



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

क्षेत्रीय कार्यालय (उत्तराखण्ड) - मकान नं-58/37, बलबीर रोड, देहरादून- 248001

Regional Office (Uttarakhand) - House No.-58/37, Balbir Road, Dehradun- 248 001

Phone : 0135-2669752 & 62 E-mail : routtarakhand@nhai.org Website : www.nhai.gov.in



50663/NHAI/RO-UKD/2014/19010

June 09, 2023

### Invitation of Public Comments

**Sub:-Proposal of M/s GAIL Gas limited for Seeking Permission/NOC for proposal of laying of 4"dia Steel Gas Pipeline in three locations with OFC/DUCT in Dehradun district in the state of Uttarakhand at following locations by Open Trench Method:**

**(i) From Chainage 171+150 (Bhaniyawala VUP) to Km.179+200 (Forest Fire Station Lal Tappad) (RHS) with three crossings at Chainage 171+150, Km.173+720 & Km.174+295 on NH-07 for total length of 8220 meters.**

**(ii) From Chainage 208+625 (Tirupati Bala Ji dham) to Km.209+150 (MJ Fuels) on NH-34 for total length of 525 meters.**

**(iii) From Chainage 160+675 to Km.160+750 & one crossing at Km.160+750 near Lok Pujiya filling station on NH-07 for total length of 120 meters.**

The proposal regarding seeking permission by M/s GAIL Gas Limited for laying of a Public Utility "City Gas Distribution (CGD)" Steel Gas Pipeline of 4"dia along the highway from Chainage 171+150 (Bhaniyawala VUP) to Km.179+200 (Forest Fire Station Lal Tappad) (RHS) with three crossings at Chainage 171+150, Km.173+720 & Km.174+295 on NH-07 for total length of 8220 meters, From Chainage 208+625 (Tirupati Bala Ji dham) to Km.209+150 (MJ Fuels) on NH-34 for total length of 525 meters and From Chainage 160+675 to Km.160+750 & one crossing at Km.160+750 near Lok Pujiya filling station on NH-07 for total length of 120 meters by HDD method in the State of Uttarakhand as submitted/recommended to this office by PD, PIU-Vasant Vihar vide their letter no. NHAI/PIU-VSNT VIIR/Retail Outlet/2021/4445 Dt. 18.04.2023 (Copy enclosed with checklist & drawings).

2. The proposed location for laying of 4" dia Steel gas pipeline are tabulated hereunder:

Sl. No.	Chainage in Km.			NH	Length (in m)	Methodology of laying Pipeline in this stretch	Remarks
	From	To	Side				
1.	171+150	179+200	RHS	07	8220	HDD method (Depth-1.5-4 m below Ground level & offset from ROW edge is 0.5 m)	Along the NH
2.	160+675	160+750	LHS	07	120		Along the NH
	208+625	209+150	LHS	34	525		Along the NH

3. As per MoRTH Guidelines no. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administrator will make available the subject proposal for 30 days in the public domain for seeking public comments/objections (on the ground of public inconvenience, safety and general public interest).

In view of above, comments/objections of the public on the above proposal is invited to the below mentioned address, which should reach by this office within 30days from the date of uploading beyond which no comments shall be entertained.

The Regional Officer,  
Regional Office-Uttarakhand  
National Highways Authority of India  
(Ministry of Road, Transport & Highways)  
House No.-58/37, Balbir Road, Dehradun-248001

Yours faithfully,

(Vishal Gupta)  
RO-Uttarakhand

Encl: As above.

Copy to:

- 1) Web Admin-NHAI HQ, New Delhi:- with request for uploading on the NHAI website.
- 2) Senior Technical Director, NIC, Transport Bhawan, New Delhi:- with request for uploading on the Ministry's Website.
- 3) PD, PIU-Vasant Vihar- for information & suitable necessary action.



**MSV International Inc.**

*In Association with*

**MSPARK Futuristics & Associates**



Consultancy Services for Supervision Consultant (SC) for DLP/O&M Stage of 2 projects from Km 158+900 (Mohakampur) to Km 188+324 (Nepali Farm) of NH-72 & from Km 209+100 (Haridwar) to Km 216+824 (Nepali Farm) of NH-58 on (Item Rate basis projects) & for construction supervision & O&M of 1 Project (EPC mode project) Dudhadhari Elevated Flyover Muzaffarnagar-Haridwar section from Km 206+220 to Km 208+870 of NH-58 in the State of Uttarakhand.

**Ref No: MSV-MSPARK/NHAI/Har-Deh/2022-23/35**

**Date: 05.04.2023**

**To,**  
**Project Director,**  
**National Highways Authority of India,**  
**PIU-Vasant Vihar (Dehradun)**  
**House No.171, Phase-I,**  
**Dehradun-248006 (Uttarakhand).**

**Subject:** Consultancy Services for Supervision Consultant (SC) for DLP/O&M Stage of 2 projects (Item Rate basis projects) & for construction supervision & O&M of 1 Project (EPC mode project) in the State of Uttarakhand: (i) **Four Lane** of Haridwar- Dehradun section from Km 158+900 (Mohakampur) to Km 181+100 (Laltappar) of NH-72 on Item Rate Basis (Pkg-II) (length: 22.20 km)-DLP/ O&M stage. (ii) **Four Lane** of Haridwar- Dehradun section from Km 181+100 (Laltappar) to Km 188+324 (Nepali Farm) of NH-72 & from Km 209+100 (Haridwar) to Km 216+824 (Nepali Farm) of NH-58 on Item Rate Basis (Pkg-I) (length: 14.95 km)-DLP/ O&M Stage.

**Reg.:** NOC proposal for granting permission to M/s Gail Gas Ltd. for Laying of 4" dia steel gas pipeline in three locations with OFC/DUCT in Dehradun district in the state of Uttarakhand. The details of said locations are as under-

- i. From Chainage Km.171 +150 (Bhaniyawala VUP) to Km.179.200 (Forest Fire Station Lal Tappad) (RHS) with three crossings at Chainage Km.171 +150, Km.173+720 & Km.174+295 on NH-07 for total length of 8220 meters.
- ii. From Chainage Km.208.625 (Tirupati Bala Ji Dham) to Km.209.150 (MJ Fuels) on NH-34 for total length of 525 meters.
- iii. From Chainage Km.160+675 to Km.160+750 & one crossing at Km.160+750 near Lok Pujiya filling station on NH-07 for total length of 120 meters.

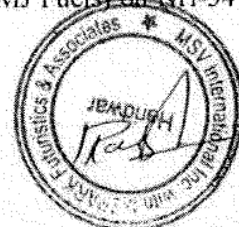
**Ref:**

- (i) NHAI PIU Letter No. NHAI/PIU-VSNT VHR/Retail Outlet/2021/4198 dated.03.03.2023.
- (ii) GAIL (Gas) Ltd. Dehradun NOC portal proposal no. 20221116/1/12/17231/1673 dated 26.12.2022.
- (iii) GAIL (Gas) Ltd. Dehradun NOC portal proposal no. 20221012/1/6/17231/1549 dated 28.12.2022.
- (iv) GAIL (Gas) Ltd. Dehradun NOC portal proposal no. 20221011 /1 /6/17231 /1546 dated 21.12.2022.

**Sir,**

In reference to your letter no. 4198 dated 03.03.2023 received by us, regarding NOC proposal for granting permission to M/s Gail Gas Ltd. for Laying of 4" dia steel gas pipeline in three locations with OFC/DUCT in Dehradun district in the state of Uttarakhand. Submission under reference (ii), (iii) & (iv), the details of said proposal are as under-

1. From Chainage Km.171 +150 (Bhaniyawala VUP) to Km.179.200 (Forest Fire Station Lal Tappad) (RHS) with three crossings at Chainage Km.171 +150, Km.173+720 & Km.174+295 on NH-07 for total length of 8220 meters.
2. From Chainage Km.208.625 (Tirupati Bala Ji Dham) to Km.209.150 (MJ Fuels) on NH-34 for total length of 525 meters.





**MSV International Inc.**

*In Association with*

**MSPARK Futuristics & Associates**



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Consultancy Services for Supervision Consultant (SC) for DLP/O&M Stage of 2 projects from Km 158+900 (Mohakampur) to Km 188+324 (Nepali Farm) of NH-72 & from Km 209+100 (Haridwar) to Km 218+824 (Nepali Farm) of NH-58 on (Item Rate basis projects) & for construction supervision & O&M of 1 Project (EPC mode project) Dudhadhari Elevated Flyover Muzaffarnagar-Haridwar section from Km 206+220 to Km 208+870 of NH-58 in the State of Uttarakhand.

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3. From Chainage Km.160+675 to Km.160+750 & one crossing at Km.160+750 near Lok Pujiya filling station on NH-07 for total length of 120 meters.

In this regard, we have visited the site (Site Inspection Report is attached) on 18.03.2023 and examined the proposal as per guidelines Ministry circular no. RW/NH-33044/29/2015-S&R(R) dated 22.11.2016.

Our point- wise reply with Site inspection report is hereby attached for your ready reference and further necessary action.

In view of above NOC may be recommended for laying of steel gas pipeline mentioned in the captioned subject.

Submitted for your kind information and further necessary action.

Thanking You,



**Pavendra Pal Singh**  
(Team Leader)

For, MSV International Inc.

in association with MSPARK Futuristics & Associates.

## INSPECTION REPORT

**Sub: NOC proposal for granting permission to M/s Gail Gas Ltd. for Laying of 4" dia steel gas pipeline in three locations with OFC/DUCT in Dehradun district in the state of Uttarakhand. The details of said locations are as under-**

- i. From Chainage Km.171 +150 (Bhaniyawala VUP) to Km.179.200 (Forest Fire Station Lal Tappad) (RHS) with three crossings at Chainage Km.171 +150, Km.173+720 & Km.174+295 on NH-07 for total length of 8220 meters.**
- ii. From Chainage Km.208.625 (Tirupati Bala Ji Dham) to Km.209.150 (MJ Fuels) on NH-34 for total length of 525 meters.**
- iii. From Chainage Km.160+675 to Km.160+750 & one crossing at Km.160+750 near Lok Pujiya filling station on NH-07 for total length of 120 meters.**

M/s Gail Gas Ltd has submitted a proposal for granting permission to M/s Gail Gas Ltd. for laying of steel gas pipeline mentioned in the captioned subject in accordance with the guidelines Ministry circular no. RW/NH-33044/29/2015-S&R(R) dated 22.11.2016. In this regard, proposed site was inspected on 18.03.2023.

Based on above following details are submitted:

### 1.

**(i) From Chainage Km.171 +150 (Bhaniyawala VUP) to Km.179.200 (Forest Fire Station Lal Tappad) (RHS) with three crossings at Chainage Km.171 +150, Km.173+720 & Km.174+295 on NH-07 for total length of 8220 meters:**

- (a) Proposed Site is between Ch. Km.171 +150 (Bhaniyawala VUP) to Km.179.200 (Forest Fire Station Lal Tappad) (RHS) with three crossing on NH-07, length of Pipe Line is 820 Meters Highway is 4 lane divided carriageway at this location.
- (b) Submitted Layout Plan, Key Plan by applicant is as per Ministry's guidelines.
- (c) The documents submitted with the proposal are as per checklist duly signed.
- (d) The proposed site fulfils the norms laid down by Ministry's vide letter no. RW/NH-33044/29/2015- S&R(R) dated 22.11.2016 a subsequent amendment.
- (e) There is no highway drain at the proposed location on Highway (NH-07).
- (f) Submission is examined at site, found in order. Proposal is recommended for consideration and necessary approval. It is also requested that applicant shall follow the point mentioned at Sr. No.2 of this report :

**(ii) From Chainage Km. 208.625 (Tirupati Bala Ji Dham) to Km.209.150 (MJ Fuels) on NH-34 for total length of 525 meters:**

- (a) Proposed Site is between Ch. Km. 208.625 (Tirupati Bala Ji Dham) to Km.209.150 (MJ Fuels) on NH-34 for total length of 525 meters Highway is 4 lane divided carriageway at this location.
- (b) Submitted Layout Plan, Key Plan by applicant is as per Ministry's guidelines.
- (c) The documents submitted with the proposal are as per checklist duly signed.
- (d) The proposed site fulfils the norms laid down by Ministry's vide letter no. RW/NH-33044/29/2015- S&R(R) dated 22.11.2016 a subsequent amendment.






- (e) There is highway drain at the proposed location from Chainage Km. 208.625 to to Km.209.150.
- (f) Submission is examined at site, found in order. Proposal is recommended for consideration and necessary approval. It is also requested that applicant shall follow the point mentioned at Sr. No.2 of this report:
- (iii) From Chainage Km.160+675 to Km.160+750 & one crossing at Km.160+750 near Lok Pujiya filling station on NH-07 for total length of 120 meters:**
- (a) Proposed Site is between Km.160+675 to Km.160+750 & one crossing at Km.160+750 near Lok Pujiya filling station on NH-07 for total length of 120 meters Highway is 4 lane divided carriageway at this location.
- (b) Submitted Layout Plan, Key Plan by applicant is as per Ministry's guidelines.
- (c) The documents submitted with the proposal are as per checklist duly signed.
- (d) The proposed site fulfils the norms laid down by Ministry's vide letter no. RW/NH-33044/29/2015- S&R(R) dated 22.11.2016 a subsequent amendment.
- (e) There is no highway drain at the proposed location on Highway (NH-07).
- (f) Submission is examined at site, found in order. Proposal is recommended for consideration and necessary approval. It is also requested that applicant shall follow the point mentioned at Sr. No.2 of this report:

2.

- (i) M/s Gail may be advised to carry out the work only as per MORTH Guidelines and prior intimation to us before start of work.
- (ii) The laying of pipe line shall be located at appropriate location preferably as close to extreme edge of ROW.
- (iii) Applicant M/s Gail shall lay underground crossing by HDD Method only.
- (iv) All necessary arrangement of safety of Highway users and workmen and also to ensure that no impedence is caused to Highway traffic by providing a barricading and other necessary caution board while executing the work.
- (v) While during excavation of pipeline proper filling and compaction, so as to restore the land in same condition as it was before digging and shall clear the debris/ loose produced due to excavation to the satisfaction of NHAI.

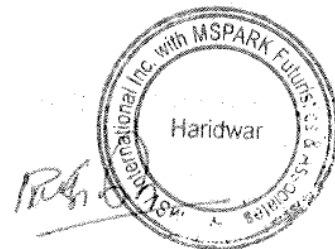
If permission is granted to the applicant, then damaged to the NHAI property, if any shall be recovered from the applicant.

Submitted for your kind information and further action please.

  
(Pavender Pal Singh)  
Team Leader  
M/s MSV International INC.  
in Association with  
MSPARK Futuristics & Associates

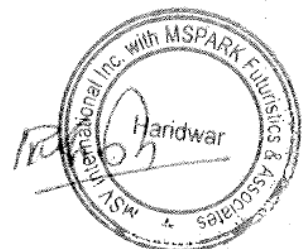
**Application Details [20221116/1/12/17231/1673]**

<b>Highway</b>	NH72 [NH72]
<b>Name of Highway Authority</b>	
<b>Highway Administration Address</b>	
<b>Whether the Fuel Station is part of Rest-area complex</b>	No
<b>Name of Applicant/Oil Company</b>	GAIL Gas Limited Address: GAIL GAS LTD, SUITE NO. 2022, DOON EXPRESS BUSINESS PARK, SUBHASH NAGAR, DEHRADUN, DEHRADUN (UTTARAKHAND), PIN: 248002 Phn: 9720333039 Email: kanchansinghbangari@gail.co.in
<b>Application Category</b>	Public Utility
<b>Utility</b>	Natural Gas
<b>State</b>	UTTARAKHAND
<b>Type</b>	New
<b>Remarks</b>	From Bhaniyawala To Lal Tappar Laying of 6 dia Steel Gas Pipeline Along the Road & Three Crossing
<b>Submitted On</b>	26 Dec 2022 17:20:46

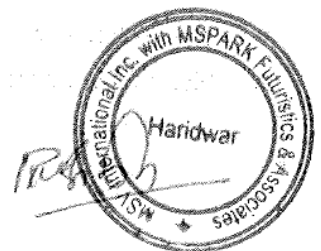


**Details**

<b>1. Length in Meters *</b>	8212
<b>2. Width of available ROW</b>	
<b>I. Left side from center line towards increasing chainage OR km direction *</b>	22.5 to 37.5
<b>II. Right side from center line towards increasing chainage OR km direction *</b>	22.5 to 37.5
<b>3. Proposal to lay the utility</b>	
<b>I. Left side from center line towards increasing chainage OR km direction *</b>	NA
<b>II. Right side from center line towards increasing chainage OR km direction *</b>	From chainage KM (171.150 to 179.200) (RHS)
<b>4. Proposal to acquire the land</b>	
<b>I. Left side from center line *</b>	NA
<b>II. Right side from center line *</b>	NA
<b>5. Whether proposal is in the same side where land is not to be acquired *</b>	Yes
<b>If not then where to lay the cable *</b>	NA
<b>6. Details of already laid services if any along the proposed route *</b>	YES
<b>7. Number of Existing lanes *</b>	4 Lane
<b>8. Proposed number of lanes *</b>	2 Lane
<b>9. Service road Exists *</b>	Yes



<b>10. Proposed Service road</b>	
<b>Left side from center line</b>	NA
<b>Right side from center line</b>	NA
<b>11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *</b>	No cable is laying, Gas pipeline will be laid after the service road.
<b>12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *</b>	NA
<b>13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *</b>	Yes, Pipeline will be laid by HDD method
<b>I. Whether the existing drainage structures are allowed to carry utility pipeline. *</b>	No
<b>II. Is it on a line normal to NH? *</b>	Yes
<b>III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *</b>	15.00





**IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. \***

NA

**V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path \***

Noted

**VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. \***

Noted

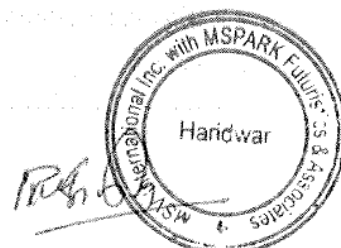
**VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 \***

Noted

**VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. \***

HDD (Horizontal Directional Drilling) method

**14. Whether the proposal satisfies the following:**



I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. \*

NA (No duct cable is laying)

II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. \*

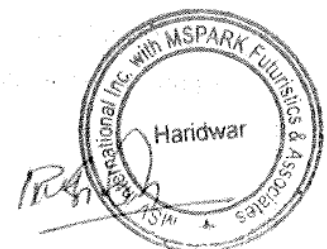
NA

III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. \*

NA

IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. \*

YES



**V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.**

NA

**15. Document/Drawings enclosed with the proposal \***

Yes

**I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) \***

NA

**II. Cross section showing the size of pit and location of cable for HDD method \***

YES

**III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. \***

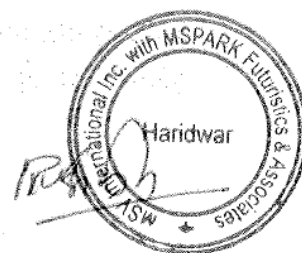
YES

**IV. Methodology of laying of the Utility Pipeline/OFC \***

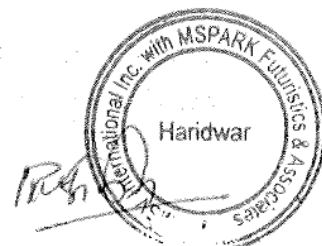
YES

**V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench \***

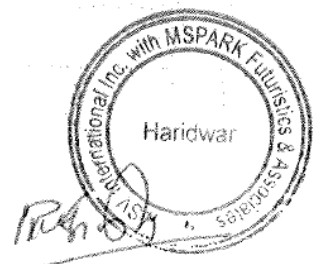
NA



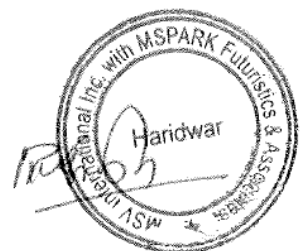
<p>(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *</p>		<p>NA</p>
<p>(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *</p>		<p>NA</p>
<p>(c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust *</p>		<p>NA</p>
<p>(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *</p>		<p>NA</p>



(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *	NA
(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *	NA
(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *	NA
VI. Horizontal Directional Drilling (HDD) Method *	YES
VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *	NA
16. Draft license Agreement signed by two witnesses. *	YES
I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *	YES
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *	Yes
I. Confirmation of BG has been obtained as per MoRTH guidelines *	Yes
18. Affidavit/Undertaking from the Applicant for following is to be furnished	

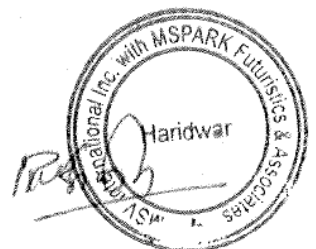


a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *	Yes
b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *	Yes
c) Undertaking Confirming all standard condition of Ministry's guidelines. *	Yes
d) Undertaking for indemnity against all damages and claims *	Yes
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *	Yes
f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *	Yes
g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *	Yes





h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *	Yes
i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *	Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *	Yes
k) Certificate from the applicant in the following format	
l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development	
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *	GM, MINAKSH TRIPATHI
20. The Power of Attorney is in favour of authorized signatory? *	Yes



### Locations

Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	UTTARAKHAND	DEHRADUN	NH72 [NH72] (104.0-196.8) From Km: 171.15 To Km: 179.2	Chainage Point: 171.15 Lat: 224744.78 Lng: 3342489.13	Chainage Point: 179.2 Lat: 227069.42 Lng: 3334915.03	View

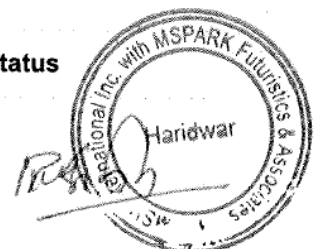
### Documents

Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	View
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	View
4	Under Submission	Safety Clearance from Directorate of Electricity	No	View
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	View
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	View
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	View
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	--
9	Under Submission	Any Other Statutory Clearance as applicable	No	View

### Applicable Fee Details

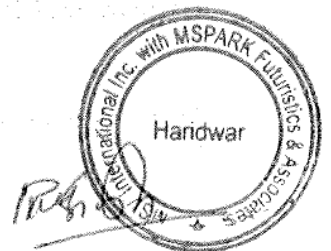
Sno	Fee Head	Stage	Fee	Amount
1	Utility Fees	Technical Approval	License Fees	2873801.70

Status



**Application Details [20221012/1/6/17231/1549]**

<b>Highway</b>	NH34 NEW [NH34 NEW]
<b>Name of Highway Authority</b>	
<b>Highway Administration Address</b>	
<b>Whether the Fuel Station is part of Rest-area complex</b>	No
<b>Name of Applicant/Oil Company</b>	GAIL Gas Limited Address: GAIL GAS LTD, SUITE NO. 2022, DOON EXPRESS BUSINESS PARK, SUBHASH NAGAR, DEHRADUN, DEHRADUN (UTTARAKHAND), PIN: 248002 Phn: 9720333039 Email: kanchansinghbangari@gail.co.in
<b>Application Category</b>	Public Utility
<b>Utility</b>	Gas
<b>State</b>	UTTARAKHAND
<b>Type</b>	New
<b>Remarks</b>	M J Fuel Laying Of Gas Pipeline Along The Road
<b>Submitted On</b>	28 Dec 2022 16:39:24

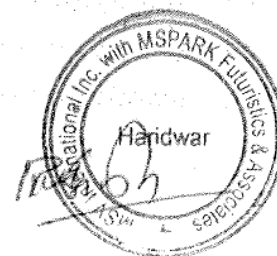


# Details

1. Length in Meters *	525
2. Width of available ROW	
I. Left side from center line towards increasing chainage OR km direction *	22.5
II. Right side from center line towards increasing chainage OR km direction *	22.5
3. Proposal to lay the utility	
I. Left side from center line towards increasing chainage OR km direction *	208.625 TO 209.150
II. Right side from center line towards increasing chainage OR km direction *	NA
4. Proposal to acquire the land	
I. Left side from center line *	NA
II. Right side from center line *	NA
5. Whether proposal is in the same side where land is not to be acquired *	Yes
If not then where to lay the cable *	NA
6. Details of already laid services if any along the proposed route *	YES
7. Number of Existing lanes *	4 Lane
8. Proposed number of lanes *	2 Lane
9. Service road Exists *	Yes



<b>10. Proposed Service road</b>	
<b>Left side from center line</b>	NA
<b>Right side from center line</b>	NA
<b>11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *</b>	No cable is laying, only gas pipeline will be laid after the service road.
<b>12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *</b>	NA
<b>13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *</b>	NA
<b>I. Whether the existing drainage structures are allowed to carry utility pipeline. *</b>	NA
<b>II. Is it on a line normal to NH? *</b>	Yes
<b>III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *</b>	15.00



**IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. \***

NA

**V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path \***

NA

**VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. \***

NA

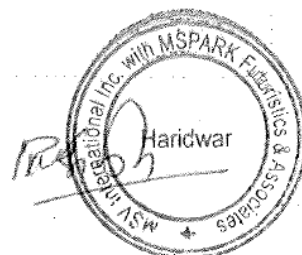
**VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 \***

NA

**VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. \***

NA

**14. Whether the proposal satisfies the following:**





I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. \*

NA

II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. \*

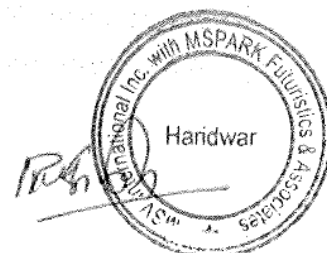
NA

III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. \*

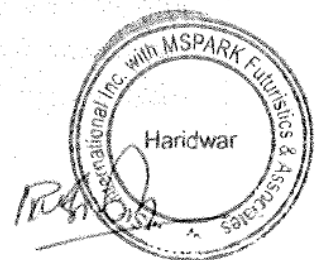
NA

IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain, \*

YES



<p><b>V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.</b></p> <p>*</p>		<p>NA</p>
<p><b>15. Document/Drawings enclosed with the proposal *</b></p>		<p>Yes</p>
<p><b>I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *</b></p>		<p>NA</p>
<p><b>II. Cross section showing the size of pit and location of cable for HDD method *</b></p>		<p>YES</p>
<p><b>III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *</b></p>		<p>YES</p>
<p><b>IV. Methodology of laying of the Utility Pipeline/OFC *</b></p>		<p>HDD (Horizontal Directional Drilling) method</p>
<p><b>V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *</b></p>		<p>NA</p>



(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe \*

NA

(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material \*

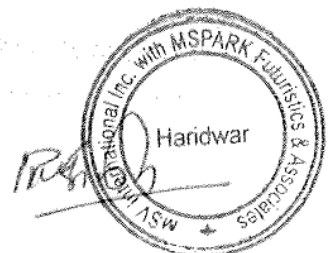
NA

(c) The backfilll shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust \*

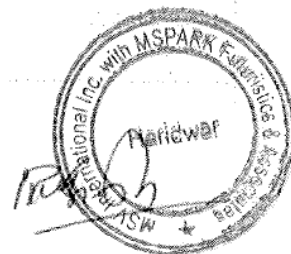
NA

(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. \*

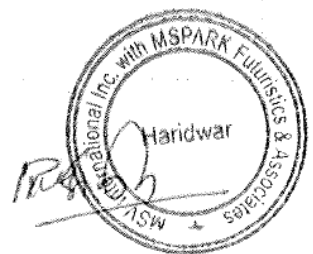
NA



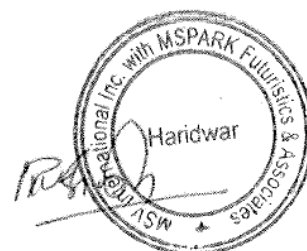
(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *	NA
(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *	NA
(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *	NA
VI. Horizontal Directional Drilling (HDD) Method *	YES
VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *	NA
16. Draft license Agreement signed by two witnesses. *	YES
I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *	YES
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *	Yes
I. Confirmation of BG has been obtained as per MoRTH guidelines *	Yes
18. Affidavit/Undertaking from the Applicant for following is to be furnished	



a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *	Yes
b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *	Yes
c) Undertaking Confirming all standard condition of Ministry's guidelines. *	Yes
d) Undertaking for indemnity against all damages and claims *	Yes
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *	Yes
f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *	Yes
g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *	Yes



h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *	Yes
i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *	Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *	Yes
k) Certificate from the applicant in the following format l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development	
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *	GM, MINAKSH TRIPATHI
20. The Power of Attorney is in favour of authorized signatory? *	Yes



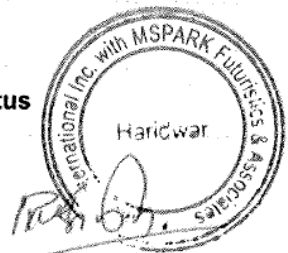


Locations						
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	UTTARAKHAND	DEHRADUN	NH34 NEW [NH34 NEW] (140.00-418.00) From Km: 208.625 To Km: 209.15	Chainage Point: 208.625 Lat: 228884.31 Lng: 3321609.73	Chainage Point: 209.15 Lat: 228918.31 Lng: 3322137.65	View

Documents				
Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	View
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	View
4	Under Submission	Safety Clearance from Directorate of Electricity	No	View
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	View
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	View
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	--
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	--
9	Under Submission	Any Other Statutory Clearance as applicable	No	View

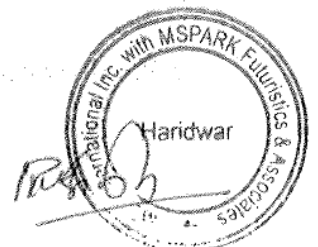
Applicable Fee Details				
Sno	Fee Head	Stage	Fee	Amount
1	Utility Fees	Technical Approval	License Fees	220027.50

Status



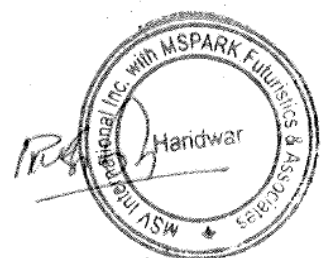
**Application Details [20221011/1/6/17231/1546]**

<b>Highway</b>	NH72 [NH72]
<b>Name of Highway Authority</b>	
<b>Highway Administration Address</b>	
<b>Whether the Fuel Station is part of Rest-area complex</b>	No
<b>Name of Applicant/Oil Company</b>	GAIL Gas Limited Address: GAIL GAS LTD, SUITE NO. 2022, DOON EXPRESS BUSINESS PARK, SUBHASH NAGAR, DEHRADUN, DEHRADUN (UTTARAKHAND), PIN: 248002 Phn: 9720333039 Email: kanchansinghbangari@gail.co.in
<b>Application Category</b>	Public Utility
<b>Utility</b>	Gas
<b>State</b>	UTTARAKHAND
<b>Type</b>	New
<b>Remarks</b>	LOK PUJIYA LAYING GAS PIPELINE ALONG THE ROAD AND CROSSING
<b>Submitted On</b>	21 Dec 2022 17:30:03

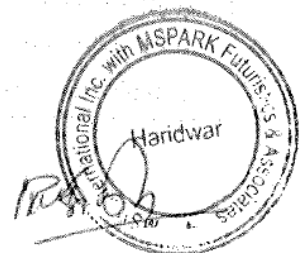


## Details

1. Length in Meters *	120
2. Width of available ROW	
I. Left side from center line towards increasing chainage OR km direction *	22.5
II. Right side from center line towards increasing chainage OR km direction *	22.5
3. Proposal to lay the utility	
I. Left side from center line towards increasing chainage OR km direction *	160.675 to 160.750
II. Right side from center line towards increasing chainage OR km direction *	NA
4. Proposal to acquire the land	
I. Left side from center line *	NA
II. Right side from center line *	NA
5. Whether proposal is in the same side where land is not to be acquired *	Yes
If not then where to lay the cable *	NA
6. Details of already laid services if any along the proposed route *	YES
7. Number of Existing lanes *	4 Lane
8. Proposed number of lanes *	2 Lane
9. Service road Exists *	Yes



10. Proposed Service road	NA
Left side from center line	NA
Right side from center line	NA (No cable is laying), Gas Pipeline will be laid after the service road
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *	NA
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *	YES, by using HDD methodology
13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *	NA
I. Whether the existing drainage structures are allowed to carry utility pipeline. *	Yes
II. Is it on a line normal to NH? *	15.00
III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *	



IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. \*

NA

V. Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path \*

NA

VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. \*

NA

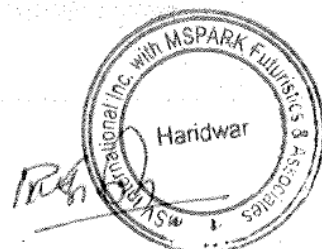
VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 \*

NA

VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. \*

NA

14. Whether the proposal satisfies the following:



I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. \*

NA

II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. \*

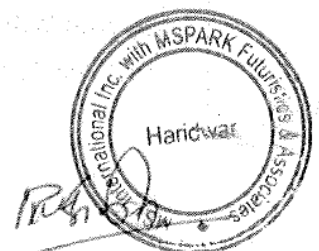
NA

III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. \*

NA

IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. \*

YES





**V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.**

NA

**15. Document/Drawings enclosed with the proposal \***

Yes

**I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) \***

NA

**II. Cross section showing the size of pit and location of cable for HDD method \***

YES

**III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, Intersections, cross drainage works etc. \***

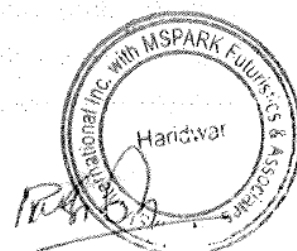
YES

**IV. Methodology of laying of the Utility Pipeline/OFC \***

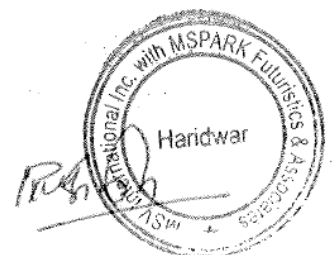
Open Cut or HDD method whichever required as per location wise

**V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench \***

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 *	NA
(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *	NA
(c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust *	NA
(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *	NA



(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. \*

NA

(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. \*

NA

(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. \*

NA

VI. Horizontal Directional Drilling (HDD) Method \*

YES

VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). \*

NA

16. Draft license Agreement signed by two witnesses. \*

YES

I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. \*

YES

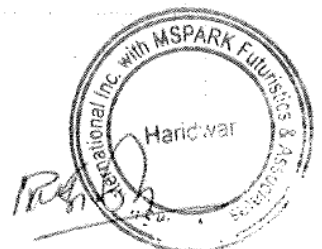
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. \*

Yes

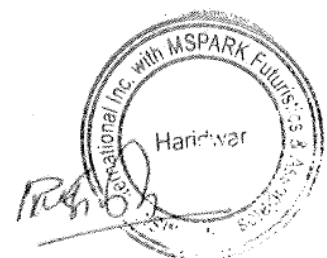
I. Confirmation of BG has been obtained as per MoRTH guidelines \*

Yes

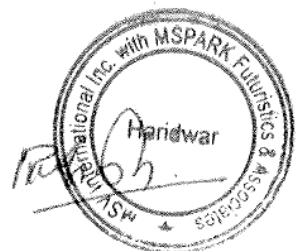
18. Affidavit/Undertaking from the Applicant for following is to be furnished



a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *	Yes
b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *	Yes
c) Undertaking Confirming all standard condition of Ministry's guidelines. *	Yes
d) Undertaking for indemnity against all damages and claims *	Yes
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *	Yes
f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *	Yes
g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *	Yes



<p><b>h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *</b></p>	<p>Yes</p>
<p><b>i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&amp;R dated 22.11.2016 *</b></p>	<p>Yes</p>
<p><b>j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *</b></p>	<p>Yes</p>
<p><b>k) Certificate from the applicant in the following format</b></p>	
<p><b>l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development</b></p>	
<p><b>19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *</b></p>	<p>GM, MINAKSH TRIPATHI</p>
<p><b>20. The Power of Attorney is in favour of authorized signatory? *</b></p>	<p>Yes</p>



### Locations

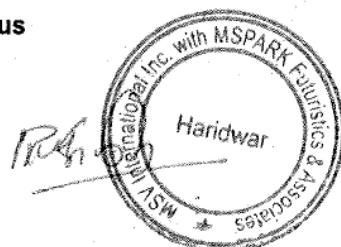
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	UTTARAKHAND	DEHRADUN	NH72 [NH72] (104.0-196.8) From Km: 160.675 To Km: 160.75	Chainage Point: 160.675 Lat: 219836.29 Lng: 3351288.83	Chainage Point: 160.75 Lat: 219902.43 Lng: 3351198.79	<a href="#">View</a>

### Documents

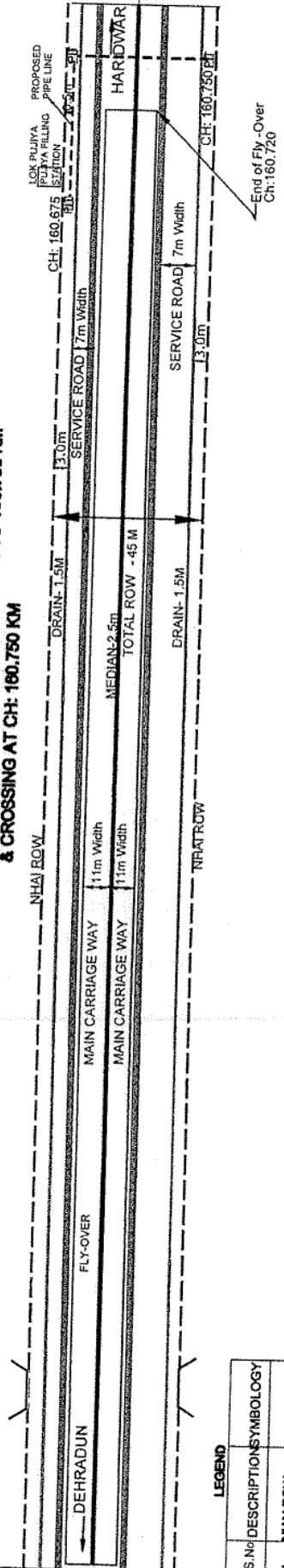
Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	<a href="#">View</a>
2	Under Submission	Any Other Supporting Document	No	<a href="#">View</a>
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	<a href="#">View</a>
4	Under Submission	Safety Clearance from Directorate of Electricity	No	<a href="#">View</a>
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	<a href="#">View</a>
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	<a href="#">View</a>
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	<a href="#">View</a>
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	<a href="#">View</a>
9	Under Submission	Any Other Statutory Clearance as applicable	No	<a href="#">View</a>

### Applicable Fee Details

Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	36204.30	




**PLAN AND PROFILE OF LAYING & CROSSING OF GAS PIPELINE CONNECTING  
TO LOK PUJIYA FILLING STATION FROM CH:160.675 KM TO 160.750 KM  
& CROSSING AT CH: 160.750 KM**



**LEGEND**

S.No	DESCRIPTION	SYMBOL
1	NHAI ROW	---
2	ROAD	---
3	DRAIN	---
4	FLY-OVER	---
5	BRIDGE	---
6	PROPOSED PIPELINE	---

CLIENT	<b>DAL GAS LIMITED</b>
TITLE	CITY GAS DISTRIBUTION IN DEHRADUN G.A.
SECTION	CROSSING AND CORRECTING TO LOK PUJIYA FILLING STATION

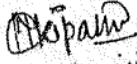
  
**Preet Singh / Minaksh Tripathi**  
 (Civil Engineer) / General Manager (C&D)  
 City Gas Limited / GAIL Gas Ltd.  
 Dehradun / Dehradun

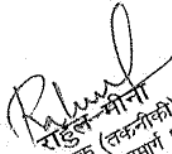
Name of Work: Proposed for according for laying of 4" dia steel pipeline from 208.625Km Tirupati Bala ji Dham to 209.150 Km M. J Fuel (LHS) in Dehradun District in the state of Uttarakhand


Name of the company applied for permission

GAIL Gas Limited ( The work will be executed under G.M. CGD Project Dehradun)

Sl.No.	Location	Start Chainage	End Chainage	Length (Mtr)	Width (Mtr)	Area (Sq Mtr)	Dehradun Distt. Circle rates per Sq. Mtr ( Effective from 13-01-2020)	Amount (INR)
1	Dehradun-Haridwar - Rishikesk Road , Motichur Railway crossing To Saptrishi Ashram	208.625	209.150	525	0.1016	53.34	25000	1,333,500/-
				525			Total (A)	1,333,500.00
							License fee for (Rs/sqm/per month) = Total(A)/(10*12)	11,112.00
							License fee for 05 Years = (License fee (Rs.sqm/per month) *5*12	66,6720.00
							For Public Utility 33% of Industrial utilities as per circle No. RW/NH-33044/29/2015/S&R Dated 22/11/2016	2,20,017.00

  
 मिनाक्ष त्रिपाठी / Minakshi Tripathi  
 महाप्रबंधक (सी.जी.डी.) / General Manager (CGD)  
 गैल गैस लिमिटेड / GAIL Gas Ltd.  
 देहरादून / Dehradun

  
 राजुल मिश्रा  
 प्रबन्धक (तकनीकी)  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 भारतीय राजमार्ग मंत्रालय, भारत सरकार  
 (सड़क परिवहन राजमार्ग विभाग, देहरादून)  
 पं०क०ई०-वसन्त विहार, देहरादून

  
 परियोजना निदेशक / Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
 पं०क०ई०-वसन्त विहार, देहरादून





Name of Work: Proposed for according for laying of 4" dia steel pipeline from 208.625Km  
Tirupati Bala ji Dham to 209.150 Km M. J Fuel (LHS) in Dehradun District in the state of  
Uttarakhand


# BG CALCULATION

Name of the company applied for permission GAIL Gas Limited ( The work will be executed under G.M. CGD  
Project Dehradun)

Sl.No.	Location	Start Chainage	End Chainage	Length (Mtr)	Width (Mtr)	As per circle No. RW/NH- 33044/29/2015/S&R Dated 22/11/2016	Amount (INR)
1	Tirupati Balaji Dham to M.J Fuel	208.625	209.150	525	0.1016	100	52,500.00
				525		Total (A)	52,500.00

  
मिनाक्ष त्रिपाठी / Minaksh Tripathi  
महानिदेशक (सी.जी.डी.) / General Manager (CGD)  
गैल गैस लिमिटेड / GAIL Gas Ltd.  
देहरादून / Dehradun

  
राहुल मिश्रा  
प्रबन्धक (संयोजक)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
प०क०ई०-वसन्त विहार, देहरादून

  
परियोजना निदेशक / Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
Ministry of Road Transport & Highways  
प०आइ०व्यू-वसन्त विहार, देहरादून

Name of Work : NOC Proposal for Granting Permission for Laying of 6" & 4" Dia Steel Pipe line from Chainage KM.171+150 to KM.179.200( RHS) at Bhaniyawala VUP to Forest Fire Station Lal Thappad & Three Crossing at Chainage KM.171.150, KM.171.938 & KM.173.732 on NH-7 for a total Length of 8220M (8050+60+60+50) in Dehradun District in the state of Uttarakhand.

Name of the company applied for permission

GAIL Gas Limited ( The work will be executed under G.M. CGO Project Dehradun)

Rate Calculation as per Circle Rate of Dehradun District - 2020 for Laying of 6 inch & 4 inch dia Gas Pipe line From KM 171+150 to KM 179.200( RHS) & Crossings.

Sl.No.	Location	Start Chainage	End Chainage	Length (Mtr)	Width (Mtr)	Area (Sq Mtr)	Dehradun Distt. Circle rates per Sq. Mtr ( Effective from 13-01-2020)	Amount (INR)
1	Dehradun - Aradwar - Road, Baddarwala Border Ending Forest Check Post to Bhaniyawala VUP	171.150	179.200	8050	0.1524	1226.8	13000	15,948,400.00
2	Dehradun - Trishikesh Marg Song River to Bhaniyawala Tiraha	171.150 (Center)		60	0.1016	6.096	14000	85,344.00
3	Dehradun - Aradwar - Road, Baddarwala Border Ending Forest Check Post to Bhaniyawala VUP	171.938 (Center)		60	0.1016	6.096	13000	79,248.00
4	Dehradun - Aradwar - Road, Baddarwala Border Ending Forest Check Post to Bhaniyawala VUP	173.732 (Center)		50	0.1016	5.08	13000	66,040.00
				8220			Total (A)	16,179,032.00
							License fee for (Rs./sqm/per month) = Total(A)/(10*12)	1,34,825.2
							License fee for 05 Years = (License fee (Rs./sqm/per month) *5*12	8,089,512.00
							For Public Utility 33% of Industrial utilities as per circle No. RW/NH-33044/29/2015/S&R Dated 22/11/2016	2,669,538.96

*Minaksh Tripathi*  
मिनाक्ष त्रिपाठी / Minaksh Tripathi  
महानिरीक्षक (सी.जी.डी.) / General Manager (CGO)  
गैल गैस लिमिटेड / GAIL Gas Ltd.  
देहरादून / Dehradun

*Rajul Mishra*  
राहुल मिश्रा  
प्रमुखक (तकनीकी)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
प्लॉट नं० ६०-बसन्त विहार, देहरादून

*Project Director*  
परियोजना निदेशक / Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
Ministry of Road Transport & Highway  
प्लॉट नं० ६०-बसन्त विहार, देहरादून

Name of Work : NOC Proposal for Granting Permission for Laying of 6" & 4" Dia Steel Pipe line from Chainage KM. 171+150 to KM.179+200( RHS) at Bhaniyawala VUP to Forest Fire Station Lal Thappad & Three Crossing at Chainage KM.171+150(LHS TO RHS), KM.173+720 & KM.174+295 on NH-7 for a total Length of 8212M (8050+60+50+52) in Dehradun District in the state of Uttarakhand.	
Name of the company applied for permission	GAIL Gas Limited ( The work will be executed under D.G.M, CGD Project Dehradun)

The details of stretches where utility is proposed to be laid (along /across) with the ROW details, as Per follows:

S.No	From (Km.)	To (Km)	LHS (M)	RHS (M)	Total width of ROW (M)	Length (M)	Proposed laying of Pipeline		Offset from edge of Row	Methodology of laying Pipeline in this portion	Remarks
							From (KM)	To (KM)			
1	171.150 (Near Bhaniyawala VUP LHS TO RHS)	179.200	60 m (Center)		60m	60m	171.150	171.150 (Center)	0.5 m	HDD	
2	171.150	179.200		8050 m	45-75 m	8050 m	171.150	179.200	0.5 m	OPEN CUT	
3	173.720		50 m (Center)		50m	50m	171.720	(Center)	0.5 m	HDD	
4	174.295		52 m (Center)		52m	52m	174.295	(Center)	0.5 m	HDD	

राहुल मीना  
प्रबन्धक (तकनीकी)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
पं०के०ई०-वसुन्धरा विहार, देहरादून

राहुल मीना  
प्रबन्धक (तकनीकी)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
पं०के०ई०-वसुन्धरा विहार, देहरादून

परिचयन निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
Ministry of Road Transport & Highways  
पं०आइ०ए०-वसुन्धरा विहार, देहरादून  
Sur. No. 2022.5-11

9

**Name of Work:** NOC Proposal for Granting Permission to M/S Gail Gas Ltd for Laying of 6" & 4" Dia Steel Pipe line from Chainage KM .171+150 to KM.179.200( RHS) at Bhaniyawala VUP to Forest Fire Station Lal Thappad & Three Crossing at Chainage KM.171.150, KM.171.938 & KM.173.732 on NH-7 for a total Length of 8220M (8050+60+60+50) in Dehradun District in the state of Uttarakhand.

**BG CALCULATION**

Name of the company applied for permission

GAIL Gas Limited ( The work will be executed under G.M, CGD Project Dehradun)

S.No.	Location	Start Chainage	End Chainage	Length (Mtr)	Width (Mtr)	As per circle No. RW/NH-33044/29/2015/S & R Dated 22/11/2016	Amount (INR)
1	Bhaniyawala VUP to Forest Fire Station Lal Thappad	171.150	179.200	8050	0.1524	100	80,5000.00
2	Bhaniyawala VUP to Forest Fire Station Lal Thappad	171.150( Near Bhaniyawala VUP (LHS TO RHS)		60	0.1016	100	6000.00
3	Bhaniyawala VUP to Forest Fire Station Lal Thappad	171.938		60	0.1016	100	6000.00
4	Bhaniyawala VUP to Forest Fire Station Lal Thappad	173.732		50	0.1016	100	5000.00
				8220		Total (A)	8,22,000.00

*Minaksh Tripathi*  
**मिनाक्ष त्रिपाठी / Minaksh Tripathi**  
 महाप्रबन्धक (सी.जी.डी.) / General Manager (CGD)  
 गैल गैस लिमिटेड / GAIL Gas Ltd.  
 देहरादून / Dehradun

*Rahul*  
**राहुल शर्मा**  
 प्रबन्धक (तकनीकी)  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 (राष्ट्रक परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 पं०क०ई०-बसन्त विहार, देहरादून

*[Signature]*  
**परियोजना निदेशक / Project Director**  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (राष्ट्रक परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
 पं०आई०यू०-यसन्त विहार, देहरादून

# INDICATIVE UTILITY POSITIONS

GROUND LEVEL

GROUND LEVEL

OTHER UTILITY

OTHER UTILITY

1.5 to 4 M

4" & 6" GAS PIPE

*Ram*

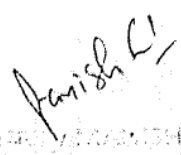
राष्ट्रिय मीमा  
प्रबन्धक (सकनीकी)  
भारतीय राष्ठीय राजमार्ग प्राधिकरण  
(सडक परिवहन राजमार्ग मन्त्रालय, भारत सरकार)  
पथक १००-बल्लु विद्या, देहरादून

परियोजना निदेशक/प्रोडिक्ट डायरेक्टर  
भारतीय राष्ठीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
(सडक परिवहन राजमार्ग मन्त्रालय, भारत सरकार)  
Ministry of Road Transport & Highways  
पथक १००-बल्लु विद्या, देहरादून

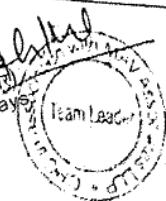




NH-72/New-07

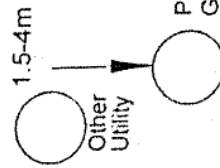
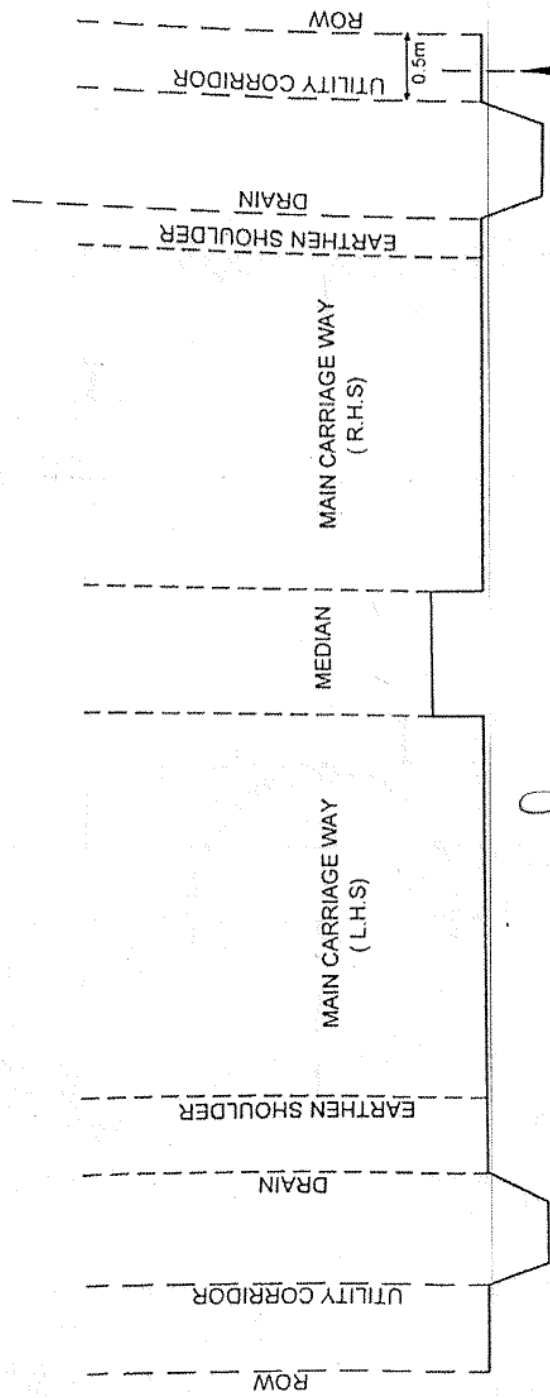


परियोजना निदेशक/Project Director  
भारतीय गन्तव्य रास्ता प्राधिकरण  
National Highways Authority of India  
(सड़क परिवहन रास्ता मंत्रालय, भारत सरकार)  
Ministry of Road Transport & Highways  
प्लॉट आर००५०-०५-०५-०५, देहरादून



43

TYPICAL SECTION OF ROAD  
For PIPE LINE LAYING ALONG THE ROAD  
From Ch. Km 171.150 to Km 179.200 (RHS)

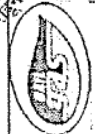


*[Signature]*  
Team Leader  
CPC in association with MAU Associates LLP

*[Signature]*  
Rajiv Singh  
Project Director  
National Highways Authority of India  
Ministry of Road Transport & Highways

*[Signature]*  
National Highways Authority of India  
Ministry of Road Transport & Highways

GAIL GAS LIMITED DEHRADUN	
PROJECT	CITY GAS DISTRIBUTION PROJECT FOR DEHRADUN GA
TITLE	TYPICAL AND CROSS SECTION OF ROAD FOR LAYING OF GAS PIPELINE ALONG THE ROAD From Ch. Km 171.150 to Km 179.200 (RHS)



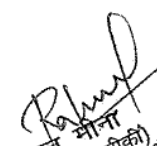
- 1) Name of Work: Crossing at ending point of Miyawala Fly-over towards Haridwar @ CH: (KM-160.750) and laying of Steel Pipeline towards Lok Pujiya Filling Station from CH@ (KM-160.750 TO CH @ KM-160.675)LHS NH-7(75+45) Total length of 120 meters in Dehradun District in the state of Uttarakhand


Name of the company applied for permission

GAIL Gas Limited ( The work will be executed under G.M. CGD Project Dehradun)

Sl.No.	Location	Start Chainage	End Chainage	Length (Mtr)	Width (Mtr)	Area (Sq Mtr)	Dehradun Distt. Circle rates per Sq. Mtr ( Effective from 13-01-2020)	Amount (INR)
1	Dehradun-Haridwar Road jogiwala to Kuanwala	160.750	160.675	75	0.1016	7.62	18000/-	1,37,160/-
2	Dehradun-Haridwar Road jogiwala to Kuanwala	160.750 (Crossing)		45	0.1016	4.572	18000/-	82,296/-
				120			Total (A)	219456/-
License fee for (Rs./sqm/per month) = Total(A)/(10*12)								1829/-
License fee for 05 Years = (License fee (Rs./sqm/per month) * 5 * 12)								1,09,740/-
Add Public Utility 33% of Industrial utilities as per circle No. RW/NH-33044/29/2015/S&R Dated 22/11/2016								36,214/-

  
 निशा त्रिपाठी / Minakshi Tripathi  
 जनरल मैनेजर (सी.जी.डी.) / General Manager (CGD)  
 गैल गैस लिमिटेड / GAIL Gas Ltd.  
 देहरादून / Dehradun

  
 राहुल मेहना  
 प्रमुख (तकनीकी)  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 पंकज-वसन्त विहार, देहरादून

  
 परियोजना निदेशक / Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
 पंकज-वसन्त विहार, देहरादून



Name of Work : Crossing at ending point of Miyawala Fly-over towards Haridwar @ CH: (KM-160.750) and laying of Steel Pipeline towards Lok Pujiya Filling Station from CH@ (KM- 160.750 TO CH @ KM- 160.675)LHS NH-7(75+45) Total length of 120 meters in Dehradun District in the state of Uttarakhand

#### BG CALCULATION

Name of the company applied for permission

GAIL Gas Limited ( The work will be executed under G.M, CGD Project Dehradun)

S.No.	Location	Start Chainage	End Chainage	Length (Mtr)	Width (Mtr)	As per circle No. RW/NH-33044/29/2015/S &R Dated 22/11/2016	Amount (INR)
1	Lok Pujiya Filling Station	160.675	160.750	75	0.1016	100	7,500.00
	Crossing at ending point of Miyawala fly-over towards Haridwar)	160.750( Crossing at ending point of Miyawala fly-over towards Haridwar) (Center)		45	0.1016	100	4,500.00
				120		Total (A)	12,000.00

*Minakshi Tripathi*  
 मिनाक्षी त्रिपाठी / Minakshi Tripathi  
 जनरल मैनेजर (सी.जी.डी.) / General Manager (CGD)  
 गैल गैस लिमिटेड / GAIL Gas Ltd.  
 देहरादून / Dehradun

*Rahul*  
 राहुल मोना  
 प्रबन्धक (सकनोकी)  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 पं०क०ई०-०२२२२२ विहार, देहरादून

*R*  
 प्रियंका निदेशक / Project Director  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
 पं०क०ई०ए०-०२२२२२ विहार, देहरादून




Elevation	Pipeline Inch Level	Chainage
171.15	42	68.87
171.15	42	69.00
171.15	42	69.13
171.15	42	69.26
171.15	42	69.39
171.15	42	69.52
171.15	42	69.65
171.15	42	69.78
171.15	42	69.91
171.15	42	70.04
171.15	42	70.17
171.15	42	70.30
171.15	42	70.43
171.15	42	70.56
171.15	42	70.69
171.15	42	70.82
171.15	42	70.95
171.15	42	71.08
171.15	42	71.21
171.15	42	71.34
171.15	42	71.47
171.15	42	71.60
171.15	42	71.73
171.15	42	71.86
171.15	42	71.99
171.15	42	72.12
171.15	42	72.25
171.15	42	72.38
171.15	42	72.51
171.15	42	72.64
171.15	42	72.77
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171.15	42	

Sl. No	Description	Synology
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5	8445 ROV	
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8	8448 ROV	
9	8449 ROV	
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99	8539 ROV	
100	8540 ROV	

परियोजना निदेशिका/Project Director  
 भारतीय राज्मार्ग प्राधिकरण  
 National Highways Authority of India  
 (सड़क परिवहन राज्मार्ग मंत्रालय, भारत सरकार)  
 Ministry of Road Transport & Highways  
 सी.ओ.एन.एच. - राज्मार्ग विभाग, देहली

**MANISH COEL**

[illegible]

Client		GAIL GAS LIMITED DEHRADUN
Project		CityGas Distribution Project for Dehradun, GA Survey Consultant
Title		INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD Siro Road, Phase II, Sector 17, Gurgaon Bharatnagar, Vasant Vihar, New Delhi Lafayette, East Orange, New Jersey, USA



