



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय (राजस्थान) /Regional Office (Rajasthan)

एफ-120, जनपथ, श्याम नगर, जयपुर-302019

F-120, Janpath, Shyam Nagar, Jaipur-302019

दूरभाष /Tel : 0141-2292049

: 0141-2292054

फैक्स /Fax : 0141-2292049

ईमेल /Eail : rojaipur@nhai.org

No: NHAI/18013/1/2021-ROJ/Permission-Laying Gas Pipeline/66/NH-48 km 118.71-132.96/3800 Date: 02.02.2021

INVITATION OF PUBLIC COMMENTS

Sub.: Permission for laying 200mm NB Carbon Steel Gas Pipeline along N-8 (48) from RIICO Neemrana to Behror for approximate 14.300 Km. (Ch. 118.710 to 132.960), LHS and from Ch. 132.960 to 133.550, RHS including a crossing with 350mm casing and 200mm carrier at Ch. 132.960 in the State of Rajasthan by M/s. Adani Gas Ltd. - reg.

Ref.: (i) M/s. Adani Gas dt. 14.08.2020, dt. 13.10.2020, dt. 21.12.2020 & 26.12.20.

(ii) PD, PIU-Jaipur letter no. NHAI/JPR/NOC/118.710-132.960/Adan-Gas/ 2020/2192 dated 20.01.2021.

Sir,

It is to inform all concern that M/s. Adani Gas Ltd., Ahmedabad (Guj.) vide letter under reference (i) has submitted a proposal to PD, PIU-Jaipur for the subjected work and PD, NHAI, PIU, Jaipur has forwarded the above proposal to this office vide letter under reference (ii) for approval of the Competent Authority, Highway Administrator.

2. The proposal is regarding permission for laying 200mm NB Carbon Steel Gas Pipeline along N-8 (48) from RIICO Neemrana to Behror for approximate 14.300 Km. (Ch. 118.710 to 132.960), LHS and from Ch. 132.960 to 133.550, RHS including a crossing with 350mm casing and 200mm carrier at Ch. 132.960 in the State of Rajasthan by M/s. Adani Gas Ltd..

3. As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

4. In view of the above, the comments/objections of affected public is hereby invited with reference to the Ministry's circular dated 22.11 .2016 due to laying of 200mm NB Carbon Steel Gas Pipeline along N-8 (48) from RIICO Neemrana to Behror for approximate 14.300 Km. (Ch. 118.710 to 132.960), LHS and from Ch. 132.960 to 133.550, RHS including a crossing with 350mm casing and 200mm carrier at Ch. 132.960 in the State of Rajasthan by M/s. Adani Gas Ltd. The objections/comments may be addressed to the below mentioned address upto 01.03.2021, beyond due date, no comments/objections will be accepted.

The Regional Officer, Regional Office - Jaipur

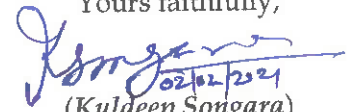
National Highways Authority of India,

F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,

Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org

This is issued with the approval of the Regional Officer, NHAI, RO, Jaipur (Rajasthan).

Yours faithfully,


(Kuldeep Songara)

DGM (Tech.)

Copy to: (i) Web Admn., NHAI, HQ, New Delhi - for uploading in NHAI's website [web-admin@nhai.org]

(ii) Director, NIC, New Delhi - for uploading in Ministry's website. [mansoor@nic.in]

(iii) PD, PIU-Jaipur: for information.

(iv) M/s. Adani Gas Ltd., Adani House, Nr. Mithakhali Circle, Navrangpura, Ahmedabad (Guj.)-380009: for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, जयपुर
Project Implementation Unit, Jaipur

डी-148, आर. एस.ई.बी. सब-स्टेशन के पीछे, वैशाली नगर, जयपुर-302021
D-148, Behind RSEB Sub-Station, Vaishali Nagar, Jaipur-302021

दूरभाष / Phone : 91-141 - 2351427

फैक्स / Fax : 91-141 - 4026465

ई-मेल / E-mail : jai@nhai.org

No. NHAI/JPR/NOC/118.710-132.960/Adani-Gas/2020/ 2192

Date: 18.01.2021

Highway Administration cum Regional Officer

Regional Office

National Highways Authority of India

Regional Office, F-120, Janpath,

Shyam Nagar, Jaipur-302019



Sub: Permission for Laying of 200mm NB carbon steel gas pipeline along NH-8 from RIICO Neemrana to Behror for approximately 14.340 km (Ch. 118.710 to Ch. 132.960 LHS and from Ch. 132.960 to 133.550 RHS) including a crossing with 350mm casing and 200mm carrier at ch. 132.960-reg.

- Ref:**
1. M/s Adani Gas letter no. AGL/PLROU/NHAI/1408/20-21 dated 14.08.2020
 2. This office letter no. 26.08.2020 addressed to IE.
 3. IE M/s Aarvee Associates letter no. 9674 dated 29.09.2020
 4. IE M/s Aarvee Associates letter no. 9692 dated 06.10.2020
 5. This office letter no. 1353 dated 13.10.2020
 6. M/s Adani Gas Ltd. letter no. AGL/PLROU/NHAI-JP/1011/20-21/01 dated 13.10.2020
 7. This office letter no. 628 dated 20.11.2020
 8. M/s Adani Gas Ltd. letter no. AGL/PLROU/NHAI-JP/2112/20-21/01 dated 21.12.2020
 9. Canara Bank letter no. CB/2793/0024NCLG0011562 /NHAI dated 22.12.2020
 10. This office letter no. 1981 dated 26.12.2020 addressed to applicant
 11. M/s Adani Gas Ltd. letter no. AGL/PLROU/NHAI-JP/1112/20-21/01 dated 26.12.2020
 12. This office letter no. 2023 dated 31.12.2020 addressed to applicant.
 13. IE M/s URS Scott Wilson India Pvt. Ltd. letter no. 61 dated 07.01.2021

Sir,

This has reference to M/s Adani Gas Ltd. above referred letter dated 14.08.2020 (Annex-1) regarding permission for Laying of 200mm NB carbon steel gas pipeline along NH-8 from RIICO Neemrana to Behror for approximately 14.840 kms. (Ch. 118.710 to Ch. 132.960 LHS and from Ch. 132.960 to 133.550 RHS) including a crossing with 350mm casing and 200mm carrier at ch. 132.960 under Gurgaon-Kotputli-Jaipur section of NH-8.

2. The said proposal has been examined in Consultation with Independent Engineer of Gurgaon-Kotputli-Jaipur section of NH-8 M/s Aarvee Associates. Independent Engineer of the Gurgaon-Kotputli-Jaipur project vide their above referred letter dated 29.09.2020 & 06.10.2020 (Annex-2) has informed to this office that:

" Upon examination of the submitted documents, it has been noted that the applicant has submitted the checklist, drawings & other documents in accordance with Ministry's Guidelines issued vide letter no. RW/NH-33044/29/2015/ S&R (I) dated 22.11.2016 & Ministry letter no. RW/JAI/RJ/PS/2017/UTILITY/GENL/1161-1189 dated 15.03.2017.

Upon examination of the physical availability of utility corridor at the desired stretch of project highway for the proposed laying of gas pipeline, it has been observed that some of the project facilities like Bus Bay, Entry/Exit ramp and Junction Improvements have not yet been completed where the said Natural gas pipeline has been proposed to be laid in the utility corridor of project highway.

After examining the case, our comments are as under:-

- It has been noted that the 200mm NB Carbon Steel pipeline has been proposed to be laid in same trench in the Utility Corridor along the project highway from km. 118+710 to km. 132+960 on LHS and Ch. 132+960 to 133+550 RHS including a crossing with 350mm carrier at Ch. 132+960.
- The depth of the 200mm NB Carbon Steel pipeline in HDD method has been proposed to be laid at minimum 1.5 m below the Natural ground level.
- The Service Road has already been constructed.
- Some stretches of the submitted proposal are falling under the Rural section from km. 118+710 to km. 131+050 in Rajasthan section and the PROW in the Rural section is 62.10 m and some other stretches of submitted proposal are falling in Urban section from km. 131+050 to km. 133+550 in Rajasthan section and the PROW in the Urban section is 53.60 m.

The various project facilities from Km. 118.710 to Ch. 132.960 LHS and Ch. 132.960 to Ch. 133.550 RHS are yet to be taken up by the Concessionaire and laying of the gas pipeline is not considered safe until the work is completed by the Concessionaire. The Location of Project facilities are given below:

- | | |
|--|-------|
| • From km. 120.628 to km. 120.732 LHS – Exit Ramp | 104 m |
| • From km. 123.688 to km. 123.792 LHS – Entry Ramp | 104 m |
| • From km. 125.048 to km. 125.152 LHS – Exit Ramp | 104 m |
| • From km. 130.148 to km. 130.252 LHS – Exit Ramp | 104 m |
| • From km. 118.705 to km. 118.895 LHS – Bus Bay | 190 m |
| • From km. 123.863 to km. 124.053 LHS – Bus Bay | 190 m |
| • From km. 121.000 to km. 121.400 LHS – Truck lay bye | 400 m |
| • From km.119+380 to km. 119+580 - Junction Improvement. | 200 m |
| • From km.123+090 to km. 123+290 - Junction Improvement. | 200 m |
| • From km.124+440 to km. 124+640 - Junction Improvement. | 200 m |

The applicant has undertake that at all the non-availability of RoW locations as mentioned above where either construction work is yet to be taken up or encroachments / hindrances is there. M/s. Adani Gas Ltd will lay the gas pipeline on temporary basis along the extreme edge of currently clear RoW & will shift it whenever the additional RoW issue gets clear so that they may operate the lines until such time the additional RoW for project facilities is made available at this locations. However, the Applicant has submitted an Undertaking for shifting the gas pipeline as per proposed RoW by NHAI, whenever, the RoW gets cleared in the above ten locations of Project facilities. After receiving the order from NHAI gas pipeline to be laid in the extreme edge of PROW at their own risk and cost laid and also M/s. Adani Gas Ltd has submitted the bank guarantee for a period of 10 years and will continue to submit the requisite bank guarantee for disputed patches unless RoW is made clear for shifting of gas pipeline & drawings for proposal for laying of gas pipeline on temporary basis in the currently available RoW at the said ten locations are also attached by the Applicant.

Keeping in view of the aforesaid points and present status of works in the site, it is informed that permission for the laying of gas pipeline of M/s. Adani Gas Ltd may be accorded on temporary basis in favour of the Applicant in view of the request and undertakings provided by them for shifting of their gas pipeline to the extreme edge of RoW at their own risk and cost laid from the date of receipt of order by NHAI after RoW clearance at this locations & bank guarantee submitted for a period of 10 years and will continue to submit the requisite band guarantee for disputed patches unless RoW is made clear for shifting of gas pipeline.

We have also worked out the revised license fee and performance bank guarantee in favour of NHAI which are required to be obtained from M/s Adani. The amount for license for laying of 15278.60 m along NH-8 section in three different dia. of gas pipelines including one crossing has been worked to Rs. 20,28,114/- based on the prevailing circle rates for the particular villages as made available by the applicant duly considering under the category of public utilities for this case as per the guidelines of MORTH under reference 8th cited. The amount for performance bank guarantee has also been worked out. It is calculated at the rate of Rs.100/- per route meter for gas pipeline of size <= 300 mm dia/width for total length of 152225 m of gas pipelines & One crossing at the rate of Rs. 100/- per route meter for gas pipeline of size <300 mm dia/width for total length of 53.60 m in NH-8 for Rs. 15,27,860/- on NH-8 initially for a period of 10 years (extendable if required till satisfactory completion of work) as a security to comply with the requirements of conditions as per MORT&H circulars in this regard. The amount to be deposited for payment of Performance bank guarantee is Rs. 15,27,860/- in this regard. The detailed calculation sheets for working the amount for License fee and performance bank guarantee is attached herewith.

The all gas pipeline laying must be done by HDD method only".

4. *The proposal was examined in this office and vide above referred letter dated 01.07.2020 (Annex-3) has issued demand note for deposition the same as per MoRTH Guidelines,*
5. *M/s Adani Gas Ltd vide above referred letter dated 21.12.2020 has submitted proof of deposition of License Fee of amounting of Rs. 20,28,114/- in Bharat Kosh vide Receipt No. 0411200007578 dated 04.11.2020 and Bank Guarantee No. 0024NDLG00115621 of Rs. 15,27,860/-- of ICICI Bank Ltd. valid upto 02.11.2023 for the Performance Security of the said proposal. Confirmation of the Bank Guarantee has been received by Canara Bank vide letter dated 22.12.2020. The license deed amount has been calculated duly considering DLC rate of agricultural land near national highway of respective village (copy of certified DLC rate and its calculation are also enclosed) and assumed it a public utility provider. M/s Adani Gas Ltd. has also submitted an additional undertaking for the said proposal vide their letter dated 21.12.2020 for any kind of additional license deed amount as when as it was demanded by NHAI/MoRTH within 07 days of receipt of notice.*
6. *Further, while scrutiny of the said proposal, some documents and clarification required from the applicant, which has been conveyed to applicant vide this office letter dated 26.12.2020. M/s Adani vide above referred letter dated 26.12.2020 has submitted the compliance of the observations raised by this office. Further, applicant has also submitted an undertaking for the disputed patches that *after receiving the notice from NHAI regarding shifting of gas pipeline, will be shifted or removed within the time frame decided by authority. Further, M/s Adani will also undertake to submit the Bank Guarantee initially for a period of three years which will be further extended/submitted by us as and when required by Authority(NHAI). However, at the disputed patches the gas pipeline will be laid at the extreme edge of the ROW.* The submission of the applicant has been forwarded to IE of the project to examination and*

comments. IE M/s URS Scott Wilson India Pvt. Ltd. vide above referred letter dated 07.01.2021 has submitted their comments which is enclosed as **Annex-4**.

7. Further, Concessionaire of the project vide above referred letter dated 08.12.2020 has submitted the following:

"Due to constraints as indicated above site condition we recommend laying of 200mm NB carbon gas pipeline at the above locations with following two options.

- (a) First option "A": Laying pipeline along the edge line of acquired ROW land at minimum depth of 1.5 mtr. With HDD method. The pipe line will have three of four during points.*
- (b) Second Option "B": Pipeline may run straight in the same alignment at a minimum depth of 3 to 3.5 meter depth through a bigger diameter steel pipe casing in order to alleviate any effect on pipeline during construction works on the above location in future. The pipe line laid with HDD method only.*

Notwithstanding above with the option being accepted by M/s Adani, they have to submit an undertaking for shifting of pipeline at his own risk & cost during completion of pending civil works on the above NH facilities on the NH-08 road.

With due weightage as suggested by us in preceding paragraphs NHAI may decide on the approval/denial of approval accordingly. The requisite permission if accorded may be subject to the following conditions:

- (a) The 200 mm NB Carbon Steel pipeline should be laid through utility corridor only (2 space meter at ROW edge)*
- (b) The pipeline should be laid with HDD method at a minimum depth of 1.5 meter to avoid damages to the road.*
- (c) The agency M/s Adani should ensure that no damages to main carriageway, service road and rain or any part of highway shall occur.*
- (d) The agency should ensure that no traffic be interrupted at any time on highway.*
- (e) The agency should be made responsible to follow complete MoRTH/NHAI policy circulars during execution no above proposal.*
- (f) Any damage observed to the highway and its assets, the NHAI /Concessionaire has the right to recover complete repair cost including penalties from M/s Adani.*
- (g) The agency shall be completely responsible for any accident/loss of lives/public property during execution of their proposal.*
- (h) The thrust pits and receiving pits made during HDD process has to be repaired after works properly to the satisfaction of NHAI/Concessionaire.*
- (i) Any installation of manholes, valves, route indicators & sign boards if required shall be installed away from service road shoulder edge for safety of road users.*
- (j) It is observed that no route plan and methodology of works provided to us.*
- (k) The pipeline should be laid at a depth of minimum 3 to 3.5 meter depth through a bigger diameter steel pipe in case there is constraints as explained in para 3 above.*
- (l) During crossing at km.132+960, necessary safety installation must be ensured. Depth of crossing shall be ensured as per provision of MoRTH guideline and relevant specifications.*
- (m) As built drawing shall be provided to NHAI/Concessionaire for future reference.*
- (n) The agency shall provide necessary performance Bank Guarantee to NHAI as per provision.*

- (o) M/s Adani shall submit undertaking for shifting of pipeline at their risk & Cost if required by NHAI during any proposal in future.
- (p) The agency shall be responsible for compliance of any requirement form District/State Authorities or Boards.
- (q) The work program may be intimated accordingly to IE/Concessionaire”.

8. The inspection of the site has been carried by NHAI and drawing and documents has been verified and are certified as correct as per the prevailing site conditions. Duly signed checklist & by undersigned is enclosed with said proposal. However, as the project is still under construction phase, permission may be granted subject to fulfilling of following conditions:

- (i) The pipeline shall be laid strictly in the utility corridor portion.
- (ii) **The gas pipelines should not be commissioned without prior permission of NHAI.**
- (iii) If there is any safety requirement, the applicant shall remove/shift the gas pipeline at their own cost during the construction phase of the six laning project.
- (iv) The applicant shall submit as built drawings clearly showing the laid pipeline and its distance from centre line of highway on completion of the work.
- (v) At the locations mentioned in para 2 above the pipeline shall be laid strictly in the utility corridor portion and permission on that patches may be granted on temporary basis.
- (vi) Applicant must execute the work as per the conditions conveyed by IE and Concessionaire of the project highway.
- (vii) Applicant while excuting the work may not affect the existing utilities.

9. In view of the above, permission for Laying of 200mm NB carbon steel gas pipeline along NH-8 from RIICO Neemrana to Behror for approximately 14.840 kms. (Ch. 118.710 to Ch. 132.960 LHS and from Ch. 132.960 to 133.550 RHS) including a crossing with 350mm casing and 200mm carrier at ch. 132.960 may be granted subject to fulfilment of conditions mentioned at para 8 above.

The proposal is forwarded for approval please.


Project Director
NHAI PIU Jaipur

Encl: As above



CERTIFICATE

Sub. : Permission for Laying of 200mm NB carbon steel gas pipeline along NH-8 from RIICO Neemrana to Behror for approximately 14.840 kms. (Ch. 118.710 to Ch. 132.960 LHS and from Ch. 132.960 to 133.550 RHS) including a crossing with 350mm casing and 200mm carrier at ch. 132.960-reg

1. We have examined the proposal of the applicant for laying of gas pipeline from km. 118.710 to km. 132.960 LHS on NH-08 and confirm that the all standard conditions issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R dated 22.11.2016 has been followed.
2. It is certified that any other location of Utility line would be extremely difficult and unreasonable costly and installation of utility line within ROW will not adversely affect the design stability & traffic safety of the highway not the likely future improvement such as widening of the carriageway, casing of curve etc.
3. We will ensure supervision of the work of laying of utility (gas pipeline) and ensure that the defects in road portion after laying of utility are corrected.
4. We will notify/forfeit the BG for claims for damages done/disruption in working, if any.
5. We will ensure that proposed permission in entered the register of records.
6. The record of previous approval, if any has been considered and copy of same is enclosed with the approval.


**Project Director
NHAI,PIU Jaipur**



CHECK-LIST

Guidelines for accommodation of Natural Gas 200mm NB CS pipeline in the land along and across National Highway No-8

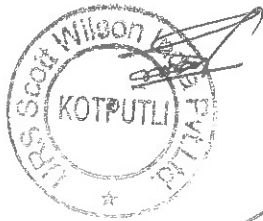
Relevant Circulars

1. Ministry Circular No. RW/NH-33044/29/201S/S&R(R) dated 22.11.2016

Check list for getting approval for laying of Natural Gas 200NB CS pipeline in the land Along National Highway No-8

General Information

1. Name and Address of the Applicant / Agency - M/s Adani Gas Limited, office at Second Floor, CMD Mall, Narnaul-Mahendragarh Road, Opposite District Collector Residence, Narnaul, Mahendragarh, Haryana - 123001
2. National Highway Number - NH- 8
3. State - Rajasthan
4. Location - Behror
5. Chainage in km -
Along NH-8
1. Left Side km Ch. (118.710 to Ch.132.960) 14.250 Km
2. Right Side km Ch. (132.960 to Ch.133.550) 0.590 Km
3. **Across NH-8**
1) Km Ch.132.960km
6. Length in meter -
Along NH-8
1. Left Side km Ch. (118.710 to Ch.132.960) 14.250 Km
2. Right Side km Ch. (132.960 to Ch.133.550) 0.590 Km
3. **Across NH-8**
1) Km Ch.132.960km



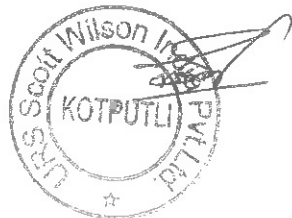
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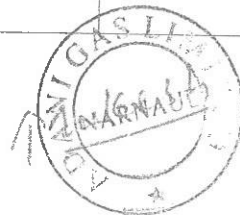
7. Width of available ROW in both sides - 26.8 - 31.05
Right side & Left Side from center line towards increasing chainage/km direction
8. Side of NH - **Along NH-8**
(Left or Right side of NH towards increasing Chainage / km direction)
1. Left Side km Ch. (118.710 to Ch.132.960) 14.250 Km
2. Right Side km Ch. (132.960 to Ch.133.550) 0.590 Km
3. **Across NH-8**
1) Km Ch.132.960km
9. Name of Highway Authority - NHAI
10. Highway Administration Address - Project Implementation Unit, Jaipur
D-148, Behind RSEB Sub-Station, Vaishali Nagar, Jaipur, 302021

Sr. No.	Item	Measurement, Observation as per site condition	MoRTH Norms	Whether Complying with MoRTH Norms
1	Details of already laid services, if any,	No	Enclosed	Complying
2	Whether up gradation of the stretch in the near future is proposed or not	No		N/A
	(a) If yes, provision of utility adversely affects the plan of upgradation	No	Not affect plan of upgradation	N/A
3	Laying of the utility service along the National Highways.	Yes		Complying

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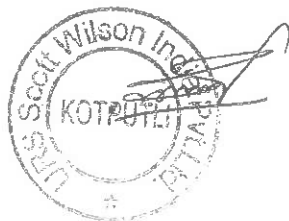


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3.1	Location of proposed utility service along the stretch	As close as possible to the extreme edge of ROW 1. from chainage 118.710-133.550	Utility Duct/ beyond the toe link of the embankment and drains, and close to the extreme edge of the ROW	Complying
3.2	Depth of top utility service from ground level	1.0 meter	0.6 meter	Complying
3.3	Mechanism for crossing water channel	Beneath the bed of water channel	Through Utility duct (if provision exists) or beneath the bed of water channel	Complying
3.4	Whether ROW is restricted in this stretch	No		N/A
3.4.1	If yes, whether provision of land acquisition is required to lay utility	N/A		N/A
	(a) If yes, whether undertaking for land acquisition along with relevant L.A. details has been furnished	N/A		N/A
3.4.2	Width of concrete duct, if utility service is proposed to be laid in concrete ducts	N/A	Not less than one lane	N/A
4	Laying of the utility service across the National Highways.	Yes		Complying
4.1	Whether existing drainage is allowed to carry the utility lines	No	Not to be allowed	N/A
4.2	Proposed crossing of utility service	Yes, NH crossing at CH. 132.960	Perpendicular to NH	N/A

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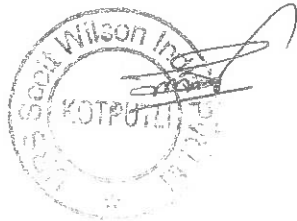


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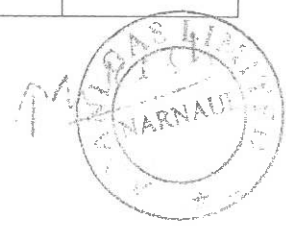


5.3	Strip plan/ Route Plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important milestone, intersections, cross drainage works etc.	Yes Enclosed	Enclosed	Complying
5.4	Plan & profile drawing of stretch showing cross-section of road at 20m distance along with ROW and proposed utility	Yes Enclosed	Enclosed	Complying
6	Methodology for laying of Gas pipeline	Yes Enclosed	Enclosed	Complying
7	Draft License Agreement as per ministry guidelines vide letter no. RW/NH-3044/29/2015/S&R (R) dated 22.11.2016 and signed by two witness	Yes Enclosed	Enclosed	Complying
8	License fee in favor of MORTH RPAO Jaipur	Already Submitted as per demand	as per ministry vide circular no. RW/NH-3044/29/2015/S&R (R) dated 22.11.2016	Complying
9	Whether Bank Guarantee has been obtained	Enclosed	as per ministry vide circular no. RW/NH-3044/29/2015/S&R (R) dated 22.11.2016	Complying
	(a) If yes, whether confirmation of BG has been obtained as per MoRTH/NHAI guidelines	Yes		
10	Affidavit/ Undertaking form the applicant for			

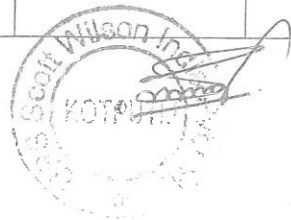
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4.3	Type of casing pipe/ conduit carrying the utility line	Steel	Steel, Cast Iron or reinforced cement concrete and have adequate strength.	Complying
4.4	Whether ends of the casing/ conduit pipe are sealed from the outside	Sealed	Sealed	Complying
4.5	Length of the casing/conduit pipe crossing NH	Approx. 60m	Extend form the drain to drain in cuts and toe to toe of slope in the fills.	Complying
4.6	Depth of the top of the casing/conduit	1.2 meter	At least 1.2 meter below the top of subgrade	Yes
4.7	Crossing method in case of CC pavement	HDD	Only boring method (HDD)	Complying
4.8	Horizontal & Vertical clearance in case utilities are allowed overhead	As per applicable codes.	In accordance with IRC Codes	Complying
5	Document /Drawings enclosed with the proposal	Yes Enclosed		Complying
5.1	Cross section showing the size of trench for open trenching method	Yes	Enclosed, if applicable	Complying
	(a.) Trench width	Yes	More than 30 cm and less than 60 cm wider than the outer diameter of the utility pipe	Complying
	(b.) Filling of Trench	Yes	as per ministry guidelines vide letter no. RW/NH- 3044/29/2015/S&R (R) dated 22.11.2016	Complying
	(c) location of trench	Yes	Extreme Edge of the ROW	Complying
5.2	Cross-section showing the size of pit and location of conduit for HDD method	Yes Enclosed	Enclosed, if applicable	Complying



10.1	Undertaking for not to Damage existing utility, if damaged then pay the losses either to MORTH/NHAI or to the concerned agency	Enclosed	Enclosed	Complying
10.2	Undertaking for Renewal of Bank Guarantee and when asked by NHAI and MORTH	Enclosed	Enclosed	Complying
10.3	Undertaking for confirming all standard conditions of MORTH/NHAI guidelines	Enclosed	Enclosed	Complying
10.4	Undertaking for shifting of utility as and when required by MORTH/NHAI within a month at their own cost	Enclosed	Enclosed	Complying
10.5	Undertaking to Indemnity against all damages and claims	Enclosed	Enclosed	Complying
10.6	Undertaking of management of Traffic movement during laying of utility line without hampering the traffic	Enclosed	Enclosed	Complying
10.7	Undertaking that if any claim is raised by the Concessionaire/Contractor, then the same has to be paid by the applicant	Enclosed	Enclosed	Complying



[Handwritten mark]

[Handwritten signature]

10.8	Undertaking that that the applicant has obtained various safety clearances from the representative 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 salutatory clearance applicable before applying to the Highway Administration	Enclosed	Enclosed	Complying
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The Right of Way (ROW) of the National Highway available at the proposed location from the center of line of divided carriage way is 22.5 – 30 meters (from the center of ROW to edge of the ROW towards proposed utility)

The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions.

A handwritten signature in black ink is written over a circular stamp. The stamp contains the text 'M. S. SCOTT WILSON' around the perimeter and 'KOTPUTLI' in the center.

Name designations & Signature of the Authorized representative of applicant

A handwritten signature in black ink, consisting of a stylized 'A' followed by a long horizontal line that curves upwards at the end.

Name designations & Signature of the concerned field authority of NHAI

A handwritten signature in black ink is written over a circular stamp. The stamp contains the text 'Mrs Scott Wilson' around the perimeter and 'KOTPUTLI' in the center.