



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport and Highways)
Project Implementation Unit, Puducherry.
29, Sun City, ECR, Bommaiypalayam,
Tamil Nadu - 605 104.



BHARATMALA
ROAD TO PROSPERITY

Phone : 0413 - 2969493
mail ID: piupuducherry@nhai.org
nhai@puducherry@gmail.com

11013/NH-45A/19/01/2021/PIU-PDY/1265

22nd October, 2021

Invitation of Public Comments

Sub: NHAI, PIU, Puducherry – Four laning of Poondiyankuppam (Km.67/000) to Sattanathapuram (Km.123/800) Section of NH-45A (New NH-32) on HAM under NHDP Phase-IV in the state of Tamil Nadu - Requesting permission for laying of underground 8" dia. (219mm) Carbon Steel & 125mm dia. MDPE gas pipeline along & across NH-45A (Villupuram - Puducherry - Nagapattinam) from Design Ch: 62+875 to 64+650 (Existing Ch: 72+875 to 74+650 LHS), Design Ch:66+347 to 67+350 (Existing Ch: 76+347 to 77+350 LHS), Design Ch: 67+350 to 68+380 (Existing Ch: 77+350 to 78+380 RHS) & 1 Nos of road crossing at Design Ch:67+350 (Existing Ch:77+350 from LHS to RHS) to develop city gas distribution network in Cuddalore and its surrounding area- Invitation of Public Comments - Reg.

1. The proposal is regarding permission sought by M/s Adani Total Gas .Ltd (ATGL) to lay underground 8" dia. (219mm) Carbon Steel & 125mm dia. MDPE gas pipeline along & across NH-45A (Villupuram - Puducherry - Nagapattinam) from Design Ch: Km.62+875 to Km.64+650 (Existing Ch: Km.72+875 to Km.74+650 LHS), Design Ch:Km.66+347 to Km.67+350 (Existing Ch: Km.76+347 to Km.77+350 LHS), Design Ch: Km.67+350 to Km.68+380 (Existing Ch: Km.77+350 to Km.78+380 RHS) & 1 Nos of road crossing at Design Ch:67+350 (Existing Ch:77+350 from LHS to RHS) in Cuddalore. Further, the proposal was submitted to this office by M/s. ATGL vide letter Ref.No.AGL/CUD/NHAI/NH-45A/21-22/11 dated 13.09.2021.

2. M/s. Adani Total Gas. Ltd (ATGL) has proposed to lay underground 8" dia. (219mm) Carbon Steel & 125mm dia. MDPE gas pipeline for a length of 3.853 km including crossing.

S.No	Village Details – Proposed location	Proposed Side/from-to	Design Chainage In KM		Length in KM	
			Start	End		
1	Sipcot to Semankuppam	LHS	62.875	64.650	1.775	Along NH-45 A
	Near Tata Chemical to Poondiyankuppam	LHS	66.347	67.350	1.003	
	Poondiyankuppam to Alapakkam St.	RHS	67.350	68.380	1.03	
2	Near Poondiyankuppam (crossing)	LHS - RHS	67.350		0.045	Along NH-45A

3. M/s. Adani Total Gas. Ltd (ATGL) has proposed to lay underground 8" dia.(219mm) Carbon Steel & 125mm dia. MDPE gas pipeline along the National Highways NH-45A by HDD Method, as per the standard conditions of NHAI's policy guidelines and produced all the necessary undertakings.

4. The submitted proposal is in conformity with Ministry's latest guidelines, regarding accommodation of public and industrial utility services along and across National Highways, issued vide letter dated 22.11.2016.

5. M/s. Adani Total Gas. Ltd (ATGL) has furnished an undertaking for laying underground 8" dia. (219mm) Carbon Steel & 125mm dia. MDPE gas pipeline for a length of 3.853 km including crossing in the stretch of NH-45A, Cuddalore.

6. 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 M/s. Adani Total Gas. Ltd (ATGL) will be made available for 30 days for public comments/objections and the comments are to be furnished within 30 days from the day of closure.

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

The Project Director
National Highways Authority of India
(Ministry of Road Transport and Highways)
Project Implementation Unit - Puducherry.
Plot No. 29, Sun city Road, ECR,
Bommaiyapalayam, Tamil Nadu - 605 104.
Tel: 0413-2969493

Yours faithfully,


22/10/21
(S.Sakthivel)

DGM (T) & Project Director
NHAI, PIU-Puducherry

Copy to:

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



Ref: AGL/CUD/NHAI/NH 45A/2020-21/11

Gas

To,
Project director, PIU,
National Highway Authority of India,
Bommalarpalayam,
Tamil Nadu

Date: 08/10/2021

NHAI-PIU, PUDUCHERRY	
DATE	08 OCT 2021
DIARY No	5847
DGM (T) & P	
Mgr (T) & P	
Dy.Mgr (T)	
Site Eng	
ACCOUNTANT	
ISO	

Sub: Expedite the process of issue of Permission for laying of underground 8" dia (219 mm) Carbon Steel & 125 mm dia. MDPE gas pipeline along & across NH332 (old NH 45A) Villupuram - Puducherry - Nagapattinam) from Design Ch:62+875 to 64+650 (Existing Ch: 72+875 to 74.650 Km)(LHS), Design Ch:66+347 to 67+350Km (Existing Ch:76+347 to 77+350Km)(LHS), D.Ch:67+350 to 68+380 km (E.CH: 77+350 to 78+380 km) (RHS) & 01 No's of road crossing at Design Ch. 67.350 km. (Existing Ch:77+350Km) (LHS-RHS) to develop city gas Distribution network in Cuddalore and its surrounding area.

- Ref:**
1. ATGL office letter : AGL/CUD/NHAI/NH 45A/2020-21/11 Dated : 21-09-2021
 2. PD, Puducherry letter No. 11012/ NH-45A/06/vol-1/2021/PIU-PDY/ 992 Dated: 03-09- 2021
 3. ATGL office letter : AGL/CUD/NHAI/NH 45A/2020-21/10 Dated : 17-08-2021
 4. PD, Puducherry letter No. 11012/ NH-45A/06/vol-1/2021/PIU-PDY/ 818 Dated: 13-08-2021
 5. ATGL office letter : AGL/CUD/NHAI/NH 45A/2020-21/09 Dated: 30-07-2021
 6. NHAI PIU letter No. 11012/NH-45A/06/vol-1/2021/PIU-PDY/739 Dated: 26-07-2021
 7. PD, Puducherry Letter No.11012/NH-45A/19/01/2021/PIU-PDY/432 Dated: 30-04- 2021
 8. Our Application No. AGL/CUD/NH 45A/2020-21/08 Dated: 22-04-2021
 9. NHAI PIU letter No. 11012/ NH-45A/06/vol-1/2021/PIU-PDY/091 Dated: 12-02-2021
 10. NHAI PIU letter No. 11012/NH-45A/06/01/2021-PIU PDY/026 Dated: 12-01-2021
 11. NHAI PIU letter No. 11012/NH-45A/06/01/2020/PIU-PDY/127 Dated: 14-12-2020
 12. ATGL office letter : AGL/Cuddalore GA/NHAI-Suncity/2020-21/04 Dated: 16-11-2020
 13. ATGL office Letter : AGL/CUD/NHAI/NH-45A/2020-21/03 Dated : 24-09-2020
 14. ATGL office letter : AGL/Cuddalore GA/NHAI-Villupuram/Compliance/2020 Dated: 05/02/2020
 15. NHAI PIU letter No. 11012/NH45A/06/Vol-1/2018/PIU-VPM/213 Dated: 31-01-2020
 16. ATGL office letter : AGL/Cuddalore GA/NHAI-Villupuram/2019 Dated: 03-01-2020

Dear Sir,

This has reference to the letters cited above, where in M/s. Adani Total Gas Limited (ATGL) formerly Adani Gas Limited (AGL) has submitted the proposal for laying U/G 8" (219 mm) dia Carbon steel and 125 mm dia. MDPE gas pipeline along and across NH332 (old NH 45A) vide ref. 16, accordingly the site was inspected and raised for observations vide letter ref. 15 & ATGL submitted the compliance letter to the observations mentioned above vide letter 14.

Further after several follow-up's and re-submissions ATGL was communicated that part of the initial applied stretch is not falling under your project jurisdiction and proposed to re-submit the complete proposal vide letter ref. 11.

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Heritage Building, 8th Floor
Ashram Road, Usmanpura
Ahmedabad 380 014
Gujarat, India
CIN: L40100GJ2005PLC046553

Tel +91 79 2754 1988
Fax +91 79 2754 2988
customercare.gas@adani.com
www.adanigas.com

Communication Address:
Adani Total Gas Limited
2nd Floor, Vasanth & Co
No:13, Nethaji Road.
Manjakuppam,
Cuddalore-607001

Accordingly ATGL re-submitted the modified proposal once again and later after further follow-up's ATGL was informed to increase the depth from 1.5 M to 2.5 M due to non-feasibility vide letter referred 10 & 9.

As guided by NHAI-PIU, ATGL re-submitted the complete proposal vide letter referred 8 & the file was inspected at PIU and sent to RO Chennai for further process vide letter ref. 7.

Once again ATGL was informed to comply with the observations mentioned by RO vide letter referred 6, Accordingly ATGL has submitted the compliance letter to RO observations vide letter referred 5 and then ATGL was informed that the proposed crossing is falling under the approaches of ROB and asked to re-submit the proposal at different location vide letters referred 2.

Finally we have re-submitted the complete proposal complying with all the observations mentioned by RO vide letter referred 1.

You may please note that the proposal has been waiting for approval since 20 months. Hence we here by request your selves to fast-track the approval process.

As this is a time bound project contributing to the National Prosperity and making pollution free environment, also as you are aware of the challenges faced during the project implementation phase you may be kind enough in granting us the approval at the earliest.

For speedy communication between your Good office and ourselves you may contact us by our email id which is Hemakrishna.tatineni@adani.com & balusu.saikrishna@adani.com

Thanking you,
Yours Sincerely,
For Adani Total Gas Limited



for Shri. Rajesh Prabhu
Vice president – Projects

Communication Address:

Adani Total Gas Limited
2nd Floor, Vasanth & Co
No:13, Nethaji Road,
Manjakuppam,
Cuddalore-607001



MSV INTERNATIONAL INC.

In Association with
**ARMENGE ENGINEERING AND
MANAGEMENT CONSULTANTS PVT. LTD.**

MSV International, Inc.

Door No.11, YMCA Colony,
Pudupalayam, Cuddalore - 607001,
Tamilnadu (State)
Mob: 9414184839;
email: msvarmenge.pp@gmail.com

IE FOR FOUR LANEING OF PUDUCHERRY - POONDIYANKUPPAM SECTION OF NH-45A (NEW NH-32) UNDER BHARATMALA PARIYOKA IN TAMIL NADU

MSVARMENGE/IEPP/2019/28

Date: 16.12.2020

To, *Dr.*

The General Manager(T) & Project Director
National Highways Authority of India
Project Implementation Unit-Puducherry
#29, Suncity Road, ECR, Bommaiypalay.
Tamil Nadu-, 605104.

PIU, PUDUCHERRY	
DATE	21-12-2020
CHART NO	760
Site Eng.	
ACCOUNTANT	
Section of NH 45A (NEW NH 32) From Km	

Sub: Four - Laning of Puducherry - Poondiyankuppam section of NH 45A (NEW NH 32) From Km 29.000 to 67.00 (Design Chainage) Under Bharatamala Pariyोजना Phase I (Residual NHDP-IV work) on HAM in the State of Tamilnadu and Union Territory of Puducherry-Laying of Under Ground 8" steel Gas pipe line with the depth of 1.5m from GL at New NH-332 land of 3.4KM- M/s Adani Gas Limited- Permission accorded-Report submitted-Regarding.

Ref: 1.Yr.Lr.No:11012/NH445A/06/01/2020/PIU-PDY/125, dated 14th Dec 2020.

Dear sir

With reference to above cited. The Adani Gas Ltd. had submitted Gas pipeline laying proposal drawings in our project stretch ie New NH-332 from CH:KM63+000 to KM66+400 LHS (Design Chainage) for inspection of the site (TOTAL LENGTH:3.4KM)

In this regard, as per instruction of MoRTH/NHA, Gas pipeline will be Laid to the extreme edge of the ROW as possible far from the center of the road. But in some locations additional land acquisition (ie 60m ROW) under progress and locations as follows

1.CH:KM 63+000 to KM 63+320 (Design chainage) length:320m

2.CH:KM 65+320 to KM 66+400 (Design chainage) length:1080m

As per above context, the laying of proposed 8" Steel & 125mm PE Gas pipeline along & across NH-45 (Chennai - Nagapattinam Highway) to develop City Gas Distribution network in Cuddalore and its surrounding area, and confirm that the all standard conditions issued vide ministry circular No: RW / NH-33044/ 29/2015/S&(R) dated 22.11.2016 has to be followed.



MSV INTERNATIONAL INC.

In Association with

**ARMENGE ENGINEERING AND
MANAGEMENT CONSULTANTS PVT. LTD.**

MSV International, Inc.

Door No.11, YMCA Colony,
Pudupalayam, Cuddalore - 607001,
Tamilnadu (State)
Mob: 9414184839;
email: msvarmenge.pp@gmail.com

IE FOR FOUR LANE OF PUDUCHERRY - POONDIYANKUPPAM SECTION OF NH-45A (NEW NH-32) UNDER BHARATMALA PARIVONA IN TAMIL NADU

Hence, ADANI Gas Limited (AGL) has to undertake that they will not cause any third-party damages to the already existing utilities by maintaining the traffic during the execution of the project and should agree to shift their utilities as and when required by NHAI.

This is for your kind information and further necessary action please.

Thanking you

Yours truly

For MSV International Inc. in association with ARMENGE Engineering and Management consultants pvt Ltd.


Jakkala Gunraiah

Acting Team Leader/Resident cum Highway Engineer.

Gas

Ref: AGL/CUD/NHAI/NH 45A/2020-21/11

Date: 13/09/2021

To,
Project director, PIU,
National Highway Authority of India,
Bommaiarpalayam,
Tamil Nadu

NHAI-PIU, PUDUCHERRY	
DATE	21 SEP 2021
DIARY No	5324
DGM (T) & PD	OK
Mgr. (Tech)	
Dy.Mgr. (T)	

Sub: Re-submission of application for issue of Permission for laying of underground 8" dia.(219 mm) Carbon Steel & 125 mm dia. MDPE gas pipeline along & across NH332 (old NH 45A) (Villupuram – Puducherry – Nagapattinam) from Design Ch:62+875 to 64+650 (Existing Ch: 72+875 to 74.650 Km)(LHS), Design Ch:66+347 to 67+350Km (Existing Ch:76+347 to 77+350Km)(LHS),D.Ch:67+350 to 68+380 km (E.CH: 77+350 to 78+380 km) (RHS) & 01 No's of road crossing at Design Ch. 67.350 km. (Existing Ch:77+350Km) (LHS-RHS) to develop city gas Distribution network in Cuddalore and its surrounding area.

- Ref: 1. PD, Puducherry letter No. 11012/ NH-45A/06/vol-1/2021/PIU-PDY/ 818 Dated: 13-08-2021
2. ATGL office letter : AGL/CUD/NHAI/NH 45A/2020-21/09 Dated: 30-07-2021
3. NHAI PIU letter No. 11012/NH-45A/06/vol-1/2021/PIU-PDY/739 Dated: 26-07-2021
4. PD, Puducherry Letter No.11012/NH-45A/19/01/2021/PIU-PDY/432 Dated: 30-04- 2021
5. Our Application No. AGL/CUD/NH 45A/2020-21/08 Dated: 22-04-2021
6. NHAI PIU letter No. 11012/ NH-45A/06/vol-1/2021/PIU-PDY/091 Dated: 12-02-2021

Dear Sir,

This has reference to the letters cited above, where in M/s. Adani Total Gas Limited (ATGL) formerly Adani Gas Limited (AGL) has submitted the proposal for laying U/G 8" (219 mm) dia Carbon steel and 125 mm dia. MDPE gas pipeline along and across NH332 (old NH 45A), accordingly the site was inspected, ATGL was communicated to increase the depth from 1.5 M to 2.5 M due to non-feasibility vide letter referred 6 and forwarded the proposal to RO vide letter referred 4.

Further ATGL was informed to comply with the observations mentioned by RO vide letter referred 3, Accordingly ATGL has submitted the compliance letter to RO observations vide letter referred 2 and then ATGL was informed that the proposed crossing is falling under the approaches of ROB and asked to re-submit the proposal at different location.

Hence we here by re-submitting the revised proposal as follows:

DETAILS OF ALONG:

SR. NO.	DESCRIPTION	Proposed Side	Design NH CH.(Km)		Existing NH CH.(Km)		LENGTH (Km)	Utility Description
			START	END	START	END		
1	Along NH332(old NH-45A) Near Sipcot To Semmankuppam Village	LHS	62.875	64.650	72.875	74.650	1.775	219 mm Carbon steel & 125 mm MDPE Pipeline

Adani Gas Ltd
Heritage Building, 8th Floor
Ashram Road, Ushmanpura
Ahmedabad 380 014
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Fax: +91 79 2754 2988
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www.adanigas.com



2	Along NH332(oldNH-45A) Near Tata Chemical To Poondiyankuppam.	LHS	66.347	67.350	76.347	77.350	1.003	219 mm Carbon steel pipeline
3	Along NH332(Old NH 45A) near poondiyankuppam to Alapakkam st.	RHS	67.350	68.380	77.350	78.380	1.03	219 mm Carbon steel pipeline
Total							3.808	

DETAILS OF ACROSS:

SR. NO.	DESCRIPTION	Proposed Side	Design NH CH.(Km)	Existing NH CH.(Km)	LENGTH (mt)	Utility Description
1	Across NH332(oldNH-45A) Near at Poondiyankuppam village.	LHS - RHS	67.350	77.350	45	219 mm Carbon steel pipeline
Total					45	

The Proposed pipeline (Carbon Steel) total length – 3853 Mtr. (along 3808M & across 45 M) will be laid underground at a depth of 2.5 mtr from road level or ground level whichever is lower and will be laid by HDD method along & across the road or as per directives along & across NH-332(old NH-45A) (Villupuram-puducherry-Nagapattinam) or as per instructions of MoRTH/NHAI. We assure to restore the job-site land surface to its original condition.

ATGL agree to pay fees/charges as applicable at the time of permission as per Government's guidelines.

Considering the above, ATGL request you to grant us the permission to lay the said pipeline along and across NH-332(old NH-45A), as stated herein above and hereby enclosing all the license documents.

For speedy communication between your Good office and ourselves you may contact us by our email id which is Hemakrishna.tatineni@adani.com & balusu.saikrishna@adani.com

As this is a time bound project contributing to the National Prosperity and making pollution free environment your most expeditious action is applauded.

Thanking you,

Yours Sincerely,

For Adani Total Gas Limited



Shri. Rajesh Prabhu
Vice president – Projects

CHECK- LIST

Guidelines for processing the proposal for laying of Utility line in the land along/across National Highways vested with NHAI/PWD/BRO.

Ministry Circular No-RW/NH 330044/29/2015/S&R® Dated 22/11/2016.

General Information

Sr. No.	Description	Information /Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	ADANI TOTAL GAS LIMITED Regd. Office Address: Adani House, Nr Mithakhali Circle, Navrangpura, Ahmedabad 380009, Gujarat.	
1.2	National Highway Number	NH-332(old NH-45A)(Villupuram-puducherry-Nagapattinam)	
1.3	State	Tamilnadu	
1.4	Location	Cuddalore	
1.5		<p><u>Along -</u></p> <p>NH-332(old NH-45A) From Design Ch: 62+875 to 64+650 Km. (Existing Ch:72+875 to 74+650km) (LHS) Carbon Steel & MDPE</p> <p>NH-332(old NH-45A) From Design Ch: 66+347 to 67+350 Km (Existing Ch:76+347 to 77+350km) (LHS) Carbon Steel</p> <p>NH-332(old NH-45A) From Design Ch: 67+350 to 68+380 Km (Existing Ch:77+350 to 78+380km) (RHS) Carbon Steel</p> <p><u>Across -</u></p> <p>NH-332(old NH-45A) Road crossing at Design Ch. No. 67+350 Km. (Existing Ch:77+350km) (LHS-RHS) Carbon Steel</p>	
1.6	Length in Meters	<p>Along = 3808 m</p> <p>Across = 45 m</p> <p>Total = 3853 m</p>	



1.7	Width of available ROW in both side		
	1.left side from center line towards increasing chainage/km direction	22.5 m and 30 m	
	2. Right side from center line towards increasing chainage/km direction	22.5 m and 30 m	
1.8	Proposal to lay the utility		
	1.left side from center line towards increasing chainage/km direction	<p>Along -</p> <p>NH-332(old NH-45A) From Design Ch: 62+875 to 64+650 Km. (Existing Ch:72+875 to 74+650km) (LHS) Carbon Steel & MDPE</p> <p>NH-332(old NH-45A) From Design Ch: 66+347 to 67+350 Km (Existing Ch:76+347 to 77+350km) (LHS) Carbon Steel</p> <p>Across -</p> <p>NH-332(old NH-45A) Road crossing at Design Ch. No. 67+350 Km. (Existing Ch:77+350km) (LHS-RHS) Carbon Steel</p>	
	2. Right side from center line towards increasing chainage/km direction	<p>Along -</p> <p>NH-332(old NH-45A) From Design Ch: 67+350 to 68+380 Km (Existing Ch:77+350 to 78+380km) (RHS) Carbon Steel</p>	
1.9	Proposal to acquire land		
	a) left side from center line	NA	
	b) right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not, then where to lay the pipe		
1.11	Details of already laid services, if any, along the proposed route	Details of already laid services is enclosed herewith	
1.12	Number of existing lanes (2/4/6/8 lanes)	2 lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	4 lanes	
1.14	Service road existing or not	No	



	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service road		
	(a) Left side from center line	From CH: 67/380 to 68/380	
	(b) Right side from center line	From CH: 67/380 to 68/380	
1.16	Whether proposal to lay utility is after the service road or between the service road and main carriage way	After the service road (Between service road and RoW)	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	No	
1.18	Whether carrying of sewage/gas pipeline has been proposed on the parapet/any part of the Bridges. If yes, then mention the methodology proposed for the same.	No	
1.19	If Crossing 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 expense of the agency owning the line		
	a) Whether the existing drainage structures are allowed to carry the utility pipeline	Not to be allowed	
	b) Is it on a line normal to NH	Yes	
	c) What is the distance of crossing the utility pipelines from the existing structures? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	NA	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable mention type of casing.	Steel Pipe	
	e) Ends of the casing/conduit pipe shall be sealed from the	Yes Sealed	



	outside, so that it does not act as a drainage path		
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	
	g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details.	Yes (2.5 m below road level or ground level whichever is minimum)	
	h) mention the methodology proposed for crossing of road for the proposed sewage/Gas pipeline. Crossing shall be by boring method (HDD) (Trenchless Technology), specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Boring method (HDD) (Trenchless Technology)	
	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 water way along it.	Yes	
2	Document/Drawings to be enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method	NA	
	Is it normal size of 1.2 m deep x 0.3 m wide		
	i) should not be greater than 60 cms wider than the outer diameter of the pipe		
	ii) located as close to the extreme edge of the Right of Way as possible but not less than 15m from the center line of the nearest carriageway		
	iii) shall not be permitted to run along the National Highways when the road formation is situated in double cutting nor shall these be laid over the existing culverts and bridges		
	iv) These should be so laid that their top is at least 0.6m		



	below the ground level so as not to obstruct drainage of the road land		
2.2	Cross section showing the size of pit and location of for HDD method	HDD Cross Section Enclosed	
2.3	Strip Plan / Route Plan showing utility /Gas pipeline chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed herewith	
2.4	Methodology for laying of the Utility pipeline	Enclosed herewith	
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, what is the methodology of refilling the trench	NA	
	a) The trench width should be at least 30 cms, but not more than 60 cms. Wider than the outer diameter of the pipe		
	b) For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.		
	c) The backfill shall be completed in two stages i) side fill to the level of the top of the pipe and ii) over fill to the bottom of the road crust		
	d) The side fill shall consist of granular material laid in 15 cms. Layer each consolidated by mechanical tempering and controlled addition of moisture to 95% of the proctor density. Over fill shall be compacted to the same density as the material that has been removed.		



	Consolidation by saturation or ponding will not permitted.		
	e) The road crust shall be built to the same strength as the existing crust on either side of the trench, Care shall be taken to avoid the formation of a dip at the trench.		
	f) The excavation shall be protected by flagman, Signs and barricades and red lights during right hours.		
	g) If required a diversion shall be constructed at the expense of agency owing the utility line.		
2.4.2	Horizontal Directional Drilling (HDD) Method	Enclosed herewith	
2.4.3	Methodology for laying of the pipeline through CD works and method of laying In cases where the carrying of gas pipeline on the bridge becomes inescapable	NA	
3	Draft License Agreement signed by two witnesses	Enclosed herewith	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22.11.2016.	Enclosed	
4	Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22.11.2016 is obtained	Will be provided at the time of final grant	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	BG will be provided at the time of final grant	
5	Affidavit/Undertaking from the Applicant for following is to be furnished		
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, Enclosed herewith	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI	Yes, Enclosed herewith	
5.3	Undertaking for confirming all standard conditions of Ministry/ NHAI's guidelines	Yes, Enclosed herewith	



5.4	Undertaking for indemnity against all damages and claims	Yes, Enclosed herewith	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic	Yes, Enclosed herewith	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant	Yes, Enclosed herewith	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation shifting or repairs, or alterations to the utility located in the National Highway Right of Ways.	Yes, Enclosed herewith	
5.8	Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Yes, Enclosed herewith	
5.9	Undertaking that text of the License deed is as per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22.11.2016	Yes, Enclosed herewith	
5.10	Undertaking that the applicant has obtained various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, state/central pollution control board and any other statutory clearances as applicable, before applying to Highway Administration.	Yes, Enclosed herewith	
5.11	If the MoRTH/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 MoRTH/NHAI at the cost of the Agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, Enclosed herewith	



5.12	<p>Certificate from the applicant in the following format</p> <p>i) Laying of Gas pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic</p> <p>ii) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development.</p>	Yes, Enclosed herewith	
6	<p>Who will sign the agreement on behalf of Gas pipeline agency?</p> <p>Power of attorney to sign the Agreement is available or not</p>	<p>Vice President – Projects Adani Total Gas Limited</p> <p>Copy of Power of Attorney enclosed.</p>	
7	The Project Director shall submit the following certificates		
7.1	<p>Certificate that the proposal is confirming to all standard conditions issued vide MoRTH circular No. RW/NH/33044/29/2015/S&R dated 22.11.2016</p>	Enclosed herewith	
7.2	<p>Certificate from the PD in the following format</p> <p>i) "It is certified that any other location of the Gas pipeline would be extremely difficult and unreasonably costly and the installation of Gas pipeline within RoW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriage way, casing of curve etc."</p> <p>ii) for 6 laning</p> <p>a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed</p>	<p>Enclosed herewith</p> <p>Enclosed herewith</p> <p>Enclosed herewith</p>	



	structures at the said location". b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning."		
8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement "the permitted highway on which licensee has been granted the right lay Gas Pipeline/duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of _____ section from Km. _____ to Km. _____ of NH No. _____ on Build, Operate and Transfer basis and therefore the licensee shall honor same.	NA	
9	Who will supervise the work of laying of Utility Pipeline		
	a) On behalf of the applicant	Vice President, Adani Total Gas Limited, Cuddalore	
	b) On behalf of MoRTH/NHAI	NHAI, PIU, Pondicherry	
10	Who will ensure that the defects in road portion after laying of utility pipeline are corrected and if not corrected then what action will be taken.		
	c) On behalf of the applicant	Vice President, Adani Total Gas Limited, Cuddalore	
	d) On behalf of MoRTH/NHAI	NHAI, PIU, Pondicherry	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	Adani Gas Limited	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Yes, enclosed herewith	
13	If any previous approval is accorded for laying gas pipeline, then photocopy of register of	NA	



	records of permissions accorded (as maintained by PD) to be enclosed.		



Rajesh Prabhu
Vice President (Projects)

S. SAKTHIVEL
Dy. General Manager (T) &
Project Director, NHAI
FIU - Puducherry.

[Signature of concerned field
authority of NHAI/PWD/BRO]

CERTIFICATE

1. This proposal when implemented will not affect the design, stability and traffic safety of Highway.
2. This proposal if implemented now will not affect any likely further improvement to the Geometric.
3. This proposal is in accordance with the specification laid down by the Ministry of surface Transport, vide Lr. No. RW/NH-33041/17/2000 – SNR / dated 29.09.2000 without making any inconvenience for the traffic through the road.
4. Laying of the Gas pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
5. We do undertake that we will relocate our utilities at our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.

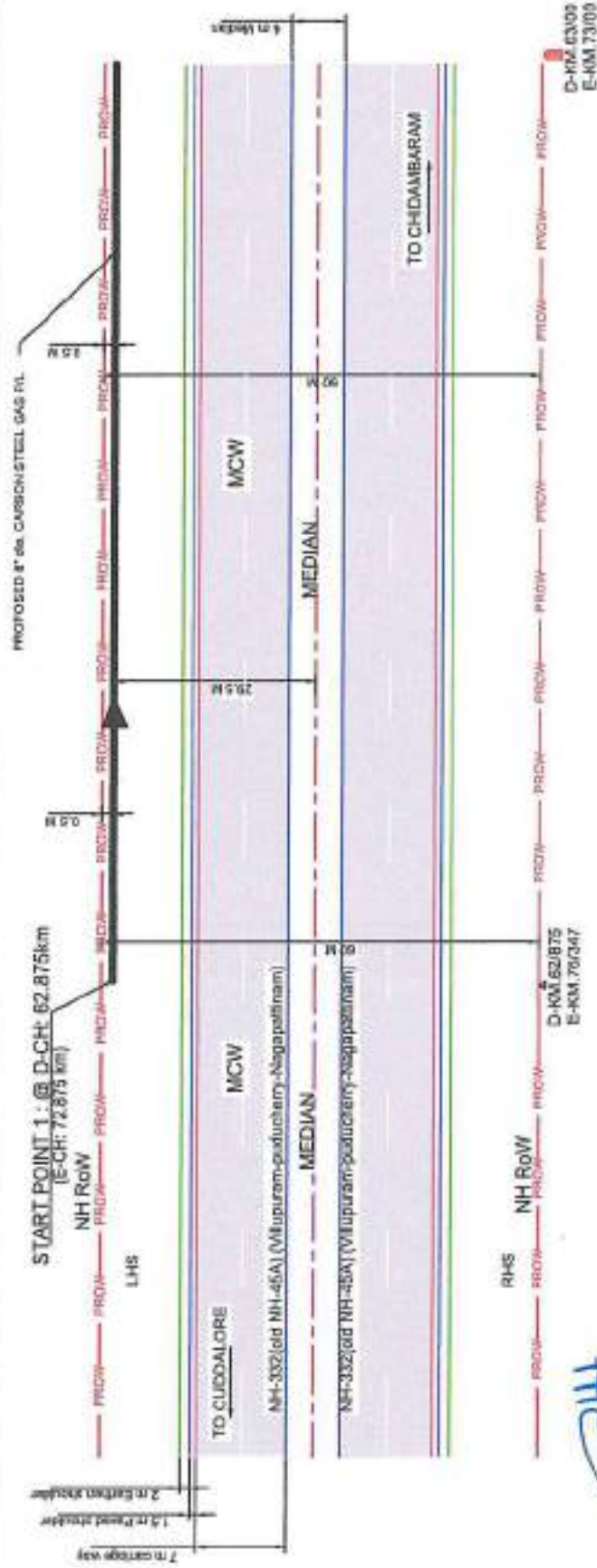


SHRI. Rajesh Prabhu

Vice President - Projects

01

Proposed Carbon Steel Gas P/L Along the Row of NH-332(old NH45A) Design Ch: from KM 62/875 to KM 63/00,
Existing Ch: KM 72/875 to KM 73/00 (LHS) (Villupuram-puducherry-Nagapattinam) - Trenchless (HDD) method



S. SAKTHIVEL
Dy. General Manager (T) &
Project Director, NHAI
PIU - Puducherry.

Proposed Layout plan as per DPR of NH 45A

Legends :

- Proposed Steel Gas P/L
- Center Line of Carriage Way
- NH
- Service Road
- Zone
- Paved shoulder
- Earthen shoulder

NOTES:

1. ALL DIMENSIONS ARE IN METERS
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. DO NOT SCALE THE DRAWING.
4. DRAWING NOT TO SCALE

TITLE:

Proposed Carbon Steel Gas Pipeline

ADANI

ADANI TOTAL GAS LIMITED

Adani Gas
Adani Group, Adani Group, Adani Group
House Standings Admitted, Gujarat, India

DISHPANDU - PATIL CONSULTANTS

Adani Group, Adani Group, Adani Group
House Standings Admitted, Gujarat, India



ADITI/13/2023/ADANI TOTAL GAS LIMITED

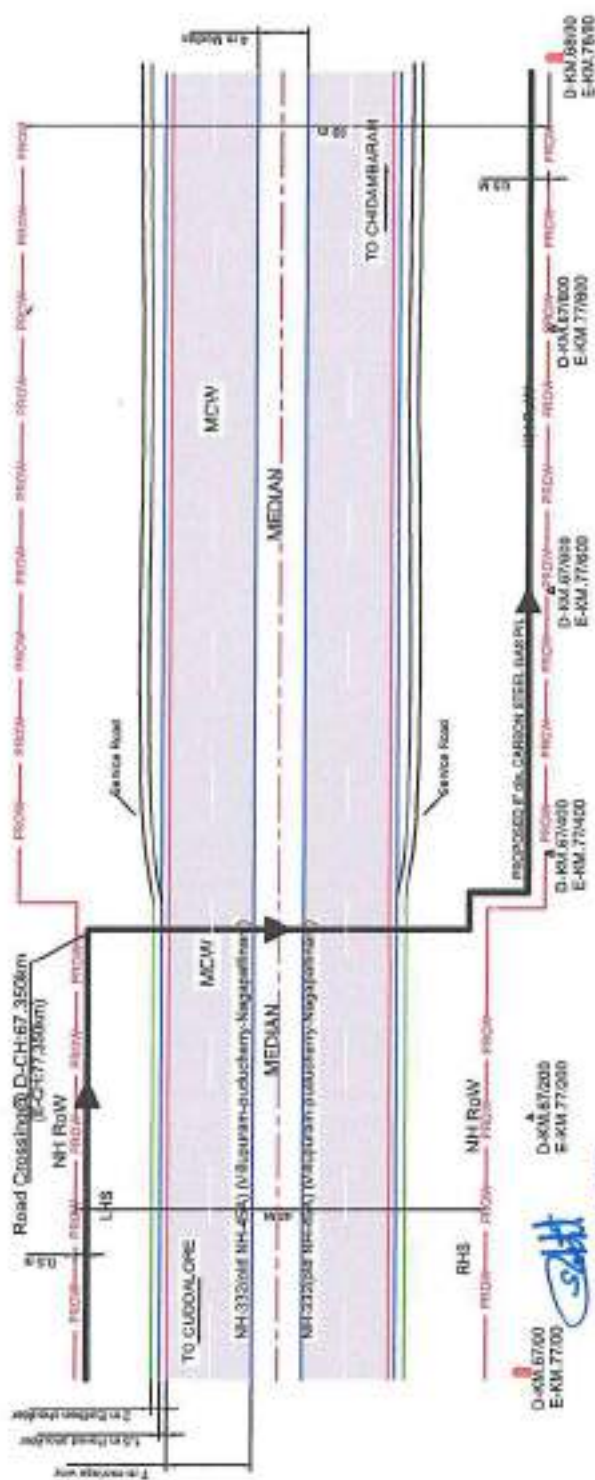
Proposed Carbon Steel Gas P/L Along the Row of NH-332(old NH45A) Design Ch: from KM 64/00 to KM 64/650, Existing Ch:KM 74/00 to KM 74/650 (LHS) (Villupuram-puducherry-Nagapattinam) - Trenchless (HDD) method



Proposed Layout plan as per DPR of NH 45A

AUTHORIZED SIGNATURE FOR ADANT TOTAL GAS LIMITED





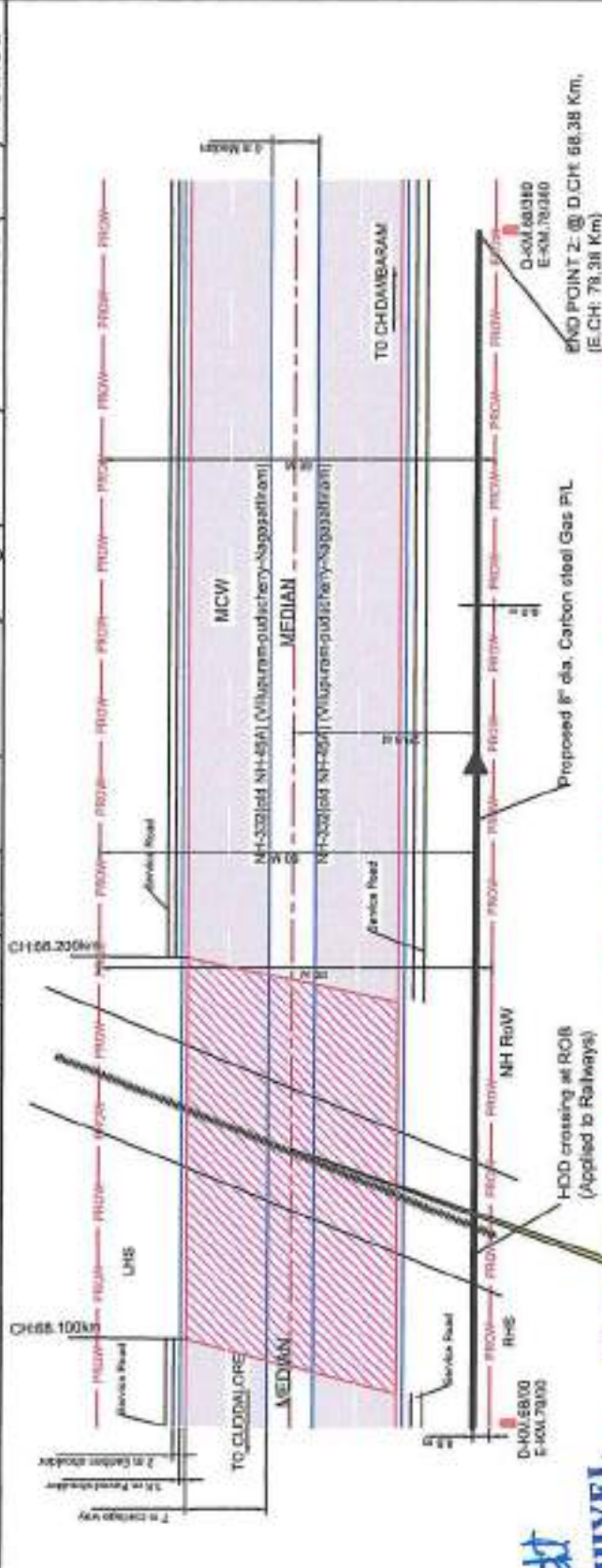
S. SAKTHIVEL

**Dy. General Manager (T) &
Project Director, NHAI**

Proposed Layout plan as per DPR of NH 45A

Legend:		NOTES: 1. ALL DIMENSIONS ARE IN METERS 2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWING. 3. TRAINING NOT TO SCALE	TITLE: Proposed Carbon Steel Gas Pipeline
Proposed Steel Gas P/L			DESIGNER: ADANI TOTAL GAS LIMITED <small>(Site Plan) - East West Asset Corporate</small> <small>Industrial Engineering & Construction, Gujarat India</small>
Cons Lias Off-Corridor Way			DATE: 08-07-2024 DWG NO: EWTG-SP-001
NR			PROJECT NO: 2024070001 SCALE: AS SHOWN
Service Road			APPROVED BY: DESHPANDE - PATIL CONSULTANTS <small>INDUSTRIAL ENGINEERING & CONSTRUCTION, GUJARAT INDIA</small>
New Prop boundary Existing boundary Service Holder			ATTACHMENT OF SEAL REQUIRED FOR ADANI TOTAL GAS LIMITED

Proposed Carbon Steel Gas P/L Along the Row of NH-332(old NH45A) Design Ch: from KM 68/00 to KM 68/38, Existing Ch:KM 78/00 to KM 78/38 (RHS) (Villupuram-puducherry-Nagapattinam) - Trenchless (HDD) method



Proposed Layout plan as per DPR of NH 45A

S. SAKTHIVEL
Dy. General Manager (T) &
Project Director, NHAI
2001 - Pulicherry.

Legenda:

- Proposed East O'Fallon
- County Lake O'Fallon
- NH
- St. Charles Road
- Road
- Highway
- Planned development
- Future development

NOTES:

1. ALL DIMENSIONS ARE IN METERS.
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
DO NOT SCALE THE DRAWING.
3. DRAWING NOT TO SCALE

TITLE: Revised Carbon Short Assessment

ADANI TOTAL GAS LIMITED

Black Flare, East Block, Afton Corporate
Houses, Chequamegon-Nishnawbee, Sault Ste. Marie



DEMPHRE - PATI CONSULTANTS

11-12, 1st Floor, Kailash Colony, New Delhi - 110048
T: +91-11-26100111, F: +91-11-26100112, E: info@demphre.com

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DOI: 10.1177/0022032110392511
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TYPICAL CROSS SECTION AT FLYOVER AT D - CH : KM 62.875 to 63.320

Trenchless(HDD) Crossing



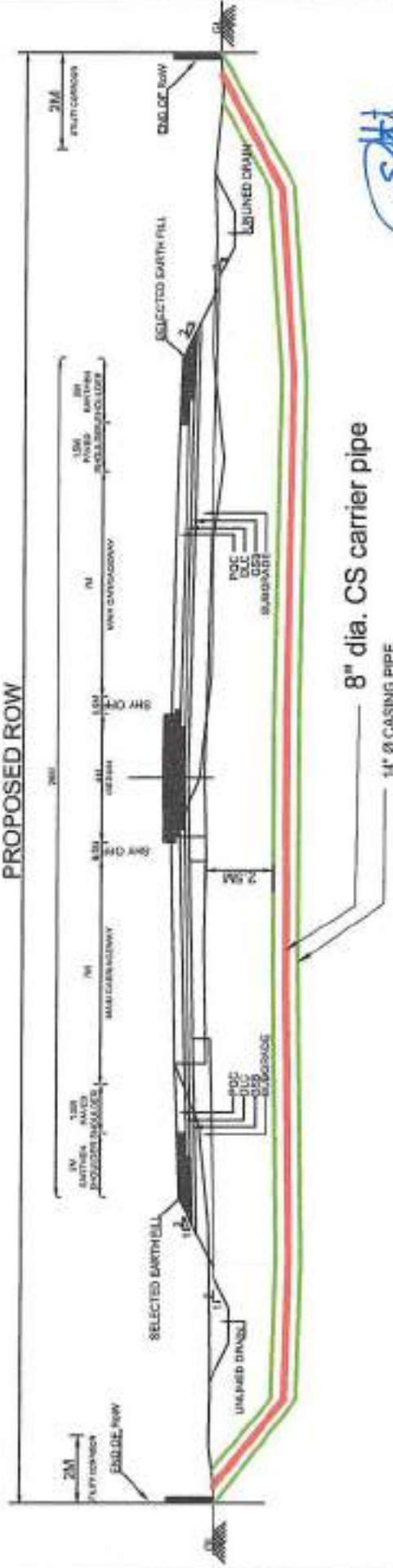
S. SAKTHIVEL
 Dy. General Manager (T) &
 Project Director, NHAI
 PIU - Puducherry.

TYPICAL CROSS SECTION AT FLYOVER SECTION

<p>NOTES:</p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN METERS 2. ONLY VERTICAL DIMENSIONS SHALL BE FOLLOWED. 3. DO NOT SCALE THE DRAWING. 4. DRAWING NOT TO SCALE 	<p>TITLE: TYPICAL CROSS SECTION (AT FLYOVER SECTION)</p>	<p>ADANI TOTAL GAS LIMITED</p> <p>ADANI TOTAL GAS LIMITED 5th Floor, 5th Floor, 5th Floor, 5th Floor 5th Floor, 5th Floor, 5th Floor, 5th Floor</p>
<p>LEGENDS:</p> <ul style="list-style-type: none"> Proposed Gas P/L Existing HT cable 	<p>ADANI TOTAL GAS LIMITED</p> <p>ADANI TOTAL GAS LIMITED 5th Floor, 5th Floor, 5th Floor, 5th Floor 5th Floor, 5th Floor, 5th Floor, 5th Floor</p>	<p>ADANI TOTAL GAS LIMITED</p> <p>ADANI TOTAL GAS LIMITED 5th Floor, 5th Floor, 5th Floor, 5th Floor 5th Floor, 5th Floor, 5th Floor, 5th Floor</p>

TYPICAL HDD CROSSING AT D - CH : 67.350 KM (E - CH : 77.350 KM)

45 M
PROPOSED ROW



8" dia. CS carrier pipe

14" Ø CASING PIPE

Saktivel

TYPICAL CROSS SECTION (ACROSS THE ROAD)

Trenchless(HDD) Crossing

S. SAKTHIVEL
Dy. General Manager (T) &
Project Director, NHAI
FIU - Puducherry.

Legends :
Proposed Gas P/L
Casing Pipe

NOTES:

1. ALL DIMENSIONS ARE IN METERS
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED
3. DO NOT SCALE THE DRAWING.
4. DRAWING NOT TO SCALE

TITLE: Typical cross section across the road

ADANI TOTAL GAS LIMITED

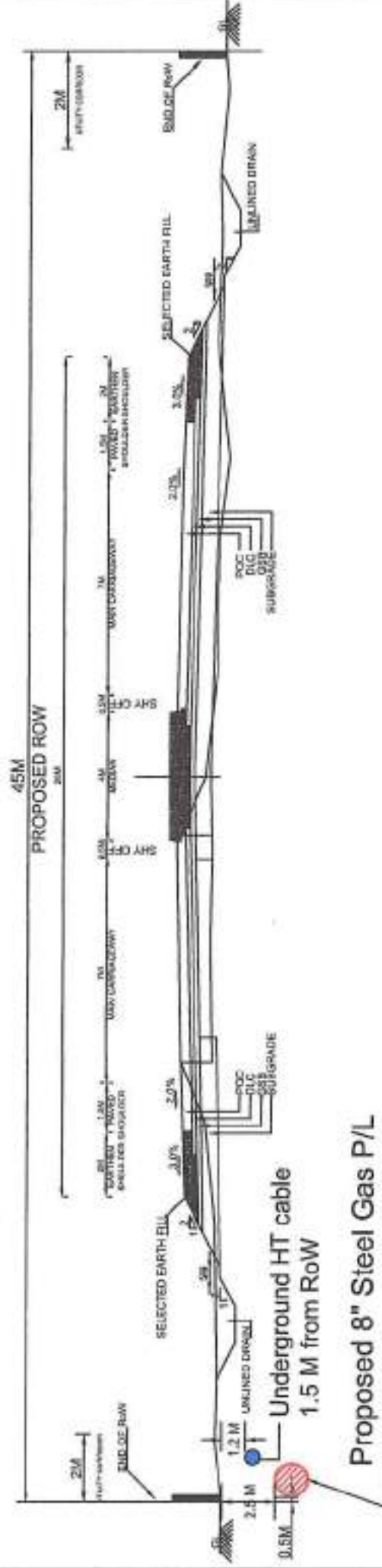
South Floor, East Block, Anna Corridor,
Hauz Khas, New Delhi - 110016

DESIGNER: DESHPANDE + PATIL CONSULTANTS

AUTHORISED SIGNATURE
FOR ADANI TOTAL GAS LIMITED



Trenchless(HDD) Laying Technique



S. Sakthivel

S. SAKTHIVEL
Dy. General Manager (T) &
Project Director, NHAI
FIU - Puducherry.



AUTHORISE SIGNATORY
FOR ADANI TOTAL GAS LIMITED

NOTES:

1. ALL DIMENSIONS ARE IN METERS
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWING.
3. DRAWING NOT TO SCALE

TITLE: Cross sectional view

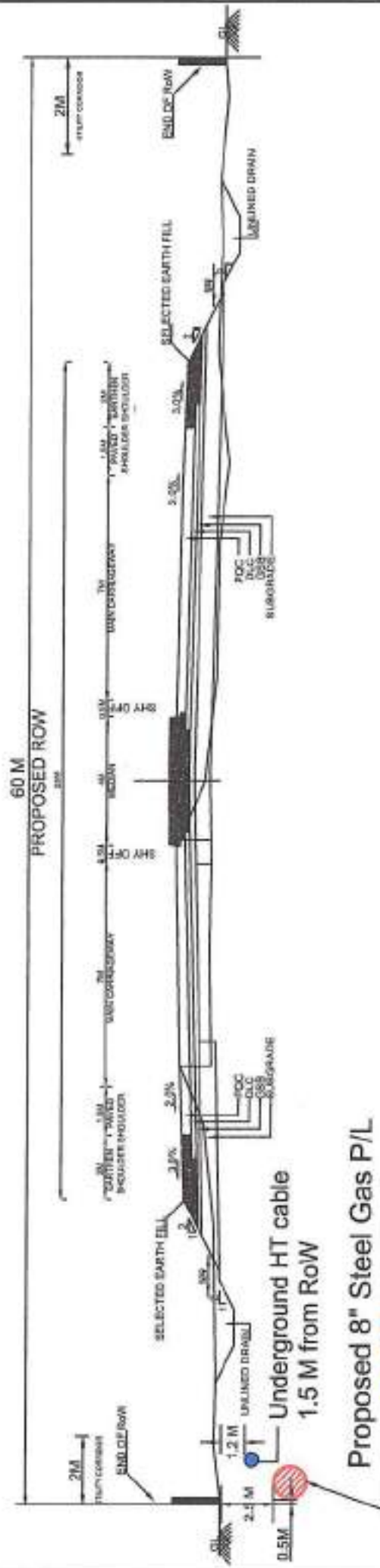
ADANI TOTAL GAS LIMITED

3rd Floor, East Block, Adani Corporate
Housing, Mangalore, Karnataka, India

DESHPANDE - PATIL CONSULTANTS

ADANI TOTAL GAS LIMITED, 3RD FLOOR, EAST BLOCK, ADANI CORPORATE HOUSING, MANGALORE, KARNATAKA, INDIA

Trenchless(HDD) Laying Technique



Proposed 8" Steel Gas P/L

S. SAKTHIVEL
Dy. General Manager (T) &
Project Director, NHAI
PUDUCHERRY.

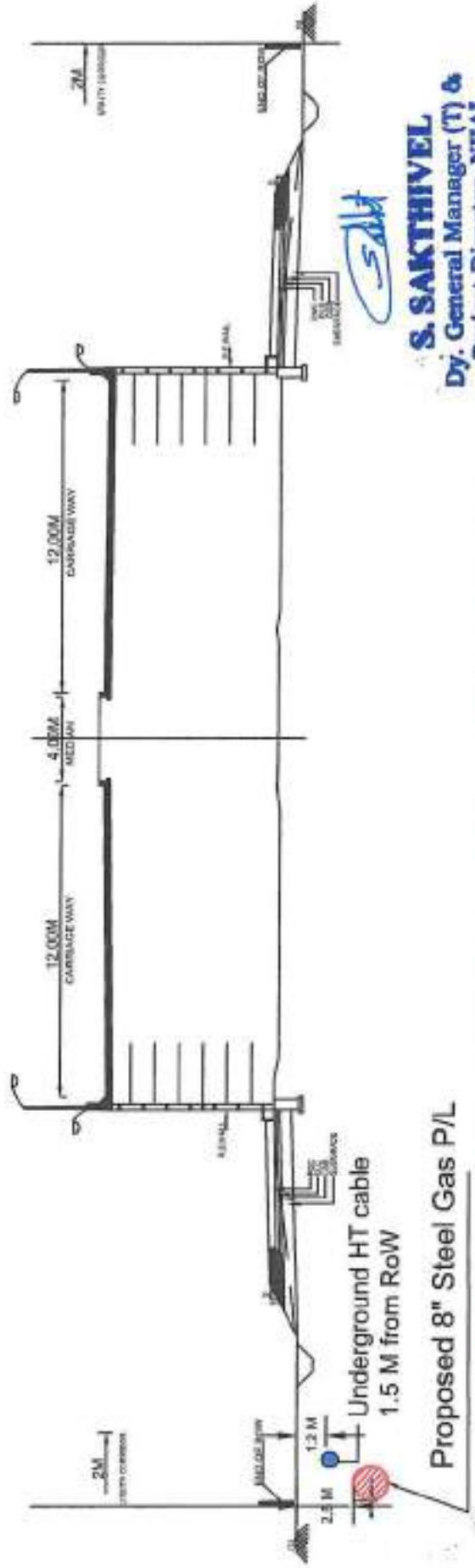
TYPICAL CROSS SECTION (ALONG THE ROAD)

<p>NOTES:</p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN METERS. 2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DO NOT SCALE THE DRAWING. 3. DRAWING NOT TO SCALE 	<p>TITLE: Cross sectional view</p> <p>CLIENT: ADANI Total GAS LIMITED Sixth Floor, First Block, Adani Corporate House, Shaligram Apartment, Gopalpet, Bellary</p> <p>DESIGNED BY: DESHPANDE - PATIL CONSULTANTS 1, 2nd Floor, 1st Block, Adani Corporate House, Shaligram Apartment, Gopalpet, Bellary</p> <p>DATE: 15/05/2024</p>	<p>AUTHORIZED SIGNATORY: </p> <p>FOR ADANI Total GAS LIMITED</p>
---	--	---

TYPICAL CROSS SECTION AT FLYOVER AT D - CH : KM 62.875 to 63.320, 67.867 to 68.38

Trenchless(HDD) Crossing

60M
PROPOSED ROW



S. SAKTHIVEL
Dy. General Manager (T) &
Project Director, NHAI
PIU - Puducherry.

TYPICAL CROSS SECTION AT FLYOVER SECTION

Legends :
Proposed Gas P/L
TNEB HT cable

NOTES:
1. ALL DIMENSIONS ARE IN METER
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED
DO NOT SCALE THE DRAWING.
3. DRAWING NOT TO SCALE

TITLE: TYPICAL CROSS SECTION (AT FLYOVER SECTION)

ADANI TOTAL GAS LIMITED

ADANI TOTAL GAS LIMITED
South India, East Asia, Adani Corporate
Headquarters, Ahmedabad, Gujarat, India

DISHPADE - PATIL CONSULTANTS

AUTHORIZED SIGNATURE
FOR ADANI TOTAL GAS LIMITED

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMIL NADU

RS.20
no. 1608
6.9.2021

ADANI TOTAL GAS LTD.
UNDERTAKING
AHMEDABAD.

99AB 540436

சென்னை தலைநகர கட்டுப்பாட்டுத் துறை

R. கருணாநிதி

S.V.L. No.3/97

Adani Total Gas Limited undertake that we will not damage any other existing utility during the execution of work for laying Natural Gas Pipeline, if damaged then we will pay the losses either to MoRTH / NHAI or to the concerned agency.

- Adani Total Gas Limited undertakes for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.
- Adani Total Gas Limited undertakes to confirm all standard conditions of MoRTH / NHAI guidelines for the work of laying of Natural Gas Pipeline.
- Adani Total Gas Limited undertakes for indemnity against all damages and claims
- Adani Total Gas Limited hereby undertakes that we will manage the traffic movement during laying of Natural Gas Pipeline without hampering the traffic.
- Adani Total Gas Limited hereby undertakes that we will pay if any claim is raised by the Concessionaire / Contractor during laying of Natural Gas Pipeline.
- Adani Total Gas Limited hereby undertakes that prior approval of NHAI will be obtained before undertaking any work of installation, shifting or repairs or alterations to the utility located in the National Highways right of ways.



8. Adani Total Gas Limited hereby undertakes that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting of the utility line will be borne by us.
9. Adani Total Gas Limited hereby undertakes that text of the License deed is as per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22.11.2016
10. Adani Total Gas Limited hereby undertake that we will obtain various safety clearance from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearance as per the guideline of PNGRB or any other statutory authorities to lay Natural Gas Pipeline.
11. Adani Total Gas Limited undertakes that if MoRTH / NHAI considers it necessary in future to move the utility line for any work of improvements or repairs to the road, it will be carried out as desired by the MoRTH / NHAI at our own cost within a reasonable time (not exceeding 60 days) of the intimation given.



Rajesh Prabhu
Vice President (Projects)
Adani Total Gas Limited

[As per clause 5 of checklist]



தமிழ்நாடு தமிழ்நாடு TAMILNADU

RS.100 ADANI TOTAL GAS LTD.

no.1606

6,9,2021

AHMEDABAD.

CK 945095

[Signature]

ச.சு.நா. 007 001, தமிழ்நாடு.

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

Agreements to lay underground proposed 8" Ø (219 mm) Carbon Steel and 125mm dia. MDPE Gas Pipeline along and across NH 332(old NH-45A) (Villupuram-Puducherry-Nagapattinam Highway).

This agreement made this day of Month of Year between National Highway Authority of India acting in his executive capacity through..... (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and M/s Adani Total Gas Limited(CGD Co), a Company incorporated under the companies Act,1956 and having its registered office at "Adani House" Nr.Mithakhakli Six Roads,Navrangpura, Ahemdabad 380009, Gujarat (CGD Co.)(hereinafter called the "Licensee") Which expression shall unless excluded by or repugnant to the context, include its successors/administrator assignees on the Second Part.

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands in

Along Chainage:-



- NH 332 (old NH-45A) From Design Ch: 62+875 Km to 64+650 Km (Existing Ch: 72+875 to 74+650 km)
- NH 332 (old NH-45A) From Design Ch: 66+347 Km to 67+350 Km (Existing Ch: 76+347 to 77+350 km)
- NH 332 (old NH-45A) From Design Ch: 67+350 Km to 68+380 Km (Existing Ch: 77+350 to 78+380 km)

Across Chainage:-

- NH 332 (old NH-45A) road crossing at Design Ch. No: 67+350 Km (Existing Ch: 77+350 km)

Whereas the Licensee proposed to lay underground 8" Ø (219 mm) Carbon Steel and 125mm dia. MDPE Gas Pipeline along NH 332 (old NH-45A) (Villupuram-Puducherry - Nagapattinam Highway)

Whereas the Licensee has applied to the authority for permission to lay utility services

Along Chainage:-

- NH 332 (old NH-45A) From Design Ch: 62+875 Km to 64+650 Km (Existing Ch: 72+875 to 74+650 km) (L.H.S) - Carbon steel & MDPE
- NH 332 (old NH-45A) From Design Ch: 66+347 Km to 67+350 Km (Existing Ch: 76+347 to 77+350 km) (L.H.S) - Carbon steel
- NH 332 (old NH-45A) From Design Ch: 67+350 Km to 68+380 Km (Existing Ch: 77+350 to 78+380 km) (R.H.S) - Carbon steel

Across Chainage:-

- NH 332 (old NH-45A) road crossing at Design Ch. No: 67+350 Km (Existing Ch: 77+350 km) (L.H.S - R.H.S) - Carbon steel

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

Now this agreement witnessed that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely.

1. ROW permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway ROW is not for enhancing the scope of activity a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the ROW and any subsequent user will be permitted to use the ROW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfillment of technical requirements shall be final and

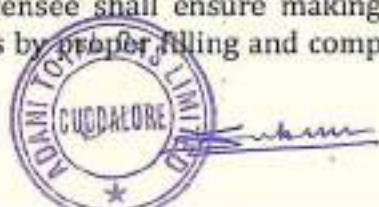


binding on all concerned parties. In case any disruption/ damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.

3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, Project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs..... /sq m/month i.e. total amount Rs. to the Authority. The Licensee fee shall become payable from the date of handing over of ROW land to the Licensee, for laying of utilities/ cable /conduits / pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a licensee agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00m wide utility corridor on either side of the extreme edge of ROW. In case of where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the ROW. In case of restricted width of ROW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc, the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railing/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation & maintenance will have to be borne by the Licensee.



10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for/ landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing/ conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing / conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment – I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing / conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained herein below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill shall be completed in two stages (i) Side fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or pounding will not be permitted.
 - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same

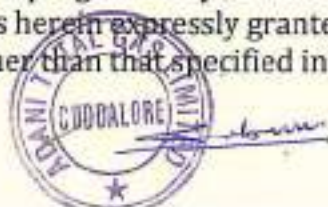


condition as it was before digging the trench, clearing debris/ loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.

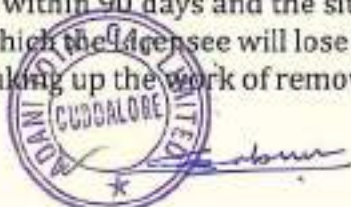
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement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



24. If the Licensee fails to comply with any condition to the satisfaction of the Authority the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of Licensee is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/ other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/ give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches for fresh or maintenance / repair works. A separate performance Bank Guarantee for maintenance/ repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designed by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay, in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land/ property, other than what is herein expressly granted. No use of NH ROW will be permitted for any purpose other than that specified in the Agreement.



33. During the subsistence of this Agreement, the utility services located in highway land/ property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and infeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the site at all times to the authorized representatives of Authority to inspect the Project facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co- ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standard for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/ industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary to take account of.
 - a. Operation, repair and maintenance guidelines given by the manufactures.
 - b. The requirements of Law
 - c. The physical conditions at the site and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/ expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However, before taking up the work of removal of utility services and Licensee shall furnish a



Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the ROW.

42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaries due to such laying/ shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaries. MoRT&H/ NHAI/ implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

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

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI

SIGNED ON BEHALF OF M/s. **Adani Total Gas Limited** (LICENSEE)

BY SHRI

Rajesh Prabhu

Vice President (Projects)


(Signature, Name & Address with Stamp)

HOLDER OF GENERAL POWER OF ATTORNEY

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO.....

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

IN THE PRESENCE OF (WITNESSES):

1. 

2.



ABSTRACT

Industries – City Gas Distribution Projects (CGD) – General guidelines for grant of permission – Orders – Issued.

Industries (MIA.1) Department

G.O.(Ms)No.127

Dated 27.05.2020

சார்வரி வருடம், வைகாசி 14

திருவள்ளூர் ஆண்டு 2051,

Read:

1. From the Head – Technical Services, AG&P CGD India Pvt Ltd, Letter No.AGPCGD/TS/2019 – 21 / 016, Dated 03.10.2019.
2. From the Project Co-ordinator, Torrent Gas Private Limited, Letter No. TGPL/NGT/CGD/2019-20/047, Dated 14.10.2019
3. From the Director of Rural Development and Panchayat Raj Department, Letter Rc.No.67316/2019/PRI-3.1, Dated 29.02.2020.
4. From the Commissioner of Municipal Administration, Letter R.C.No.529/2020/E.3, Dated 10.03.2020
5. From the Chief Engineer(C&M) Highways Department, Letter No.2020/Salai/2020, dated: 11.03.2020

ORDER:-

The Ministry of Petroleum and Natural Gas Department, Government of India has authorised City Gas Distribution Projects in the following 9 Geographical Areas in Tamil Nadu

S.No	Geographical Area(GA)	Authorized Entity
1.	Nagapattinam District	Torrent Gas Private Limited
2.	Kanchipuram District	Consortium of AG & P LNG Marketing PTE Limited & Atlantic Gulf & Pacific

[Signature]

3.	Chennai & Tiruvallur Districts	Torrent Gas Private Limited
4.	Coimbatore District	Indian Oil Corporation Limited
5.	Cuddalore Nagapattinam & Tiruvarur Districts	Adani Gas Limited
6.	Ramanathapuram District	Consortium of AG & P LNG Marketing PTE Limited & Atlantic Gulf & Pacific
7.	Salem District	Indian Oil Corporation Limited
8.	Tiruppur District	Adani Gas Limited
9.	Vellore District	Consortium of AG & P LNG Marketing PTE Ltd. & Atlantic Gulf & Pacific

2. In the letters first and second read above, the AG & P CGD India Pvt. Ltd and Torrent Gas Private Ltd had requested facilitation for implementation of City Gas Distribution Network Projects in the State of Tamil Nadu.

3. Subsequently, it was decided in the meeting convened under the chairmanship of Chief Secretary to Government held on 5.11.2019 and 13.2.2020 to frame a Common guidelines / instructions for implementation of City Gas Distribution Projects in Tamil Nadu.

4. In the letters third to fifth read above, Director of Rural Development and Panchayat Raj Department, the Commissioner of Municipal Administration and the Chief Engineer (C&M), Highways Department have furnished restoration charges for the Rural Development and Panchayat Raj Department Roads, Municipal Roads and Highways Roads respectively.

5. After careful consideration and deliberations the Government hereby issue the following common guidelines / instructions for grant of permission to lay city Gas Distribution Projects and to fix the restoration charges as follows:

I. Restoration charges for Roads under the Rural Development and Panchayat Raj Department

Sl. No.	Types of Surface	Cost per KM (Rs.)
1.	Road shoulders	2,86,000
2.	BT Roads	14,63,000



3.	WBM Roads	11,73,000
4.	CC Roads	21,75,000

II. Restoration charges for Municipal Roads

Sl.No.	Types of Surface	Cost per KM (Rs.)
1.	BT Roads	20,00,000
2.	CC Roads	21,75,000
3.	Paver Block Roads	17,00,000
4.	Earthen Roads	3,10,000
5.	WBM Roads	4,40,000

III. Restoration charges for Highways Roads

Sl.No.	Types of Surface	Cost per KM (Rs.)
1.	BT Roads	20.11 lakhs
2.	Berms	6.07 lakhs
3.	Paver block roads	17.50 lakhs

IV. General

- All departments of State Government and local bodies shall extend full co-operation for laying City Gas Pipelines.
- For road cuts, upfront restoration charges will be collected from City Gas Distribution Companies by the department / local body owning the road at rates fixed above.
- The road cut restoration charges fixed above shall be valid for a period of three financial years from 2020-2021 onwards.
- The cost of shifting of utilities, if involved, will be met by the City Gas Distribution Company.
- Once an application for road cut is submitted to Divisional Engineer (Highways) or the concerned local body with payment at the rate per kilometer fixed above, if any further payment is required from the City Gas Distribution Company on account of shifting of utilities, the amount must be informed to the City Gas Distribution Company within 10 days of application.
- Once all payments are made by the City Gas Distribution Company, requisite permission for road cut must be issued within 10 days of receipt of payment.



- g) Track rent charges fixed and revised from time to time by Government in Revenue and Disaster Management Department shall be applicable.
- h) Land required for ancillary infrastructure will be allotted on lease, for such number of years as requested by companies as per existing rules.
- i) A District Level Monitoring Committee (DLMC) headed by the District Collector will monitor the progress of City Gas Distribution works. The District Level Monitoring Committee shall consist of the Superintendent of Police, Divisional Engineer (Highways), Assistant Director (Panchayat) and all the Municipal Commissioners of the relevant towns/cities. The District Level Monitoring Committee must meet once in two months and the representative of the City Gas Distribution Company / Companies operating in the District must be invited for this meeting.
- j) Highways and Minor Ports Department, Rural Development and Panchayat Raj Department and Municipal Administration and Water Supply Departments may issue additional operational guidelines if necessary, in addition to the guidelines prescribed above on the aspects like future road expansion, co-existence with other utilities, period of pipeline laying and public safety. However no City Gas Distribution Pipeline laying permission shall be withheld solely on account of absence of issue of such guidelines.
- k) The City Gas Distribution Companies while laying and maintaining gas pipelines, shall comply with all applicable national norms.
- l) The above fixed rates and guidelines will be applicable to all further the City Gas Distribution projects also.

(BY ORDER OF THE GOVERNOR)

**N.MURUGANANDAM,
PRINCIPAL SECRETARY TO GOVERNMENT.**

To

The Additional Chief Secretary to Government,
Rural Development and Panchayat Raj Department,
Secretariat, Chennai - 600 009.



The Additional Chief Secretary to Government,
Municipal Administration and Water Supply Department,
Secretariat, Chennai – 600 009.

The Additional Chief Secretary to Government,
Revenue and Disaster Management Department,
Secretariat, Chennai – 600 009.

The Principal Secretary to Government,
Highways and Minor Ports Department,
Secretariat, Chennai – 600 009.

The Director of Rural Development and
Panchayat Raj Department,
Panagal Building, Saidapet, Chennai -600 015.

The Commissioner of Municipal Administration,
75, Santhom Road, R.A.Puram, Chennai – 600 028.

The Chief Engineer (C&M), Highways Department,
Guindy, Chennai – 600 025.

Copy to:

The O/o Hon'ble Chief Minister,
Secretariat, Chennai – 600 009.

AG&P CGD India Pvt Ltd,
No.23, Rajiv Gandhi Salai (OMR),
1st Floor, Building No Core 2,
Pacifica Tech Park, Navalur, Chennai – 600 130.

Torrent Gas Private Limited,
"Global Towers" 1st Floor,
No.42, Jawaharlal Nehru Street,
Karaikal - 609 605.

Industries (OP.II) Department, Secretariat, Chennai – 600 009.

Stock File / Spare Copy.

// Forwarded / By Order //

S.M. Pandey
27/9/2020
SECTION OFFICER

S. S. S.

PNGRB/CGD/BID/9/2018/GA/64/Tamil Nadu -Bid Evaluation

पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड

Petroleum and Natural Gas Regulatory Board

प्रथम-तल, वर्ल्ड ट्रेड सेंटर, बाबर रोड, नयी दिल्ली - 110001

1st Floor, World Trade Centre, Babar Road, New Delhi - 110001

28th September, 2018

To

Adani Gas Limited,
Heritage Building, 8th Floor,
Ashram Road, Usmanpura,
Ahmedabad- 380014

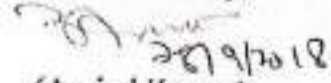
Subject: Grant of Authorization to Adani Gas Limited for development of City Gas Distribution Network in the Geographical Area of Cuddalore, Nagapatinam & Tiruvarur Districts.

Sir,

With reference to PNGRB communication of even number dated 13.9.2018 for schedule-D, the PBG reference of your letter dated 17.08.2018 may be read as dated 10.09.2018

2. All other terms and conditions shall remain unchanged.

Yours faithfully,



(Arvind Kumar)
Additional Advisor





PNGRB/CGD/BID/9/2018/GA/64/Tamil Nadu –Bid Evaluation

पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड

Petroleum and Natural Gas Regulatory Board

प्रथम-तल, वर्ल्ड ट्रेड सेंटर, बाबर रोड, नयी दिल्ली - 110001

1st Floor, World Trade Centre, Babar Road, New Delhi – 110001

13th September, 2018

To

Adani Gas Limited,
Heritage Building, 8th Floor,
Ashram Road, Usmanpura,
Ahmedabad- 380014

Subject: Grant of Authorization to Adani Gas Limited for development of City Gas Distribution Network in the Geographical Area of Cuddalore, Nagapatinam & Tiruvarur Districts.

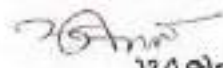
Sir,

With reference to submission of Performance Bank Guarantee for Rs. 33 crores vide your letter dated 17.08.2018, as per the requirement under Regulation 10(1) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008, please find enclosed authorization in Schedule D for the GA of Cuddalore, Nagapatinam & Tiruvarur Districts in duplicate.

2. The tariff applicability is as per the Judgment of Hon'ble Supreme Court of India in the SLP No. 22273 of 2012.
3. You are requested to put your stamp & signature on each page of the document and return one copy, within 7 days of receipt of this communication, to the PNGRB for records.
4. The enclosed authorization issues with the approval of the Board.

Yours faithfully,

Encl: As above


13/9/2018
(Arvind Kumar)
Additional Advisor

अरविन्द कुमार
ARVIND KUMAR
अपर सलाहकार
Additional Advisor
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
प्रथम तल, वर्ल्ड ट्रेड सेंटर
1st Floor, World Trade Centre
बाबर रोड, नयी दिल्ली-110001
Babar Road, New Delhi-110001





Schedule D

[see regulations 10 (1) and 18 (7)]

Grant of authorization for laying, building, operating or expanding CGD network

To

Adani Gas Limited,
Heritage Building, 8th Floor,
Ashram Road, Usmanpura,
Ahmedabad- 380014

Subject: Grant of Authorization to Adani Gas Limited for development of City Gas Distribution Network in the Geographical Area of Cuddalore, Nagapatinam & Tiruvarur Districts.

Sir,

With reference to your application-cum-bid for grant of authorization for laying, building, operating or expanding the CGD network in Cuddalore, Nagapatinam & Tiruvarur Districts in the state of Tamil Nadu, it has been decided to grant you the authorization subject to the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008 and the following terms and conditions:

1. The Authorised Area for laying, building, operating or expanding the proposed CGD Network shall cover an area of <7436.00> square kilometre and as depicted in the enclosed drawing or map,
2. The activities of laying, building, operating or expansion of the CGD Network shall commence immediately after the issuance of this authorisation.
3. The activities permitted above shall have to be completed as per the work programme mentioned below, namely: -

Serial Number	Description of Work	Numbers
1	Number of CNG Stations (Online and Daughter Booster stations) to be installed within 8 contract years from the date of authorisation	40
2	Number of domestic Piped Natural Gas connections to be achieved within 8 contract years from the date of authorisation	300089
3	Inch-km of steel pipeline to be laid within 8 contract years from the date of authorisation	839

अरविन्द कुमार
ARVIND KUMAR
अपर सलाहकार
Additional Advisor
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
प्रथम सदन, मन्जरी रोड, नई दिल्ली
1st Floor, World Trade Centre
Manjari Road, New Delhi-110001
Dabar Road, New Delhi-110001

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The entity shall be required to achieve the year-wise work programme within 8 contract years as per details given below:

PNG Connections (cumulative)		CNG Stations (cumulative)		Inch-km of steel pipeline (cumulative)	
By the end of contract year	% of work program	By the end of contract year	% of work program	By the end of contract year	% of work program
1 st	Nil	1 st	Nil	1 st	5
2 nd	10	2 nd	15	2 nd	20
3 rd	20	3 rd	30	3 rd	40
4 th	30	4 th	45	4 th	60
5 th	40	5 th	60	5 th	70
6 th	60	6 th	75	6 th	80
7 th	80	7 th	90	7 th	90
8 th	100	8 th	100	8 th	100

Note - In case derived numbers are in fraction, the same shall be rounded off to the nearest whole number and 0.5 shall be rounded off to next higher whole number.

4. Any failure on the part of the entity in complying with the milestones prescribed in the work programme shall lead to consequences as specified under regulation 16.
5. The entity shall design and install an optimal size of the infrastructure in terms of pipelines of various types including steel belting of the authorised area, online compressors of adequate capacity for compressing of natural gas into CNG, allied equipment and facilities in the CGD network depending upon the potential demand for natural gas. The infrastructure in the CGD network should be adequate to maintain uninterrupted flow of natural gas in the pipelines and be also able to maintain supplies at adequate pressure to online CNG stations.
6. The entity shall maintain an uninterrupted supply of natural gas to all categories of customers in the CGD network. In the event of any disruption in the supply of natural gas in the CGD Network, first priority shall be accorded to restoration of supplies to domestic PNG customers. In case of disruption of supply to domestic PNG customers for more than twelve hours, the entity shall compensate the domestic customer on the following manner, namely: -
 - (a) the normative volume of natural gas consumption for the first domestic PNG connection for cooking requirements based on last three months weighted average consumption per day to be applied for each day's disruption and multiplied by ten;

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Dabar Road, New Delhi-110001

- (b) normative value of natural gas consumption shall be based on last three months' weighted average billing price of natural gas for supplies to the first domestic PNG connection for cooking requirements; and
- (c) the value of compensation shall be equal to normative volume of natural gas consumption as per clause (a) above multiplied by normative value as per clause (b) and shall be adjusted by allowing a credit to the domestic PNG Customer in the next billing cycle or in the next pre-paid smart card in case of smart card metering.

In case the disruption of supplies is attributed to any fault of the domestic PNG customer, no compensation shall be payable by the entity.

7. The entity is allowed an exclusivity period under the Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008, in respect of the following, namely: -

- (a) 300 months from the date of issue of this communication for laying, building and expansion of the CGD network; and
- (b) 96 months from the date of issue of this communication in terms of an exemption from the purview of common carrier or contract carrier for the CGD network:

Provided that the entity meets the obligations in line with the Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008:

Provided further that the period of exclusivity allowed under sub-clause (a) or sub-clause (b) may be terminated before the expiry of the period mentioned above in line with the provisions under Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008.

8. The authorised entity shall be required to take prior approval from the Board for creation of any lien, charge or hypothecation of the CGD network to secure finances for the project and furnish details of utilisation of funds. And, in case of raising funds from any financial institution or bank, the entity will be required to only inform the Board of the sanction of the funds within a period of seven days.
9. The entity shall submit a detailed and clear financial closure report to the Board within a period of two hundred and seventy days from the date of authorisation issued by the Board under regulation 10.

अरविन्द कुमार
ARVIND KUMAR
अतिरिक्त सलाहकार
Additional Adviser
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
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बाबर रोड, नई दिल्ली-110001
Babar Road, New Delhi-110001





10. The entity shall publish on its website the transportation rate for CGD and transportation rate for CNG in the authorised area as per the following table namely: -

Serial Number	Description	Rate
1	Transportation rate for CGD - in rupees per million British Thermal Unit (Rs./MMBTU) for the first contract year	30
2	Transportation rate for CNG - in rupees per kilogram (Rs. /kg) for the first contract year	2
Note - Annual escalation shall be considered from the second contract year and onwards based on the "Wholesale Price Index (WPI) Data (2011-12 = 100)" for "All Group / Commodity", as normally available on the website of the Office of the Economic Adviser, Government of India, Ministry of Commerce and Industry, Department of Industrial Policy and Promotion (DIPP) on the link " http://eaindustry.nic.in/home.asp ."		

11. The entity shall publish the applicable retail selling price of PNG for all categories of customers and also for the purpose of invoicing in Rs. / MMBTU.
12. The entity shall publish and display the retail selling price of natural gas for the purpose of invoicing to CNG customers in Rs. / Kg at all-natural gas dispensing stations.
13. The furnishing of performance bond of Rs. 330 Million is a guarantee for timely commissioning of the project as per the prescribed work programme in the bid and for meeting the service obligations during the operating phase of the project.
14. The entity shall comply with the applicable provisions under the Petroleum and Natural Gas Regulatory Board (Authorising Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008, the Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008, relevant regulations for technical standards and specifications, including safety standards, any other regulations as may be applicable and the provisions of the Act.
15. In case the authorisation of the entity is terminated, the Board may assign the rights and obligations of the entity to any agency or another entity on such terms and conditions, as it may deem fit. Further, the entity may be required, as per the directions of the Board, to continue the operations of the CGD network at the same level till another agency or entity appointed by the Board takes over the full control of the CGD network.

अरविन्द कुमार
ARVIND KUMAR

अपर सलाहकार

Additional Adviser

पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
प्रथम मंज. फ्लैट ट्रेड सेंटर
1st Floor, World Trade Centre
बाबर रोड, नई दिल्ली-110001
Babar Road, New Delhi-110001





16. The entity shall comply with any other term or condition which may be notified by the Board in public interest from time to time.

You are requested to confirm your acceptance by filling-in the acceptance of the grant of authorisation provided below and return the same in original.

Yours faithfully,

अरविन्द कुमार
ARVIND KUMAR
अपर सलाहकार
Additional Adhikari
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
1st Floor, World Trade Centre
बाबर रोड, नई दिल्ली-110001
Babar Road, New Delhi-110001

Dated:

Name and Designation of Officer
On behalf of the PNGRB

Official Seal

Acceptance of the Grant of Authorisation

I / We hereby accept the grant of authorisation issued by the PNGRB vide letter ref.

< > dated < > and agree to comply with all the terms and conditions subject to which I/ We have been granted the authorisation for laying, building, operating or expanding city or local natural gas distribution network in the authorised area of _____ in the State or the Union Territory of _____.

Date: 03-October 2018

Place: FARIDABAD

Signature of the Entity or Authorised Signatory

Name and Official Seal BHASHIT DHOLAKIA



[Handwritten signature]

Serial No. 9992 Date: 18/9/2020
Name: Adani Gas Ltd
& Address: Ahmedabad
Value Rs. 300/-
(Words) Three hundred
The Kalupur Com. Co. Op. Bank Ltd.
Licence No. GUJ/SOS/AUTH/AV/1/2005
SIGN: [Signature]

THE KALUPUR COMMERCIAL
CO-OPERATIVE BANK LIMITED
AHMEDABAD

GUJ/SOS/AUTH/AV/1/2005



STAMP DUTY

00000

Rs. 0000300

SPECIAL ADHESIVE

18.9.2020

363079

GUJARAT

Zero+Zero+Zero+Zero+ThreeZero+Zero

9992 7032385

30 SEP 2020

R. A. PANCHAL
NOTARY
GOVT. OF GUJARAT

SPECIAL POWER OF ATTORNEY

Adani Gas Limited is a company incorporated as per provisions of the companies Act, 1956 and having its Registered office at 6th Floor, "Adani Corporate House", Shantigram, Nr. Vaishnodevi Circle, S G Highway, Ahmedabad - 382421, (hereinafter referred to as 'Company' or 'AGL')

WHEREAS various agreements are to be executed and various permissions are to be obtained from various Government/semi government/local authorities and departments for and behalf of the Company from time to time.

AND WHEREAS Adani Gas Limited is desirous to appoint official of the Company as its attorney to act on behalf of the Company (AGL) in the manner and to the extent hereafter appearing.

Now these presents witness that the Company doth hereby irrevocably constitute, nominate, appoint and authorize Mr. **Rajesh Prabhu** son of Shripad Prabhu, Vice President of the Company, age 53 Adult, having registered office of AGL at 6th Floor, "Adani Corporate House", Shantigram, Nr. Vaishnodevi Circle, S G Highway, Ahmedabad - 382421, Gujarat, India (hereinafter called 'Attorney') to be true and lawful attorney of the Company to do and perform the following acts and things for all matters/work related to **Geographical Area authorized to AGL in the State of Karnataka, Odisha and Tamilnadu.**

- 1) To sign and execute all agreements including Lease/s, License/s, Dealership/s, MOU/s, Declaration/s, Side Letter/s, Affidavit/s, Undertakings Notices;
- 2) To purchase and pay for Stamp papers/stamp Duty for franking as may be required to execute agreements as referred in (1) above.
- 3) To appear before appropriate authority including Registrar, Sub-registrar and sign, verify and submit any application, affidavit, undertaking and/or any other documents for the registration of agreements as referred in (1) above as and when required.
- 4) To sign & make all applications and correspondences for seeking all permissions from (i) various Authorities whether Central or State or local village authorities including but not limited to Municipal Authorities, Police, Magistrate, Petroleum and Natural Gas Regulatory Board (PNGRB), Petroleum and Explosive Safety Organisation (PESO), Public Works Department (PWD), National Highway Authority of India (NHAI), forest, Railways, and/or (ii) Govt. departments including Irrigation, fire, health, pollution, custom, excise and/or (iii) any Company, Association, Partnership Firm.



Society or any other person as may be required from time to time.

- 5) To do all incidentals, ancillary, related, connected acts and deeds as may be required.

THAT Company hereby agrees and undertakes to ratify and confirm all acts, deeds and things lawfully done by our said Attorney as acts, deeds and things done by Company.

This Specific Power of Attorney shall remain valid up to 31 March, 2021 from the date of execution.

IN WITNESS WHERE OF THE COMPANY HAS EXECUTED THIS SPECIAL POWER OF ATTORNEY ON 30 SEP 2020 day of SEP 2020

For Adani Gas Limited

Suresh P Manglani,
Chief Executive Officer

SIGN HERE



Accepted By:

Rajesh Prabhu

Vice President
Adani Gas Ltd



Witness:

(1) Name of Witness : Hemant Kumar Rajora

Signature :

Date :

(2) Name of Witness : Manthan Rajesh Kumar Boral

Signature :

Date : 30 SEP 2020



1900/2020
BEFORE ME

R. A. PANCHAL
NOTARY
GOVT OF GUJARAT

30 SEP 2020