



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, उ०प्र० (पूर्व) वाराणसी

Regional Office - U.P. (East), Varanasi

एस- 2/656, ए-3 बी, वरुणा विहार कालोनी, द्वितीय एवं तृतीय तल, वन प्लेस टावर
(जे०पी० मेहता सीनियर सेकेंडरी स्कूल के पीछे), सिक्राऊल, वाराणसी-221002 (उ०प्र०)

S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd floor, one place Tower
(Behind J.P. Mehta Sr. Secondary School), Sikraul, Varanasi-221002 (U.P.)

दूरभाष Phone : 91-542-2280243

: 91-542-2280372

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: rolucknow@nhai.org

वेबसाइट/Website: www.nhai.org

No. 14011/42/RO/UP(E)/2020/ 3354

Date: 21.10.2020

Invitation of public comments

Sub.: Proposal for granting Permission to lay 6" Dia Steel & 125mm dia MDPE Natural Gas Pipeline on Lucknow-Kanpur road along RHS of NH-27 from Ch. No. 61.800 (near Heera Garden, Unnao) to Ch. No. 65.300 (near Mount Litera Zee School) (total length 3.5 km).

The Manager (Projects) M/s Central UP Gas Limited, Kanpur has submitted proposal through PIU-Lucknow letter No. 1743 dated 09.10.2020, for granting Permission to lay 6" Dia Steel & 125mm dia MDPE Natural Gas Pipeline on Lucknow-Kanpur road along RHS of NH-27 from Heera Garden to Mount Litera Zee School (RHS) for approximate length 3.50 KM at subject cited chainages/ stretch through HDD method.

2. From the submitted proposal, it is seen that the utility will be laid along the NH through trenchless (HDD) method and will be laid at the extreme edge of ROW at the depth of minimum 1.50m from surface of road from KM 61.800 to KM 65.300. The width of ROW from centre line at the crossing/laying stretch location is 30M on either side. In this connection, M/s Central UP Gas Limited, Kanpur has undertaken that they will ensure all safety measures while executing the work.

3. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/ 2015/S&R(R) dated 22.11.2016, the application 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, comments of the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

The Regional Officer, UP-East
National Highways Authority of India
S-2/656, A-3B, Varuna Vihar Colony,
2nd & 3rd Floor, One Place Tower,
Behind J.P. Mehta Sr. Secondary School
Sikraul, Varanasi-221002

This issue with the approval of Regional Officer.

Encl: As above

(C.M. Dwivedi)
General Manager (Tech.)

Copy to:

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website.
3. Project Director, NHAI, PIU-Lucknow- for information.
4. The Regional Pay and Accounts Officer (NH), Ministry of Road Transport and Highways, Hall No.1, 7th Floor, Kendriya Bhawan, Aliganj, Lucknow-226024: With request to confirm the realization of requisite fees to Central Govt. Account, paid by the Applicant online through "Bharat Kosh" Portal vide Transaction Ref. No. 2509200003102 dated 25.09.2020 (Rs.25,00,000/-), 2509200002869 dated 25.09.2020 (Rs.25,00,000/-) & 2409200007276 dated 24.09.2020 (Rs.30,18,873/-) (copies enclosed).
5. Manager (Projects), M/s Central UP Gas Limited, Kanpur for information.

Ref No.: CUGL/Proj/Unnao/NOC/2019-20/01D

Date: 21.07.2020

To,
The Project Director,
Project Implementation Unit, Lucknow
National Highways Authority of India,
(Ministry of Road Transport & Highways, Govt. of India)
3/248, Near SRS Mall, Vishal Khand, Gomti Nagar,
Lucknow - 226010 (U. P.)

Subject: Request for permission/N.O.C to lay 3.5 KM's of 6" Dia. Steel & 125 MM dia MDPE Natural Gas pipeline on Lucknow-kanpur Road along R.H.S. of (NH-27) from Chainage No. 61.800 (near Heera Garden, Unnao) to Chainage No. 65.300 (near Mount Litera Zee school, Unnao)

Ref: 1. Our letter no. CUGL/Proj/Unnao/NOC/2019-20/01 dated 01.06.2019
2. Your letter no. 44019/NHAI/PIU/LKO/NOC/NH-27/2019/1767 dtd. 04.10.2019
3. Your letter no. 44019/NHAI/PIU/LKO/NOC/NH-27/2019/1839 dtd. 17.10.2019
4. Our letter no. CUGL/Proj/Unnao/NOC/2019-20/01A dated 07.11.2019
5. Your letter no. 44019/NHAI/PIU/LKO/NOC/NH-27/2019/2110 dtd. 23.11.2019
6. Our letter no. CUGL/Proj/Unnao/NOC/2019-20/01B dated 09.12.2019
7. Your letter no. 44019/NHAI/PIU/LKO/NOC/NH-27/2020/2920 dtd. 03.03.2020
8. Our letter no. CUGL/Proj/Unnao/NOC/2019-20/01C dated 11.03.2020

Dear Sir,

With reference to above mentioned subject, we are herewith submitting revised drawing and Check-list proposal as per discussion with NHAI Consultant. Consultant advised that with our letter ref No. CUGL/Proj/Unnao/NOC/2019-20/01C dated 11.03.2020 in requisite copy for issuing of N.O.C/Permission for laying natural Gas Pipeline along NH-27 from Chainage No. 61.800 (near Heera Garden, Unnao) to Chainage No. 65.300 (near Mount Litera Zee School, Unnao) for a total length of approx. 3.5 Km's.

It is therefore requested that requisite permission/N.O.C for laying of gas pipeline along NH-27 from Chainage No. 61.800 near Heera Garden to Chainage No. 65.300, Unnao for a total length of 3.5 Km's approx. which falls under your jurisdiction may please be granted to enable us to lay the pipeline at the earliest.

The application in 4 sets (2 Original + 2 Duplicate) along with copy of online application with tracking ID ATS 899 (Application date 12.03.2020) is being submitted seeking for NHAI permission to lay the Natural Gas Pipeline along with the following documents:

- The Strip Chart / schematic drawing for gas pipeline laying is placed at **Annexure-1**.

An undertaking is placed at **Annexure-2**.

An affidavit is placed at **Annexure-3**.



- The agreement for laying pipeline along NH-27 is placed at **Annexure-4**
- Methodology of work is placed at **Annexure-5**
- Format for maintaining the record of ROW is placed at **Annexure-6.**
- The cross-sectional detail of Natural gas pipeline is placed at **Annexure-7.**
- The location map is placed at **Annexure-8.**
- A checklist is placed at **Annexure-9.**
- Authorization for signing of Proposal in favor of Manager – Projects is placed at **Annexure-10.**
- Various Correspondence letters against previously applied permissions are placed at **Annexure-11.**

The work completion schedule shall be 6 months from the date of clearance from NHAI and our intimation to NHAI for commencement of project site activity and no safety clearance required for this project, however, necessary intimation shall be given to all the concerned departments.

We would, therefore, request you to kindly accord your permission for execution of underground gas pipeline at the above said location.

Thanking you.

Yours sincerely

For Central UP Gas Limited



(Jitendra Gautam)
 Manager – Projects.
jitendrag@cugl.co.in
 Mob. 9999439780

Encl: as stated above

CHECK- LIST

Guidelines for Project Directors for processing the proposal for laying of Natural Gas CS & MDPE pipeline in the land along NH -27

Relevant Circulars

- 1) Ministry Circular No. NH-41 (58)/68 dated 31.01.1969
- 2) Ministry Circular No. NH-III/P66/76 dated 18/19.11.1976
- 3) Ministry Circular No.RW/NH-IIIP/66/76 dated 11.05.1982
- 4) Ministry Circular No.RW/NH-11037/86/DOI (ii)dated 28.07.1993
- 5) Ministry Circular No.RW/NH-11037/86/DOI dated 19.01.1995
- 6) Ministry Circular No.RW/NH-34066/2/95/S&R dated 25.10.1999
- 7) Ministry Circular No.RW/NH-330231/19/99-DOM-III dated 17.10.2003

Check list for getting approval for laying of Natural Gas CS & MDPE pipeline in the land National Highway No-27

S.No.	Item	Information/Status	Remarks
1	General Information	NH – 27 ,Lucknow - kanpur	
1.1	Name and Address of the Applicant/Agency	Central UP Gas Limited, 7 th Floor, UPSIDC Complex, A- ¼, Lakhanpur, Kanpur, 208024	
1.2	National Highway Number	NH – 27	
1.3	State	Uttar Pradesh	
1.4	Location	Lucknow - kanpur	
1.5	(Chainage in Km)	Along NH-27 1) CH. (61.800 to CH 63.500).	
1.6	Length in Meters	Along NH 3500 m.	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction		
	(b) Right side from center line towards increasing chainage/km direction		



For S A Infrastructure Consultants Pvt. Ltd. 1

Team Leader

Sujat Gupta
Dy. Manager (Tech.)

National Highways Authority of India
Project Implementation Unit, Lucknow
3/248, Vishal Khand, Gomti Nagar, Lucknow

1.8	Proposal to lay underground Natural CS & MDPE Gas pipeline	Along the NH-27	
	(a) Left from center line towards increasing chainage/km direction.	NA	
	(b) Right side from center line towards increasing chainage/km direction	Along the Ch 61.8 to Km. 65.3	
1.9	Proposal to acquire land	NA	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	No acquisition of land required	
	If not then where to lay the Pipeline	Along the NH-27	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	No of lanes (2/4/6/8 lanes) existing	4 lane	
1.13	Proposed Number of lanes (2 lanes with paved shoulder 4/6/8 lanes)	4 lane	
1.14	Service road existing or not	Not Existing	
	If yes then which side		
	(a) Left side from center line	Not Existing	
	(b) Right side from center line	Not Existing	
1.15	Proposed service road		
	(a) Left side from center line		
	(b) Right from center line		
1.16	Whether proposal to lay gas pipeline is after the service road or between the service road and main carriageway	N/A	



For SA Infrastructure Consultants Pvt. Ltd.

Team Leader

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संयोजक निदेशक
राष्ट्रीय राजमार्ग विकास प्राधिकरण
(नगर विकास विभाग, भारत सरकार)
3/248, विशाल खण्ड, गौरी नगर, लखनऊ

Sujat Gupta
Sr. Manager (Tech.)
National Highways Authority of India
Project Implementation Unit, Lucknow
3/248, Vishal Khend, Gauri Nagar, Lucknow

1.17	The Permission for laying of Gas pipeline shall be considered for approval/rejection based on the Ministry Circulars mentioned as above.		
	(a) Carrying of Gas pipeline on Highway bridges shall not be permitted as gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of gas.	NA	
	(b) Carrying of gas pipelines on bridges shall also discouraged however if the gas supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge in finalized they may be permitted to carry the pipeline on independent super structure supported on extended portion of piers and abutments in such a manner that in the final arrangement enough free spade around the super structure of the bridge remains available for inspection and repairs etc.	NA	
	(c) Cost of required extension of the substructure as well as that of the supporting super structure shall be borne by the agency-in-charge of the utilities.	NA	
	(d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, safety of the bridges has to be kept in view while permitting various services along bridge. Approvals to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers Only.	NA	



For SA Infrastructure Consultant's Pvt. Ltd.

(Signature)
Team Leader

(Signature)
प्रियंका मिश्रा
आरटी नगर, गौरीगंज हाथिकला
(उत्तर प्रदेश में भारत, भारत, भारत)
3/246, विशाल खान, गौरी नगर, लखनऊ

Sujat Gupta
Dy. Manager (Tech.)
National Highways Authority of India
Project Implementation Unit, Lucknow
3/246, Vishal Khand, Gomti Nagar, Lucknow

1.18	If Crossing of the road involved	NO	
	If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expensed of the agency owning the line.	N/A	
	(a) Existing drainage structures shall not be allowed to carry the lines.	N/A	
	(b) Is it on a line normal to NH-27	N/A	
	(C) Crossings shall not be too near the existing structures on the NH-27, the minimum distance being 15 meter. What is the distance from the existing structures	N/A	
	d) The casing pipe (or conduit pipe in the case of electric/OFC cable) carrying the utility line shall be of steel, case iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	N/A	
	e) Ends of the casing/conduit pipe shall be sealed form the outside, so that it does not act as a drainage path.	N/A	
	f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	N/A	
	g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	N/A	
	h) Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type	N/A	



For SA Infrastructure Consortium, Pvt. Ltd.


Team Leader

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Manager (Tech.)
National Highways Authority of India
Project Implementation Unit, Lucknow
3/246, Vishal Khand, Gomti Nagar, Lucknow

	I) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	N/A	
2	Document/Drawings enclosed with the proposal.	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2 m deepX 0.3 wide)	Yes	
	i) Should be greater than 60 Cm wider than outer diameter of the pipe	NO.	
	ii) Located as close to the extreme edge of the right-of way as possible but not less than 15 meter from the center-lines of the nearest carriageway.	Yes	
	iii) Shall not be permitted to run along the national Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.	Yes	
	iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Yes	
2.2	Cross section showing the size of pit and location of Natural gas pipeline for HDD method	Attached	
2.3	Strip plan/Route Plan showing Natural Gas pipeline, Chainage, width of ROW, distance of proposed, cable from the edge of ROW, important milestone, intersections, cross drainage works etc.	Incorporated in the drawing	
2.4	Methodology for laying of showing Natural Gas pipeline	Open cut /HDD (Trenchless) Method	



For S A Infrastructure Consultants Pvt. Ltd.

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Ham Leader


Sujot Gupta
Dy. Manager (Tech.)
National Highways Authority of India
Project Implementation Unit, Lucknow
3/248, Vishai Khanda, Gomti Nagar, Lucknow

परिशिष्टा निदेशक
राष्ट्रीय राजमार्ग प्रतिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
3/248, विशाख खण्ड, गौतमी नगर, लखनऊ

2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench.	Open cut / HDD (Trenchless) Method	
	a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value	Yes	
	Unsuitable soil and rock edged should be excavated and replaced by selected material.	Yes	
	c) The backfill shall be completed in two stages (i) side fill to the level of the top to the pipes and (ii) overfill to the bottom of the road crust.	Yes	
	d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or pending will not be permitted	Yes	
	e) The road crust shall be built to the same strength as the existing crust on either side of the trench; care shall be taken to avoid the formation of a dip at the trench.	Yes	
	f) the excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes	9



For SA Infrastructure Consultants Pvt. Ltd

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Signature
Team Leader

Sudipt Gupta
Dy. Engineer (Tech.)
National Highways Authority of India
Project Implementation Unit, Lucknow
3/248, Vishal Khana, Ganti Nagar, Lucknow

परिचालन निदेशिका
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग विभाग, भारत सरकार)
3/248, गन्ती नगर, लखनऊ, उत्तर प्रदेश

	g) If required, a diversion shall be constructed at the expensed of agency owing the utility line	Yes	
2.4.2	Horizontal Directional drilling (HDD) Method	Yes	
2.4.3	Laying of Gas Supply Pipeline through CD works and method of laying	Yes	
	a) On approaches, the water mains/cables shall be carried along a line as close to the edge of the right-of way as possible up-to a distance of 30 m from the bridge and subject to all other stipulation contained in this Ministry's guidelines issued with letter No. NH-HI/P66/76 dated 19.11.1976	Yes	
3	Draft License Agreement signed by two witness	Yes	
4	Performance bank Guarantee in favor of NHAI has to be obtained @ Rs 100/- per running meter (parallel to NH) and Rs 100000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing Dabris/loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.	CUGL will pay Bank guarantee as intimated by NHAI.	
4.1	Performance BG as per above is to be obtained	Yes	9
4.2	Confirmation of BG has been obtained as per NHAI Guidelines.	Yes	



For S A Infrastructure Consultants Pvt. Ltd.

[Signature]
Team Leader

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[Signature]
Sujat Gupta
Dy. Manager (Tech.)
National Highways Authority of India

परिशीलना निर्देशक
राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग विभाग, भारत सरकार)
नई दिल्ली-110019

5	Affidavit/undertaking from the application	Yes	
5.1	Not to Damage to other utility, If damaged then pay the losses either to NHAI or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirming all standard condition of NHAI'S guideline	Yes	
5.4	Shifting of Gas supply pipeline as and when required by NHAI at their own cost	Yes	
5.5	Shifting due to 6 lanning / widening of NHAI	Yes	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes	
5.7	Traffic movement during laying of Natural Gas supply pipeline to be managed by the applicant	Yes	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work if installation, shifting or repairs, or alteration to the showing Natural Gas supply pipeline located in the NH-27 right-of-ways.	Yes	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the NHAI by the laying, maintenance or shifting of the Natural Gas supply pipeline will be borne by the agency owing the pipeline.	Yes	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	



For S A Infrastructure Consultants Pvt. Ltd.

[Signature]
Team Leader

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[Signature]
Sujat Gupta
Dy. Manager (Tech.)
National Highways Authority of India
Project Implementation Unit, Lucknow
3/246, Vishal Khond, Gomti Nagar, Lucknow

[Signature]
National Highways Authority of India
Project Implementation Unit, Lucknow
3/246, Vishal Khond, Gomti Nagar, Lucknow

5.12	Certificate from the application in the following format		
	(i) Laying of Gas supply pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Yes	
	(ii) For 6- lanning "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted with such time as will be stipulated by NHAI" for future six- lanning or any other development."	Yes	
6	Who will sign the agreement on behalf of gas supply pipeline agency?	Manager (Project) Central UP Gas Limited	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide ministry circular no. Ministry circular no NH-41 (58)/68 dated 31.01.1969, Ministry circular no. RW/NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular NO. RW/NH-1103/1/86-DOI (ii) Dated 28.07.1993. Ministry circular No. RW/NH-34066/2/9/S&R dated 25.10.1999 and Ministry Circular No. RW/nh-330231/19/99 dated 17.10.2003	Attached	

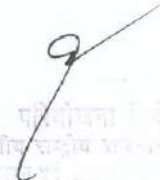


For S A Infrastructure Consultants Pvt. Ltd.

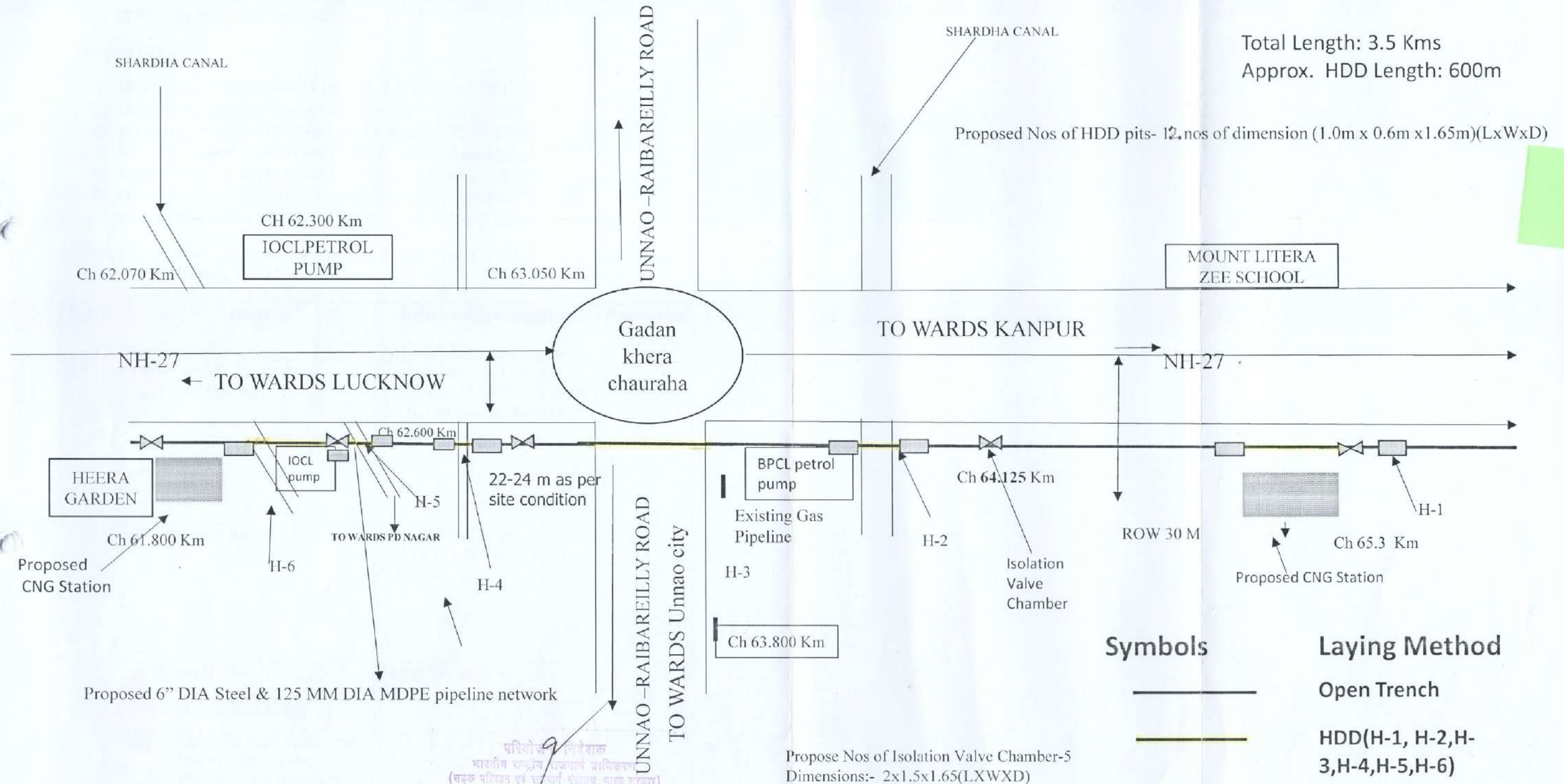

Team Leader


Sujol Gupta
Dr. Manager (Tech.)

National Highways Authority of India
Project Implementation Unit, Lucknow
3/248, Vishal Khand, Gomti Nagar, Lucknow


परीक्षित कुमार शर्मा
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सहायक प्रमुख, तकनीकी) (सहायक प्रमुख, तकनीकी)
3/248, विशाल खण्ड, गौतम नगर, लखनऊ

SCHEMATIC DRAWING FOR PROPOSED GAS P/L FROM HEERA GARDEN TO MOUNT LITERA ZEE SCHOOL,UNNAO



Note:- All Dimension are not to scale

For S A Infrastructure Consultants Pvt. Ltd.

Team Leader

Sujay Gupta
Dy. Manager (Tech.)
National Highways Authority of India
Project Implementation Unit, Lucknow
3/248, Vishal Khand, Gomti Nagar, Lucknow



Strip Chart For Proposed Gas Pipelines