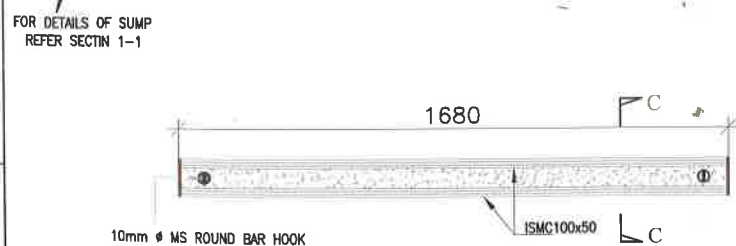
### LADDER DETAIL



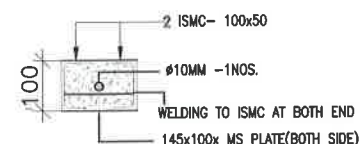
SECTION B-B



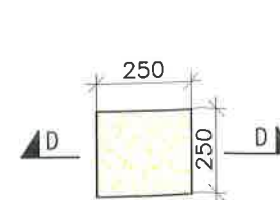
## SECTION A-A



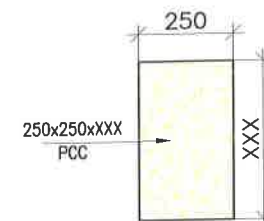
## SLEEPER PLAN



SECTION C-C



PLAN 53  
PIPE SUPPORT DETAIL



SECTION D-D

A.N. Plavchenko

DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

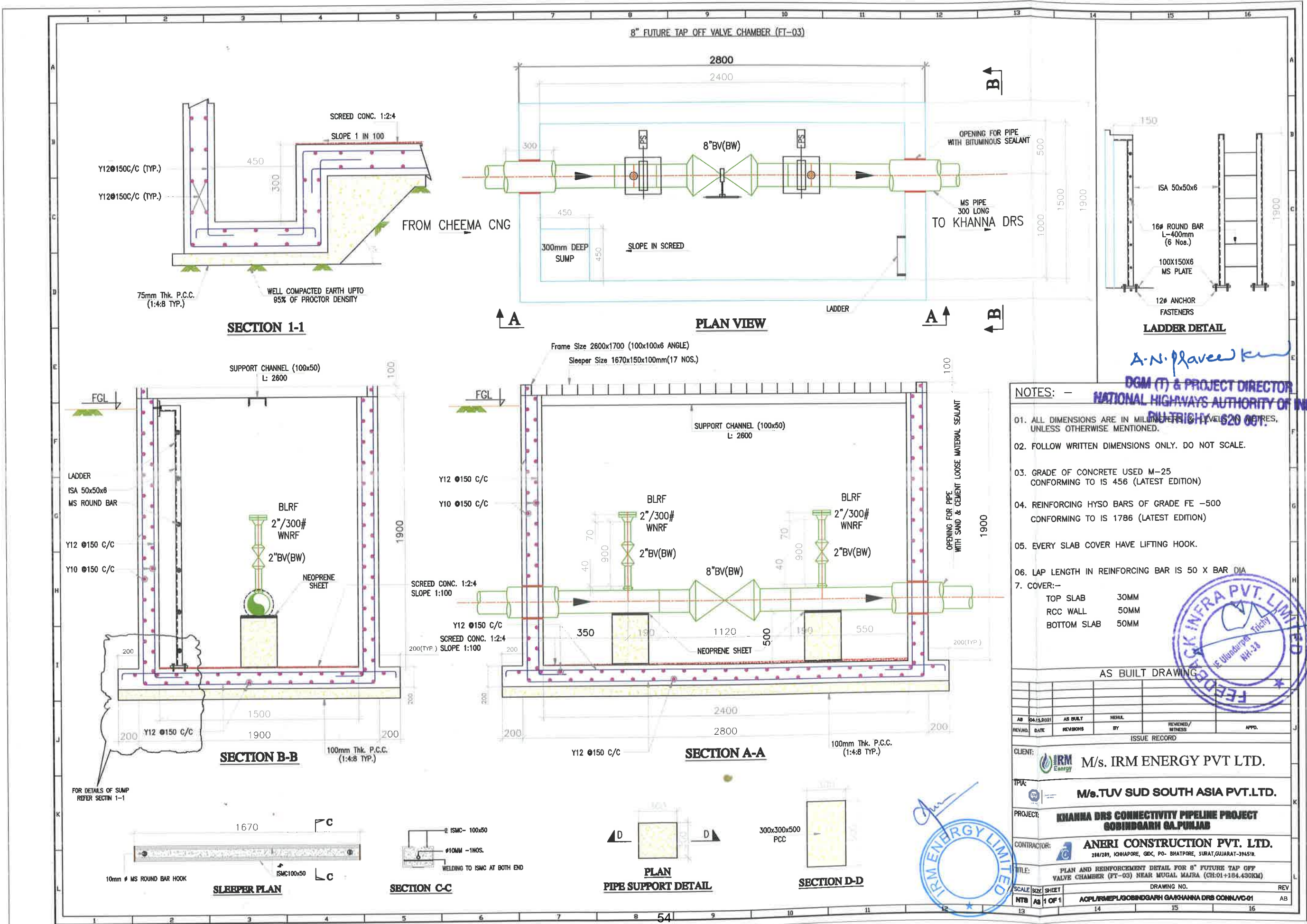


NOTES: —

01. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS IN METERS, UNLESS OTHERWISE MENTIONED.
02. FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE.
03. 'XXX' DISSENSIONS ARE AS PER SITE CONDITION.
04. GRADE OF CONCRETE USED M-25  
CONFORMING TO IS 456 (LATEST EDITION)
05. REINFORCING HYSO BARS OF GRADE FE -500  
CONFORMING TO IS 1786 (LATEST EDITION)
06. EVERY SLAB COVER HAVE LIFTING HOOK.
07. LAP LENGTH IN REINFORCING BAR IS 50 X BAR DIA
08. COVER:-

TOP SLAB	30MM
RCC WALL	50MM
BOTTOM SLAB	50MM





**NOTES:** -

DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
BHU TRICHY - 620 001.

01. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE MENTIONED.

02. FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE.

03. GRADE OF CONCRETE USED M-25 CONFORMING TO IS 456 (LATEST EDITION)

04. REINFORCING HYSO BARS OF GRADE FE -500 CONFORMING TO IS 1786 (LATEST EDITION)

05. EVERY SLAB COVER HAVE LIFTING HOOK.

06. LAP LENGTH IN REINFORCING BAR IS 50 X BAR DIA

07. COVER:-

TOP SLAB	30MM
RCC WALL	50MM
BOTTOM SLAB	50MM

**AS BUILT DRAWING**

REVNO.	DATE	REVISIONS	BY	REVIEWED/ WITNESS	APPRO.
AS	04.12.2021	AS BUILT	MEHRA		

**CLIENT:** M/s. IRM ENERGY PVT LTD.

**TPA:** M/s.TUV SUD SOUTH ASIA PVT.LTD.

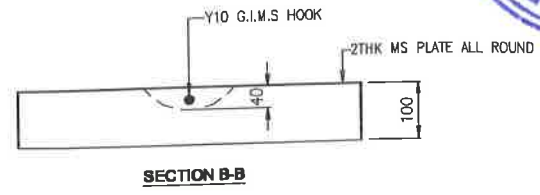
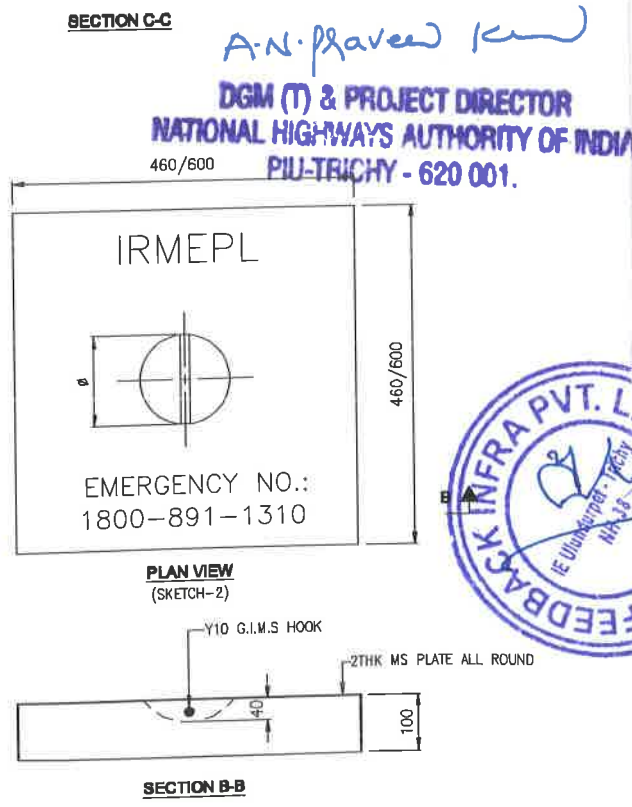
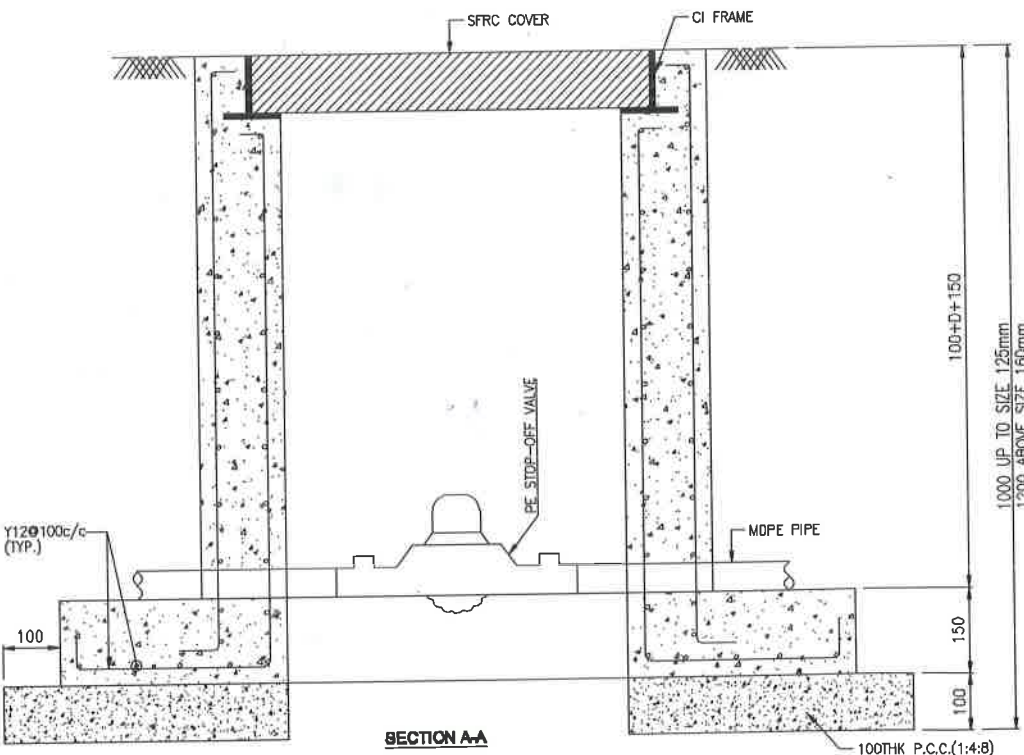
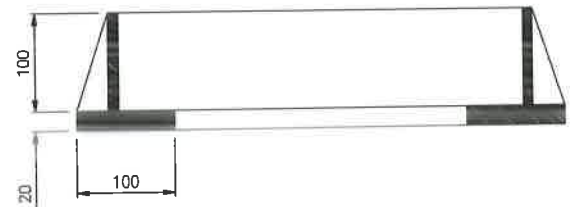
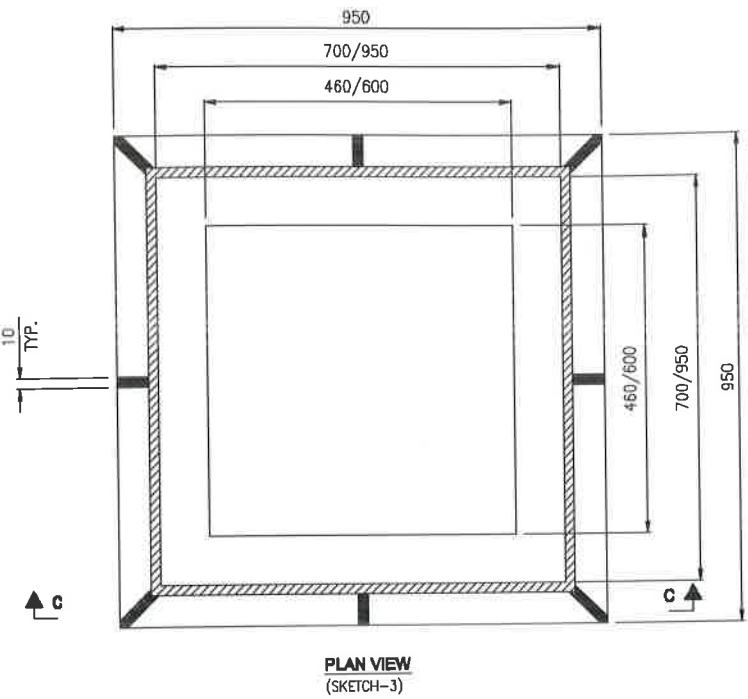
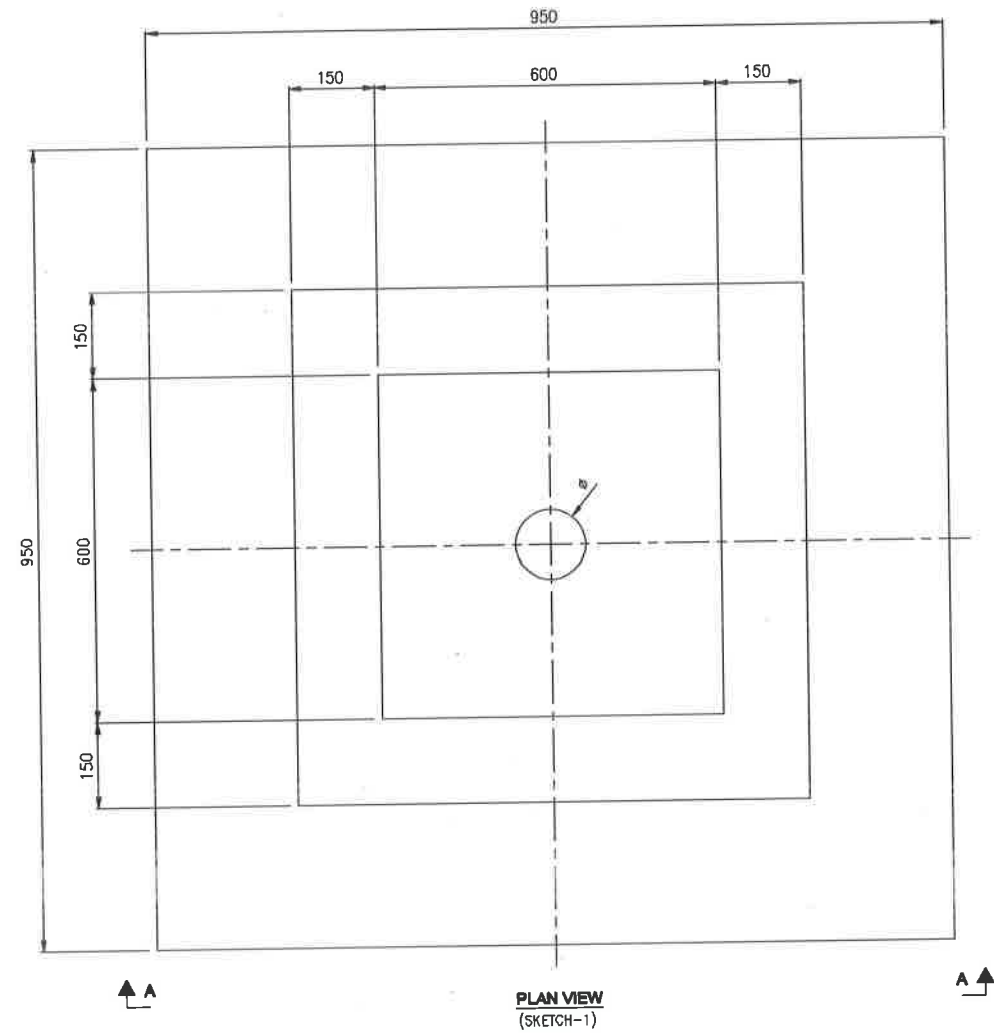
**PROJECT:** KHANNA DRS CONNECTIVITY PIPELINE PROJECT @BIBINBAHAR GA.PUNJAB

**CONTRACTOR:** ANERI CONSTRUCTION PVT. LTD.  
280/281, KCHAPORE, GDC, PO- BHATPORE, SURAT, GUJARAT-394519.

**TITLE:** PLAN AND REINFORCEMENT DETAIL FOR 8" FUTURE TAP OFF VALVE CHAMBER (FT-03) NEAR MUGAL MAJRA (CH:01+184.430KM)

SCALE	SZY	SHEET	DRAWING NO.	REV
NTB	AS	1 OF 1	ACPL/IRMEPL/GOBINDGARH GA/KHANNA DRS CONN/VC-01	AB

TYPICAL DETAILS OF RCC VALVE CHAMBER WITH FRAME AND COVER



NOTE:-

1. ALL DIMENSIONS ARE IN mm.
2. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSIONS ONLY.
3. THE CONCRETE SHALL HAVE A CHARACTERISTICS STRENGTH OF 20N/MM<sup>2</sup>.
4. THE COVER FOR R/F SHALL BE 40mm ON OUTER FACES AND 25mm INNER FACE.
5. THE SFRC COVER SHALL HAVE REINFORCED CONCRETE OF GRADE M-35 CONFIRMED TO IS:456-1978.
6. DEBRIS BACKFILL TO BE REMOVED AND GOOD EARTH TO BE FILLED IN AREA OF 1.6MX1.6M WITH PROPER COMPACTION AND CONSOLIDATION BY WATER.
7. GASKET OF RUBBER OR ANY OTHER EQUIVALENT MATERIAL OF MATCHING DIMENSIONS SHALL BE SUPPLIED & USED BY THE CONTRACTOR TO PREVENT INGRESS OF WATER INTO THE VALVE PIT.
8. 75THK PCC(1:2:4) OF DIMENSION 300X300 FOR VALVE OF SIZES FROM 63 TO 125 SHOULD BE PROVIDED FOR SUPPORTING THE PE STOP OFF VALVE AT THE BASE. RUBBER SHEET OF MIN. 6THK. SHOULD BE PROVIDED BETWEEN BASE OF THE VALVE AND PCC TOP SURFACE.

1. ALL DIMENSIONS ARE IN mm.
2. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSIONS ONLY.
3. THE SFRC COVER SHALL HAVE REINFORCED CONCRETE OF GRADE M-35 CONFIRMED TO IS:456-1978.
4. HEAVY LOAD TEST : SUITABLE FOR CLASS A LOADING.
5. PERFORMANCE REQUIREMENTS.
  - a) SAMPLING AND CRITERIA FOR CONFORMITY. AS PER IS:12592(PART-1)-1998
  - b) LOAD TEST: AS PER OS:12592(PART-1)-1998
  - c) INSPECTION AND MANUFACTURES GUARANTEE: AS PER IS:12592(PART-1)-1998.

1. ALL DIMENSIONS ARE IN mm.
2. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSIONS ONLY.
3. GRADE FG150 OF IS:240-1978.
4. HEAVY LOAD TEST : SUITABLE FOR CLASS A LOADING.



IRM Energy Pvt. Ltd.

TITLE : TYPICAL DETAILS OF RCC VALVE CHAMBER WITH FRAME AND COVER

STATUS : ISSUED FOR PO

SCALE	SHEET	DRAWING NO.	REV.
NTS	1 OF 1	IRMEPL/PE/DWG-08	00



# TrichyPadalurTollwaysPrivateLimited

(Formerly known as Indu Navayuga Info Project (P) Ltd)



**TPTPL/O&M/2024/165/IE**

**29/06/2024**

**To**  
**The Team Leader,**  
**M/s. Feedback Infra Private Limited**  
**Plot No.4, Ground Floor,**  
**Gokulam Colony,**  
**Bikshandar Koil,**  
**Trichy - 621216**  
**Email: ie.ulundurpet@gmail.com**

**Dear Sir,**

**Project:** Four laning and strengthening of Padalur to Trichy section from Km 285/000 to 325/000 of NH-38 in the state of Tamil Nadu on Build, Operate and Transfer BOT basis (Package VIC).

**Sub :** **Permission for laying proposed 12"/18" dia steel & 125 mm dia MDPE gas pipeline along /across from Sajeeve Nagar oyamari road - Palpannai Junction – TVS – Mannarpuram for Trichy City Connectivity to develop CGD network in Trichy City of Trichy District – Concessionaire report – reg.**

**Ref. 1- NHAI/PD/TRY/P-T/Retail Outlet/2024/1119 dated 10/06/2024.**

This is in reference to request from M/s. IRM Energy- Gujarath (Applicant) forwarded by Authority letter cited (1) above advising to examine the site condition , proposed project works subsisting encumbrance of structures, trees, OFC etc for laying 12"/18" dia steel & 125 mm dia MDPE gas pipeline along /across from Sajeeve Nagar oyamari road - Palpannai Junction – TVS – Mannarpuram for Trichy City Connectivity to develop CGD network in Trichy City of Trichy District.

In view of the above, a joint inspection has been carried out by Concessionaire , IE & the representative from M/s. IRM Energy and the report are as follows for your ready reference;

As per the drawing enclosed by M/s. IRM Energy following are the encumbrance observed

- 1- **KM 321/031 (RHS) :** ROB in Ariyamangalam location & railway crossing exists. Hence related permission may be obtained to the Authority Concerned of Railway Department prior executing the work.
- 2- **KM 323/000 to KM 323/850 (RHS) :** There is no land available at KM 323/000 to KM 323/850 (RHS) in Senthaneerpuram. In order to execute the work, the laying may not be possible to proceed along RHS, hence the laying shall be executed only at LHS direction at Senthaneerpuram Location.

Corporate Identity Number  
 CINU45200TN2006PTC085149  
**Registered & Corporate Office**  
 Sy/96, Opposite Sowmiya Nagar, Chennai Main Road, Samayapuram, Trichy-621 112, Tamil Nadu  
 Tel: +91-431-2670610 Fax: +91 431-2670710  
 inipplinfra@inippl.com



# Trichy Padalur Tollways Private Limited

(Formerly known as Indu Navayuga Infra Project (P) Ltd)



- 3- **KM 324/150 LHS** : Applicant has proposed for laying at LHS direction in 'G' Corner to Mannarpuram TNEB Office, whereas there is no land available at this direction. Hence the laying shall be possible only in RHS direction between G' Corner to Mannarpuram TNEB Office Location.
- 4- **Optical Fiber Cable (OFC)**: Depth of 1.5 meter from the ground level has been specified by applicant for laying the gas pipe line , hence the existing cables such as OFC connecting the Highway Traffic Management System (HTMS), Street Light cable & Other Cables provided by different Networks are to be taken care and the damages (if any) to this cables are to be restored at the risk & cost of the M/s. IRM Energy.
- 5- Further during the joint inspection, Concessionaire & IE has advised M/s. IRM Energy to ensure that, there should not be any felling of avenue trees & to the structures on account of laying the gas pipe line and the representative from M/s. IRM Energy has agreed with the condition. Incase of any tree felling observed, the terms & condition as per NHAI Circular no. NHAI/PD/TRY/NH 45,45B & 67/2022/212 dated 09/02/2022 to be strictly adhered by the applicant and the damages to other NHAI property to be restored as per the specification at the risk & cost of the M/s. IRM Energy.
- 6- Keeping aforesaid terms & conditions a suitable MOU shall be obtained from the applicant prior granting the permission.

Submitting for your perusal.

Yours sincerely,  
For Trichy Padalur Tollways Private Limited

V. Deenadayalan  
Project Manager



Copy to: The Project Director, PIU, Trichy.

Corporate Identity Number  
CINU45200TN2006PTC085149  
Registered & Corporate Office

Sy/96, Opposite Sowmiya Nagar, Chennai Main Road, Samayapuram, Trichy-621 112, Tamil Nadu

Tel: +91-431-2670610 Fax: +91 431-2670710  
inipplinfra@inippl.com





**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 : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, 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 38/P-T/Retail Outlet/2024/1119

June 10, 2024

To  
Team Leader,  
M/s. Feedback Infra Pvt Ltd,  
Plot No. 14, First Floor,  
Gokulam Colony,  
BikshandarKoil, Trichy 621216

Sub: NHAI - PIU, TRICHY - Padalur - Trichy section of NH 45 (New NH 38) - Permission for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeeve Nagar oyamari road - Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District - Report sought for - Reg.

Ref: General Manager - PNG Projects, M/s.IRM Energy, Gujarat, letter no. IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/002 dt.07.06.2024 (Received on 10.06.2024)

Sir,

Please find enclosed the proposal received from General Manager - PNG Projects, M/s.IRM Energy, Gujarat requesting permission for laying proposed 12"/8" dia steel & 125mm dia MDPE gas pipeline along/across from Sanjeevi Nagar oyamari road - Palpannai junction - TVS - Mannarpuram for Trichy city connectivity to develop CGD network in Trichy city of Trichy District in Padalur - Trichy section of NH-38 vide reference cited for inspection and submission of report.

In this context, it is requested to examine the same in advert to site condition, proposed Project works subsisting encumbrances of structures, trees, OFC etc., also with reference to Checklist and drawing and offer your comments in accordance with the Ministry circular dated 22.11.2016.

Encl: Proposal - 1 No.

Yours faithfully,

A.N. Praveen Kumar  
(A.N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

- Project Manager - M/s. TPTPL for information and report
- General Manager - PNG Projects, M/s.IRM Energy, Gujarat for information.





NHA - PIU - TRICHY	
4 AUG 2024	
Dy.No:	2806
M(T)	
PA	
Date:	24.08.2024
LAO	
SE-1	
SE-2	
SE-3	
Data Lake	
Accounts	
CO	

Ref: IRMEL/TRICHY/CGD/PNG/NHAI (45)/2024-25/049

To  
The Project Director,  
Project Implementation,  
National Highways Authority of India (NHAI),  
Door No. 39, 3<sup>rd</sup> Cross Street,  
Kalayana Sundaram Nagar,  
Trichy – 620 001,  
Tamil Nadu.

PA + LAO  
26/08/24  
26/08/24

Sub.: Permission for laying proposed 12"/8" Dia. Steel & 125 mm Dia. MDPE Gas Pipeline (in same trench) Along/Across NH-45 (Chennai – Trichy) From Sanjeeve Nagar Near Oyamari Road - Palpannai Junction -TVS - Mannarpuram (Chennai – Trichy) for Tiruchirappalli City Connectivity to develop City Gas Distribution Network in Tiruchirappalli City of District Tiruchirappalli, State Tamil Nadu.

Ref.: 1. Our Office Application Letter No. IRMEL/TIRCHY/CGD/PNG/NHAI (45)/2024-25/031

Dated: 07.06.2024

2. IRMEL/TIRCHY/CGD/PNG/NHAI (45)/2024-25/041 Dated: 26.07.2024

Dear Sir,

In continuation to our letter cited 2<sup>nd</sup> above dt 26.07.2024, we request the access permission for access to gas pipeline along/across from Sanjeeve Nagar Oyamari Road – Palpannai Junction – TVS – Mannarpuram along the road from (1) Along (RHS) From Ch:319.350 Km to Ch.323.850 Km, (2) Along (LHS) From Ch:321.700 Km to Ch:322.320 Km, (3) Across at Ch:322.320 Km, (4) Along (RHS) From Ch.324.150 Km. to Ch:326.158 Km, (5) Across at Ch:326.100 Km, (6) Along (LHS) From 326.100 km to 326.158 Km for Trichy city connectivity to develop CGD network in Trichy city of Trichy District the site was inspected by the Tema Leader/Concessionaire and made following observation as per letter cited 2<sup>nd</sup>.

In below table response/reply provide for the observation.

Sr No.	Location of laying gas pipe line	Concessionaire's Comments	Response for the Observation
1	Ariyamangalam Railway Crossing	The Presence of a ROB in the location of Ariyamangalam requires obtaining permission from the relevant authorities at the railway department before commencing any work at the site.	Required permission will be obtained from concerned department, before commencing of work.
2	NH-45 (Sanjeeve Nagar Oyamari Road to Mannarpuram)	The applicant has mentioned the depth of MDPE gas pipeline as 1.5m in Section A-A on Left side and in same section A-A it is menticide as 1.65m on Right side. Similarly, the depth of 12"/8" Steel gas pipeline is not mentioned in the typical bench section drawing.	Revised TCS-01 & TCS-02 drawing has been attached.
3	NH-45 (Sanjeeve Nagar Oyamari road to Mannarpuram)	IE instructed to mention the exact depth of proposed MDPE gas pipeline to be laying in typical cross section drawing and the depth of 12"/8" Steel gas pipeline in typical trench section drawing.	Revised typical trench details drawing has been attached.







As this is a time bound project contributing to National Prosperity, most expeditious actions are requested to grant us the permission.

**For any further details you may contact as below:**

Contact Person - Mr. Arivazhagan. R (General Manager – PNG Projects)  
 Email - arivu.r@irmenergy.com  
 Contact No. - +91 - 6359858555

Thanking you.

Yours Sincerely,  
**For IRM Energy Limited**

**Arivazhagan R.**  
**General Manager – PNG Projects**  
**Encl: As above**

**Communication Address**

**Mohan Raj Ravi (Asst. Manager)**  
**IRM Energy Limited**  
 D72 Third Floor, Kanchana Enclave, 7<sup>th</sup> Cross, Thillai, Trichy – 620018  
 Mob - +91 -6353677515  
 Email - mohan.ravi@irmenergy.com



**Rail Bhoomi Crossing Seva (IR-RBCS)**  
**Southern Railway**  
**Tiruchchirappalli Division**

**APPLICATION DETAILS**  
**Application ID: SR-TPJ-2024-WL-585**

Application Details	
<b>Applicant Details</b>	
Type of Applicant	Way leave
Name of Applicant	IRM Energy Limited
Name of Authorized Signatory	Prashant Sagar
Designation	Executive Vice President
Full Address	4th Floor, 8th Block, Magnet Corporate Park, Near Sola Bridge, S.G. Highway, Thaltej
City	Ahmedabad
State	Gujarat
PinCode	380054
Phone (STD Code-Phone No.)	null
Mobile	8866772839
Email	tarun.shrimali@irmenergy.com
<b>Purpose/Crossing Details</b>	
Wayleave / Crossing Purpose	Gas / Oil Pipeline
Details Of Crossing	Pipeline
Length in Railway Land	null
Number of Lanes	null
<b>Location Details</b>	
Railway	SR
Railway Division	TPJ
Station From-To	Ponmalai (GOC) - Tiruchchirappalli Town (TPTN)
Railway KM/(TP/OHE)	334-334
Revenue Village	null
Tehsil	null
District	Tiruchirappalli
State	Tamil Nadu
Aden	
Duration Year	35
<b>Method of work execution</b>	
Work to be executed by	Applicant Party



Payment Details	
Payment of Registration fee [ Paid on 22-07-2024 vide Invoice no WL00000000058082 ]	1000.00

Application Timeline and Status			
Sr. No.	Activity	Designation	Action Date
1	Party Application	Party	22-07-2024 05:45:26 PM
2	Registration of Application	DEN/CENTRAL/TPJ	



**Application Details [20240608/1/12/18914/8828]**

<b>Highway</b>	NH45 [NH45]
<b>Name of Highway Authority</b>	
<b>Highway Administration Address</b>	
<b>Whether the Fuel Station is part of Rest-area complex</b>	No
<b>Name of Applicant/Oil Company</b>	IRM ENERGY LIMITED Address: 4th Floor, 8th Block, Magnet Corporate Park, Near Sola Bridge, S.G.Highway, Thaltej, AHMEDABAD (GUJARAT), PIN: 380054 Phn: 7021105815 Email: nanda.rajamani@irmenergy.com
<b>Application Category</b>	Public Utility
<b>Utility</b>	Natural Gas
<b>State</b>	TAMIL NADU
<b>Type</b>	New
<b>Remarks</b>	NHAI - 45
<b>Submitted On</b>	08 Jun 2024 11:58:35

Details		
1. Length in Meters *		7728
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		30
II. Right side from center line towards increasing chainage OR km direction *		30
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		YES
II. Right side from center line towards increasing chainage OR km direction *		YES
4. Proposal to acquire the land		
I. Left side from center line *		NA
II. Right side from center line *		NA
5. Whether proposal is in the same side where land is not to be acquired *		Yes
If not then where to lay the cable *		NA
6. Details of already laid services if any along the proposed route *		NIL
7. Number of Existing lanes *		4 Lane
8. Proposed number of lanes *		6 Lane
9. Service road Exists *		Yes



<b>10. Proposed Service road</b>		
<b>Left side from center line</b>		YES
<b>Right side from center line</b>		YES
<b>11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *</b>		After Service Road and Close to RoW
<b>12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *</b>		NA
<b>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 *</b>		YES
<b>I. Whether the existing drainage structures are allowed to carry utility pipeline. *</b>		NA
<b>II. Is it on a line normal to NH? *</b>		Yes
<b>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. *</b>		15.00

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

I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *	YES
II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *	AGREED
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. *	AGREED
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. *	AGREED

<p><b>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.</b></p> <p>*</p>		<p>AGREED</p>
<p><b>15. Document/Drawings enclosed with the proposal *</b></p>		<p>Yes</p>
<p><b>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) *</b></p>		<p>Enclosed</p>
<p><b>II. Cross section showing the size of pit and location of cable for HDD method *</b></p>		<p>Enclosed</p>
<p><b>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. *</b></p>		<p>Enclosed</p>
<p><b>IV. Methodology of laying of the Utility Pipeline/OFC *</b></p>		<p>Enclosed (Open Trench at Along)</p>
<p><b>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 *</b></p>		<p>AGREED</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 *		AGREED
(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *		AGREED
(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 *		AGREED
(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. *		AGREED

(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. *		AGREED
(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *		AGREED
(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *		AGREED
VI. Horizontal Directional Drilling (HDD) Method *		Enclosed
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. *		Will be submitted along with the original proposal
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. *		Will be submitted along with the original proposal
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		

<b>a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *</b>		Yes
<b>b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *</b>		Yes
<b>c) Undertaking Confirming all standard condition of Ministry's guidelines. *</b>		Yes
<b>d) Undertaking for indemnity against all damages and claims *</b>		Yes
<b>e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *</b>		Yes
<b>f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *</b>		Yes
<b>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. *</b>		Yes

h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *		Yes
i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *		Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *		Yes
k) Certificate from the applicant in the following format		
l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development		
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *		Arivazhagan R.
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	NH45 [NH45] (0.00-98.30) From Km: 0 To Km: 7.73	Chainage Point: 319.35 Lat: 10.834 Lng: 78.712	Chainage Point: 326.158 Lat: 10.785 Lng: 78.792	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	4192913.38 75	





TRICHY NHAI &lt;trichynhai@gmail.com&gt;

## Submission of compliance to the Observation on the proposal submitted for CGD by IRM Energy - Reg.

1 message

TRICHY NHAI <trichynhai@gmail.com>  
To: RO Madurai <nhairomadurai@gmail.com>

Mon, Nov 18, 2024 at 3:30 PM

Dear Sir,

With reference to your trailing mail dt.11.11.2024, the observations were communicated to M/s. IRM Energy for submission of compliance vide mail dt.11.11.2024. M/s. IRM Energy submitted the compliance to the observations vide mail dt. 16.11.2024.

The compliance submitted by M/s. IRM Energy was examined and the same is given in the below table along with supporting documents attached herewith and hard copy of the supporting documents are being sent through courier.

S No.	Location of laying gas pipe line	Observation	Response
1	NH-45 (Sanjeeve Nagar Near Oyamari Road – Palpannai Junction- TVS- Mannarpuram)	The availability of ROW at both the sides from the C/L at the proposed locations.	Availability of ROW is shown in the attached Steel & MDPE Revised Schematic Drawing  Ref: Annex-I & Annex-II
2	NH-45 (Sanjeeve Nagar Near Oyamari Road – Palpannai Junction- TVS- Mannarpuram)	The applicant has to submit the detailed drawings mentioning the distance of laying the gas pipeline and valve chamber from the edge of ROW.	Distance of laying the gas pipeline and valve chamber from the edge of ROW is shown in the attached Steel & MDPE Revised Schematic Drawing  Ref: Annex-I & Annex-II
3	NH-45(Sanjeeve Nagar Near Oyamari Road – Palpannai Junction- TVS- Mannarpuram)	The proposed gas pipeline is crossing through the Culverts at 4 locations between chainage Km 319/350 to Km 321/700. The applicant has to submit the clear sketch for crossing the culvert portion and an Undertaking for crossing the culvert at their own cost.	Detailed drawing showing the Culvert Crossing & Undertaking letter for crossing the culvert is attached herewith Annex-III & Annex-IV

Submitted for taking further necessary action.

**With Regards,**  
**Sh.A.N. Praveen Kumar,**  
**DGM (Tech) & Project Director**  
**National Highways Authority of India**

**PIU - Trichy**

Door No.39, 3rd Cross Street,

Kalyana Sundaram Nagar,

Kumandapam,

Tiruchirappalli - 620 001.

Tamil Nadu.

Ph - 0431- 248 2959

E - mail: [trichynhai@gmail.com](mailto:trichynhai@gmail.com)

[tri@nhai.org](mailto:tri@nhai.org)

On Mon, Nov 11, 2024 at 3:48 PM RO Madurai <[nhairomadurai@gmail.com](mailto:nhairomadurai@gmail.com)> wrote:

Ref.: PD, Trichy Lr. No. NHAI/PD/TRY/NH 38/Retail Outlet/P-T/2024/2159 dated 29.10.2024.(received on 06.11.2024)

Sir,

With reference to your letter cited above, the subject proposal was examined and the following observations were found;





1. The availability of ROW at both the sides from the C/L at the proposed locations.
2. The applicant has to submit the detailed drawings mentioning the distance of laying the gas pipeline and valve chamber from the edge of ROW.
3. The proposed gas pipeline is crossing through the Culverts at 4 locations between chainage Km 319/350 to Km 321/700. The applicant has to submit the clear sketch for crossing the culvert portion and an Undertaking for crossing the culvert at their own cost.

In the view of above, the compliance of the above observations may be submitted for further necessary action.

Regards,  
RO Madurai.

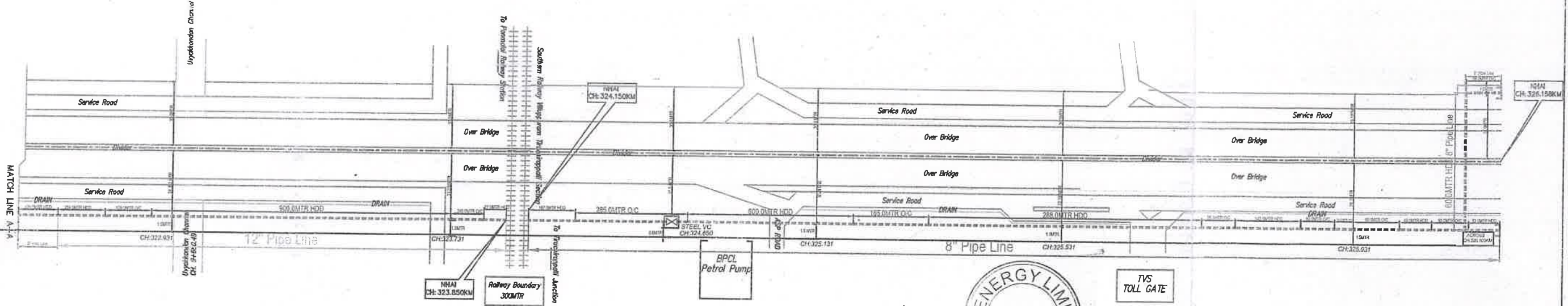
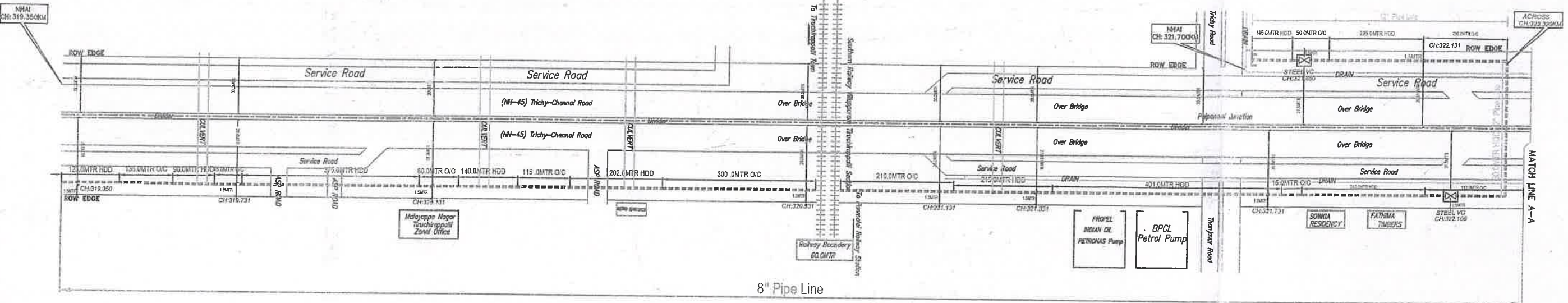
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#### 4 attachments

-  **Annex - iii - Culvert Crossing - Schematic Drawing.pdf**  
415K
-  **Annex - I - Steel - Revised Schematic Drawing.pdf**  
1306K
-  **Annex - II - MDPE - Revised Schematic Drawing.pdf**  
1296K
-  **Annex - IV - Undertaking Letter for Culvert Crossing.pdf**  
930K



SCHEMATIC DRAWING FOR SANJEEVE NAGAR NEAR OYAMARI ROAD - PALPANNAI JUNCTION - TVS - BPCL MANARPURAM P/L PROJECT



LEGEND:


- PROPOSED STEEL P/L BY HDD METHOD
- PROPOSED STEEL P/L BY O/C METHOD
- STEEL VALVE CHAMBER
- HDD-: HORIZONTAL DIRECTIONAL DRILLING
- O/C-: OPEN CUT

LEGEND:

- 12" PIPE LINE ----- 2246.00MTR.
- 8" PIPE LINE ----- 5000.00MTR.
- ROW EDGE -----

NOTE-: PIPELINE WILL BE LAID AT THE EDGE OF THE ROU

A.N. Praveen Kumar  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

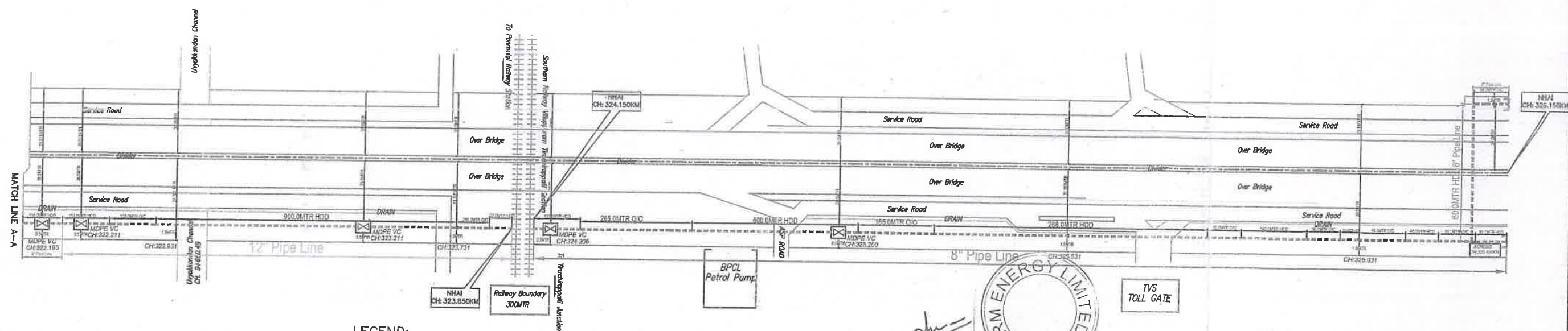


TVS TOLL GATE

PROPOSED DRAWING						
REV.No.	DATE	REVISIONS	BY	CHKD	REVIEWED/ WITNESS	APPD.
ISSUE RECORD						

CLIENT:		M/s. IRM ENERGY LTD.		
PROJECT:		12" Ø / 8" Ø STEEL FROM SANJEEVE NAGAR NEAR OYAMARI ROAD - PALPANNAI JUNCTION - TVS - BPCL MANARPURAM P/L PROJECT		
TITLE:		VALVE CHAMBER SCHEMATIC DIAGRAM		
SCALE	SIZE	SHEET	DRAWING NO.	REV
NTS	A3	1 OF 1	IRMEL/TRUCHIRAPPALI NH-45/GA/SCH-02	00





LEGEND:

125MM MDPE PIPE LINE 7246.00MTR.

A.N. Jha (w)  
DSM (I) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
P.O. TRICHY - 620 001.

PROPOSED DRAWING						
REV.No.	DATE	REVISIONS	BY	CHKD	REVIEWED/ WITNESS	APPROVED

ISSUE RECORD

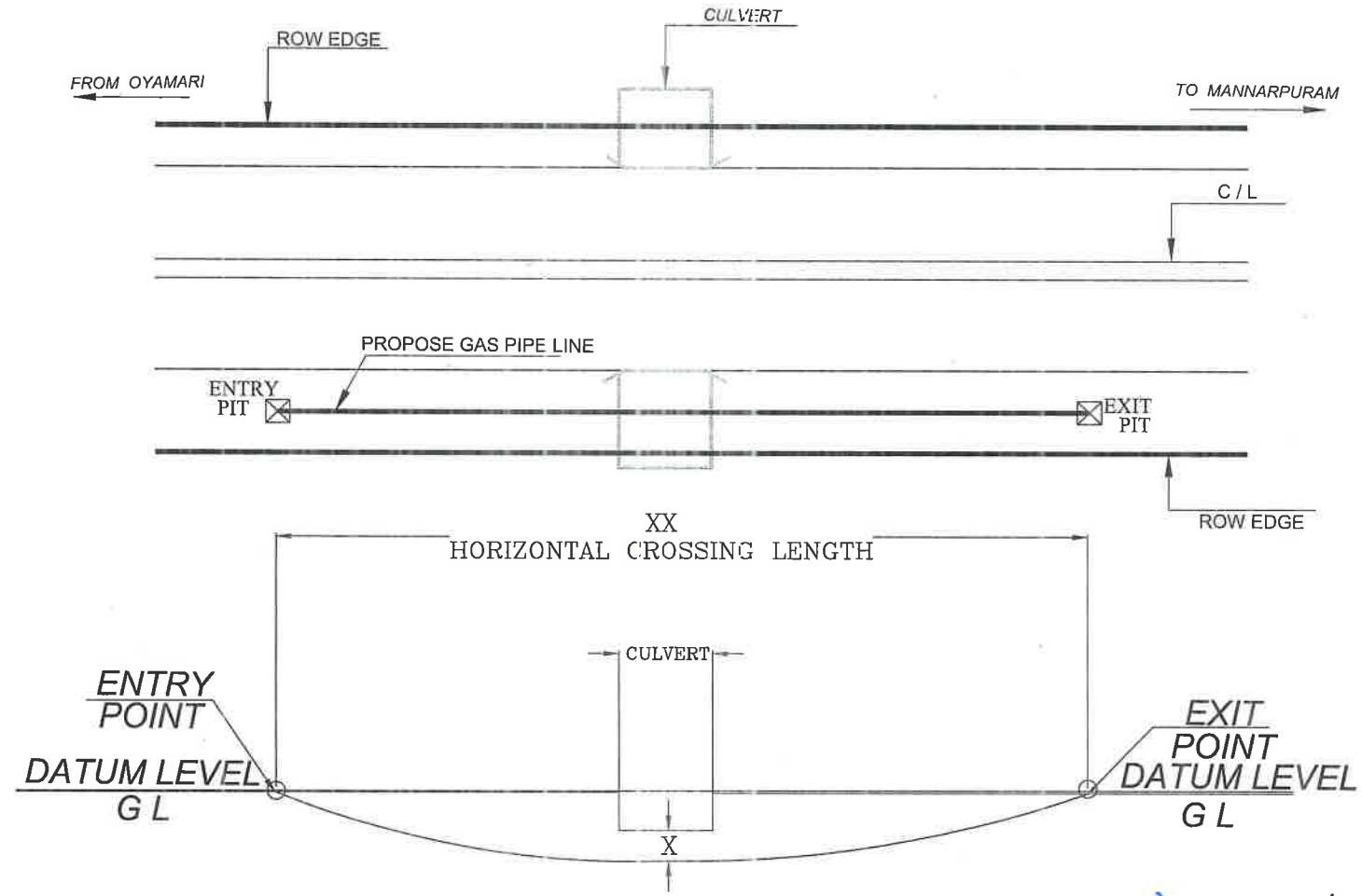
SCALE	SIZE	SHEET	DRAWING NO.
NTS	A3	1 OF 1	IRMEL/TIRUCHIRAPPALLI NH-45/GA/SCH-02

SCHEMATIC DRAWING FOR CULVERT CROSSING

NH-45 (CHENNAI-TRICHY)

NOTE :-

- 1. X -- BASED ON THE SITE CONDITIONS DEPTH WILL BE VARY.  
MINIMUM DEPTH OF 2 MTR WILL BE MAINTAINED FROM  
CULVERT BOTTOM TO PIPE TOP
- 2. XX -- BASED ON THE CULVERT LOCATION & SITE CONDITION  
DEPTH & DISTANCE WILL VARY.
- 3. METHOD OF CROSSING: HDD



*A.N. Praveen Kumar*  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

