



सत्यमेव जयते

Telefax: 040-23393206

:04023378549

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

REGIONAL OFFICE;
Quality Control Building,
Errum Manzil,
Hyderabad-500082
Dated:27.07.2020

No.RW/HYD/Misc-24(D)/utility services/kwty/180

Notice Inviting Public Comments for laying HPCL Hassan Cherlapally LPG pipe line along with OFC across NH-167 at km 21.300 of Jadcherla-Kalwakurthy section

Sub: Proposal for laying (HPCL - Hassan Cherlapally LPG pipeline) of 14'' dia underground liquefied petroleum Gas pipeline (LPG) along with 40mm dia HDPE duct for optical fiber cable (OFC) across the road at km 21.300 on Jadcherla-Kalwakurthy section of NH-167 in the State of Telangana - Reg.

Ref: i) The Superintending Engineer (R&B), NH Circle, Hyderabad letter No. No.4314/TS/T4/SENH/Hyd/2019-20/32 dated 03.06.2020.

The Superintending Engineer (R&B), NH Circle, Hyderabad vide letter cited under reference has submitted a Proposal for laying of petroleum products pipeline along with OFC across NH-167.

2. The proposal has been examined as per Ministry's Guidelines circulated vide letter no.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and is generally found in order

3. In view of above, as per above Ministry's guidelines Para 4, public comments are invited on the above proposal seeking claims and objections (on grounds of public inconvenience, safety and general public interest) within 30 days on public portal i.e., website of Ministry of Road Transport and Highways (www.morth.nic.in) in Form-A (copy enclosed) for "Accommodation of Public and Industrial Utility Services along and across National Highways".

Comment Inviting Authority

The Chief-Engineer-Regional Officer
Regional Office Hyderabad
Quality Control Building, 2nd floor,
Errum Manzil Colony
Hyderabad - 500082
Email Id: rohyd-morth@gov.in

Yours faithfully,

sd-

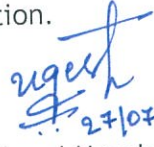
(Tatineni Ugesh)

Asst. Executive Engineer

For Regional Officer cum Highway Administrator

Copy to:-

- I. ✓ Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
- II. The Superintending Engineer (R&B), NH Circle, Hyderabad- For information.


27/07/2020

(Tatineni Ugesh)

Asst. Executive Engineer

For Regional Officer cum Highway Administrator

FORM-A

Form for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) on the application for Accommodation of Public and Industrial Utility Services along and across National Highways

Sub: Proposal for laying (HPCL - Hassan Cherlapally LPG pipeline) of 14'' dia underground liquefied petroleum Gas pipeline (LPG) along with 40mm dia HDPE duct for optical fiber cable (OFC) across the road at km 21.300 on Jadcherla-Kalwakurthy section of NH-167 in the State of Telangana - Reg.

The claims and objections (on grounds of public inconvenience, safety and general public interest) by the general public needs to be given within 30 days of uploading the online application for comments

Sl. No	Item	Details
1	Name of the person who is desiring to give claims and objections (on grounds of public inconvenience, safety and general public interest)	
2	Address of the person	
3	Details of the application for Accommodation of Public and Industrial Utility Services along and across National Highways against which claims and objections are being given (name of applicant and other details like site address etc.)	
	a) Application No.	
	b) Name of applicant (who applied to Accommodation of Public and Industrial Utility Services along and across National Highways)	
	c) Details of Application	
4	The claims and objections (on grounds of public inconvenience, safety and general public interest)	

CHECK – LIST

Guidelines for Executive Engineer for processing the proposal for laying Gas pipeline along with OFC in the land across National Highway vested with NH Division.

Relevant circulars

- 1) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976
- 2) Ministry Circular No. NH-III-P/66/76 dated 11.05.1982
- 3) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993
- 4) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.01.1995
- 5) Ministry Circular No. RW/NH-33066/2/95/S&R dated 25.10.1999
- 6) Ministry Circular No. RW/NH-33066/7/2003/S&R dated 17.09.2003
- 7) Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016

Check list for getting approval for laying of GAS pipeline along with OFC on NH land.

S.NO	Item	Information/Status	Remarks
1	General Information	Hindustan Petroleum Corporation Limited (Pipelines Division) intends to lay LPG pipeline from Hassan, Karnataka to Cherlappalli in Telangana. This prposal is for permission for laying the pipeline across NH- 167 at CH-..21.300 .. km in the state of Telangana. The pipeline at this crossing will be laid at a minimum depth of 1.2 mtr. below the Natural ground label, by Horizontal Boring method, along with 40 mm dia HDPE duct for OFC..	
1.1	Name and Address of the Applicant/Agency	Hindustan Petroleum Corporation Ltd Hassan Cherlappalli Pipeline Project, 130/1, Sebastian Street, S.D.Road, P.B No.5, Secunderabad-500003	
1.2	National Highway Number	NH-167	
1.3	State	Telangana	
1.4	Location	NH Chainage between Ch 21 & 22 km at 21+300 KM at Gangapur Village Jadcherla Mandal, Mahbubnagar District.	
1.5	(Chainage in km)	KM 21+300	
1.6	Length in Meters	30	
1.7	Width of available ROW	30	
	(a) Left side from center line towards increasing chainage/km direction	15	

इम्टियाज़ अरशद/IMTIYAZ ARSHAD
 महाप्रबंधक-पाईपलाइन परियोजनाएँ
 General Manager-Pipe Line Projects
 हासन चेरलापल्ली एल पी जी पाईपलाइन
 Hassan Cherlapalli LPG Pipe Line
 हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
 Hindustan Petroleum Corporation Ltd.

Handwritten signature
A. K. K.

Handwritten signature

	(b) Right side from center line towards increasing chainage/ km direction	15	
1.8	Proposal to lay underground Gas Pipeline along with OFC	Pipeline will be laid across NH at this location.	
	(a) Left side from center line towards increasing chainage/km direction.	21+300	
	(b) Right side from center line towards increasing chainage/km direction.	21+300	
1.9	Proposal to acquire land	No NH land will be acquired for pipeline laying	
	(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	Across the Road	
	If not then where to lay the cable/Gas Pipeline	Across the Road	
1.11	Details of already laid services, If any, along the proposed route	Not Found any	
1.12	Number of existing lanes (2/4/6/8 lanes)	2	
1.13	Proposed Number of lanes (2 lanes with paved shoulders/4/6/8 lanes)		
1.14	Service road existing or not	No	
	If yes then which side	NA	
	(a) Left side from centre line		
	(b) Right side from centre line		
1.15	Proposed service road		
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay gas pipeline is after the service road or between the service road and main carriageway	NA	
1.17	Whether carrying of sewage / gas pipeline has been proposed on highway bridges. If yes, then mention the methodology proposed for the same.	NA	
1.18	Whether carrying of sewage / gas pipeline has been proposed on the parapet/any part of the bridges . If yes, then mention the methodology proposed for the same.	NA	
1.18	If crossing of the road involved	Yes, Crossing will be done by Horizontal Boring method	
	if yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line		
	(a) Whether existing drainage structures are allowed to carry sewage / gas pipeline	N/A	
	(b) Is it on a line normal to NH	Yes	

इम्तियाज़ अरशद/IMTIYAZ ARSHAD
महाप्रबंधक-पाईपलाइन परियोजनाएँ
General Manager-Pipe Line Projects
हासन चेरलापल्ली एल पी जी पाईपलाइन
Hassan Cherlapalli LPG Pipe Line
हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
Hindustan Petroleum Corporation Ltd.

	(c) What is the distance of crossing the sewage/gas pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	45 m	
	(d) The casing pipe (or conduit pipe in the case of electric / OFC cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Mention type of casing.	Carrier pipeline will be laid in a steel casing pipe of 20" Dia (508mm)	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	
	(g) The top of the casing/conduit pipe should be at least 1.2meter below the surface of the road subject to being at least 0.3 m below the drain inverts.Mention the proposed details.	Yes	
	(h) Mention the methodology proposed for crossing of road for the proposed sewage / gas pipeline. Crossing shall be by boring method (HDD) [Trenchless Technology especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Crossing Shall be done through Horizontal Boring Method	
	(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.	Yes	
2	Document / Drawings to be enclosed with the proposal.	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide)	N/A	
	(i) Should not be greater than 60 cm wider than the outer diameter of the pipe.	Yes Agreed	
	(ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway.	NA	
	(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.	NA	
	(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.	at a depth 1.2 mtr below the Ground level.	
2.2	Cross section showing the size of pit and location of pipe for HDD method.	Attached	
2.3	Strip plan / Route Plan showing Gas pipe line, Chainage, width of ROW, distance of proposed Gas pipeline with OFC from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Incorporated in the Drawing	

इमतिआज़ अरशद / IMTIYAZ ARSHAD
 महाप्रबंधक-पाईपलाइन परियोजनाएँ
 General Manager-Pipe Line Projects
 हासन चेरलापल्ली एल पी जी पाईपलाइन
 Hassan Cherlapalli LPG Pipe Line
 हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
 Hindustan Petroleum Corporation Ltd.

[Handwritten Signature]

2.4	Methodology for laying of Gas pipe line.	Horizontal Boring Method	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, What is the Methodology of refilling of trench.	Horizontal Boring 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 Agreed	
	(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. Unsuitable soil and rock edged 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 to the pipe and (ii) overfill to the bottom of the road crust.	NA	
	(d) The side fill shall consist of granular material laid in 15cm 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.	NA	
	(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.	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 expenses of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	For Crossing National of Highway	
2.4.3	Methodology for laying of Gas Pipe Line through CD works and method of laying. In cases where the carrying of gas pipeline on the bridge becomes inescapable.	N/A	
3	Draft License Agreement signed by two witnesses	Attached	

इम्तियाज़ अरशद/IMTIYAZ ARSHAD
 महाप्रबंधक-पाईपलाइन परियोजनाएँ
 General Manager-Pipe Line Projects
 हासन चेरलापल्ली एल पी जी पाईपलाइन
 Hassan Cherlapalli LPG Pipe Line
 हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
 Hindustan Petroleum Corporation Ltd.



4	Performance Bank Guarantee in favour of NH has to be obtained @ Rs 50/- per running meter (parallel to NH) and Rs1,00,000/-per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work)as a security for ensuring/making good the excavated trench for laying the Gas pipeline with OFC /ducts by proper filling and compaction, clearing Debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NNH Division/MoRTH to the licensee for clearing debris /loose earth. Performance BG as per above is to be obtained.	Hindustan Petroleum Corporation Limited will Pay Bank Guarantee as intimated by NH Division Authority/ Authorized Agency.	
4.1	Confirmation of BG has been obtained or not as per NH Division guidelines	Will be submitted as intimated by NH Division/MoRTH Authorities	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished.		
5.1	Not to Damage to other utility, if damaged then pay the losses either to NH or to the concerned agency	Enclosed	
5.2	For Renewal of Bank Guarantee		
5.3	For Confirming all standard condition of Ministry Circulars and NH Division/MoRTH's guideline		
5.4	For Shifting of Gas pipe line as and when required by NH at their own cost		
5.5	For Shifting of Gas pipeline due to 6 lanning / widening of NH		
5.6	For Indemnity against all damages and claims		
5.7	For Traffic movement during laying of Gas pipe line to be managed by the applicant.		
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	Enclosed	
5.9	Prior approval of the NH shall be obtained before undertaking any work if installation, shifting or repairs, or alterations to the Gas pipe line/any other utility located in the National Highway right-of-ways.		
5.10	Expenditure, if any, incurred by NH for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Gas pipe line will be borne by the applicant agency owning the line.		
5.11	If the NH 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 NH at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.		
5.12	Certificate from the applicant in the following format		

इम्टियाज़ अरशद/IMTIYAZ ARSHAD
महाप्रबंधक-पाईपलाइन परियोजनाएँ
General Manager-Pipe Line Projects
हासन चेरलापल्ली एल पी जी पाईपलाइन
Hassan Cherlapalli LPG Pipe Line
हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
Hindustan Petroleum Corporation Ltd.

(Handwritten Signature)

	(i) Laying of Gas pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Enclosed	
	(ii) "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NH" for future six-lanning or any other development."		
6	Who will sign the agreement on behalf of Gas pipe line agency?	Imtiyaz Arshad, General Manager Pipeline Projects, Hindustan Petroleum Corporation Limited, 130/1, Sebastian Street, S.D.Road, P.B No.5, Secunderabad-500003	
6.1	Power of Attorney to sign the agreement is available or not	Available	
7	The Project Director, will submit the following Certificates.		
7.1	Certificate for proposal for confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. NH-III /P /66 /76 dated 18/19.11.1976, RW/NH-III/P/66/76 dated 11.5.1982, RW/NH-11037/1/86/DOI (ii) dated 28.7.1993, RW/NH-11037/1/86/DOI dated 19.1.1995, RW/NH-34066/2/95/S&R dated 25.10.1999 and Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003		
7.2	Certificate from EE in the following format		
	(i) " It is certified that any other location of the Gas pipeline would be extremely difficult and unreasonable costly and the installation of Gas pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".		
	(ii) for 6-laning		
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structure at the said location".		
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".		

इम्तियाज़ अरशद/IMTIYAZ ARSHAD
महाप्रबंधक-पाईपलाइन परियोजनाएँ
General Manager-Pipe Line Projects
हासन चेरलापल्ली एल पी जी पाईपलाइन
Hassan Cherlapalli LPG Pipe Line
हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
Hindustan Petroleum Corporation Ltd.



8	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement."The permitted Highway on which Licensee has been granted the right to lay gas pipeline with OFC/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [----- ----- Section from Km ----- to Km ----- of NH No.----- on Build, Operate and Transfer basis] and therefore, the licensee shall honour the same."		
9	Who will supervise the work of laying of Gas pipe line		
	(a) On behalf of the Applicant	General Manager, Hindustan Petroleum Corporation Limited, Hassan Cherlapalli Pipeline Project	
	(b) On behalf of NH / Authorized Agency	Excutive Engineer, R&B department, NH Division, Kalwakurthy.	
10	Who will ensure that the defects in road portion after laying of Gas Pipe line are corrected and if not corrected then what action will be taken		
	(a) On behalf of the Applicant	General Manager, Hindustan Petroleum Corporation Limited, Hassan Cherlapalli Pipeline Project	
	(b) On behalf of NH / Authorized Agency	Excutive Engineer, R&B department, NH Division, Kalwakurthy.	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?		
	On behalf of the Applicant	General Manager, Hindustan Petroleum Corporation Limited, Hassan Cherlapalli Pipeline Project	
12	A Certificate form EE that he will enter the proposed permission in the resister of records of the permission in the prescribed proforma (copy enclosed)		
13	if any previous approval is accorded for laying of underground Gas Pipeline then Photocopy of register of records of permission accorded as mantained by EE then copy be enclosed	NA	

इम्टियाज़ अरशद/IMTIYAZ ARSHAD
महाप्रबंधक-पाईपलाइन परियोजनाएँ
General Manager-Pipe Line Projects
हासन चेरलापल्ली एल पी जी पाईपलाइन
Hassan Cherlapalli LPG Pipe Line
हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
Hindustan Petroleum Corporation Ltd.


E. G. G. G.

Sub: Proposal for Permission for laying of 14"dia underground liquefied Petroleum Gas Pipeline(LPG) along with 40mm dia .HDPE duct for optical fibre cable (OFC)across the road in between km 21.200 to 21.400 on Jadcherla -Kalwakurthy Section on NH-167 in the state of Telangana

SPECIAL ANNEXURE FORM TO ACCOMPANY PROPOSAL SUCH AS LAYING OF UTILITY SERVICES ACROSS NATIONAL HIGHWAYS

1	Type of utility	Gas pipe line
1A	In case any other at Sl. No.1, Mention the type of utility	NA
2	No of crossing location	1
3	Is proposed utility service underground	Yes
3A	In case yes at Sl. No. 3, whether provision has been made for crossing either through structure or conduits specially built for that purpose	Yes
3B	In case yes at SL. No.3,whether provision has been made that casing /conduct pipe will extend from drain to drain in cuts and toe of slope to toe of slope in the fills	Yes
3C	Incase yes at Sl. No.3, undertaking by utility department that casing /conduit pipe will be designed & laid in accordance with the provision IRC	Yes
3D	In case yes at Sl. No.3,whether crossing of utility service is proposed through Existing drainage structure	No
3E	Incase yes at Sl. No.3,whether proposed utility services will cross the National Highway on a line normal to	Yes
3E(i)	In case no at Sl. No.3E,crossing angle and a reason for non crossing of utility service at normal line	NA
3F	Diameter of crossing Underground utility service	14"+OFC
3G	Underground utility service crossing methodology	Horizontal Boring, trenchless method
3G(i)	Incase trenching Methodology at Sl. No.3G, whether the sides of the trench in proposed proposal kept as nearly vertical as possible or not	NA
3G(ii)	Incase trenching Methodology at Sl. No.3G,whether the trench width is proposed proposal has been kept at least 30cm wider(but not more than60cm wider)than the outer diameter of the utility pipe or not	NA
3G(iii)	Incase Trenching Methodology at Sl. No.3G ,Whether diagram indicating the proposed trenching Methodology enclosed or not	NA


Executive Engineer
(R & B) NH Division,
Kalwakurthy



IMTIYAZ ARSHAD
General Manager - Pipeline Project
HINDUSTAN PETROLEUM CORPORATION LIMITED
Modul No. 202, 5th floor, NSIC-EMDBP Building,
Kamalanagar, Dr. A.S. Rao Nagar, EDULUPU, HYDERABAD-500062.


A. S. Rao

Sub: Proposal for Permission for laying of 14" dia underground liquefied Petroleum Gas Pipeline(LPG) along with 40mm dia .HDPE duct for optical fibre cable (OFC) across the road in between km 21.200 to 21.400 on Jadcherla -Kalwakurthy Section on NH-167 in the state of Telangana

SPECIAL ANNEXURE FORM TO ACCOMPANY PROPOSAL SUCH AS LAYING OF UTILITY SERVICES ACROSS NATIONAL HIGHWAYS

3G(iv)	Whether undertaking by Authorized Representative has been enclosed or not that a) Bedding shall be a depth not less than 30cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges shall be excavated and replaced by selected material. b) The backfill shall be completed in two stages i) side fill to the level of the top of the pipe ii) Over fill to the bottom of the road crust c) the side fill shall consist of granular material laid in 15cm. layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the modified proctor's density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or pounding will not be permitted. d) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the highway Authority	NA
4	Is Proposed utility service overhead line	NO
5	In case yes at Sl. No.4, whether the horizontal and vertical clearance in proposed proposal is in accordance with the IRC or not	NA
5A	Whether undertaking by Authorized Representative of utility service has been enclosed or not that the horizontal and vertical clearance in accordance with the IRC shall be maintained	NA


Executive Engineer
(R & B) NH Division,
Kalwakurthy


IMTIYAZ ARSHAD
General Manager - Pipeline Project
HINDUSTAN PETROLEUM CORPORATION LIMITED
Modul No. 202, Second floor, NSIC-EMDBP Building,
Kamalanagar, Dr. A.S.Rao Nagar, ECIL (P.O.), HYDERABAD-500062.

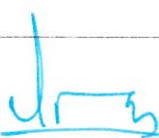

Aet H Hery


Sub: Proposal for Permission for laying of 14"dia underground liquefied Petroleum Gas Pipeline(LPG) along with 40mm dia .HDPE duct for optical fibre cable (OFC)across the road in between km 21.200 to 21.400 on Jadcherla -Kalwakurthy Section on NH-167 in the state of Telangana

SPECIAL ANNEXURE FORM TO ACCOMPANY PROPOSAL SUCH AS LAYING OF UTILITY SERVICES ACROSS NATIONAL HIGHWAYS

1	Type of utility	Gas pipe line
2	In case any other at Sl. No.1, Mention the type of utility	NA
3	Length of underground utility service (km)(total length)	Proposal is only for crossing
4	In case of overhead line no .of Poles/Tower	NA
5	The stretch under consideration have provision of utility duct	No
6	In case of Sl. No.5, Whether the utility line is close to the extreme edge of the Right of the way as possible	NA
7	In case of No at Sl. No.6 Details reasons for exception	NA
8	Does the proposal cover the area where the road formation is in double cutting	NA
9	Whether the top of the utility services is at least 0.6m below the ground level	Yes
10	Will utility services obstruct the drainage of the road land	NA
11	Will the utility service interfere with the maintenance of NH at any time by the execution if permission is approved	NA
12	Does the proposal run over existing culverts and bridges at any place	NA
13	If yes does the bridge and culvert have utility duct provision	NA
14	Is this utility service to lay electric cable carrying HT line	No
15	a)If so ,the necessary certificate by the proposal that will not have any deleterious effect on any of the bridge components road way safety for traffic	NA
16	Is it case of restricted ROW to allow utility services beneath the carriageway of service road	No
16A	In case yes at Sl. No.16, is there provision to lay the utility service in concrete ducts, which is designed to carry traffic on top& width of the duct is less than one lane	NA
16B	In case yes at Sl. No.16, will maintenance of the utility service interfere with the safe and smooth flow of traffic.	NA
16C	Incase yes at Sl. No.16, is undertaking by Authorized representative of utility service to borne cost of operation and maintenance by the license enclosed	NA


A. S. Rao


Executive Engineer
(R & B) NH Division,
Kalwakurthy


IMTIYAZ ARSHAD
General Manager - Pipeline Project
HINDUSTAN PETROLEUM CORPORATION LIMITED
Modul No. 202, Second floor, NSIC-EMDBP Building,
Kamalanagar, Dr.A.S.Rao Nagar, ECIL (P.O., HYDERABAD-500062.

Sub: Proposal for Permission for laying of 14" dia underground liquefied Petroleum Gas Pipeline(LPG) along with 40mm dia .HDPE duct for optical fibre cable (OFC) across the road in between km 21.200 to 21.400 on Jadcherla -Kalwakurthy Section on NH-167 in the state of Telangana

SPECIAL ANNEXURE FORM TO ACCOMPANY PROPOSAL SUCH AS LAYING OF UTILITY SERVICES ACROSS NATIONAL HIGHWAYS

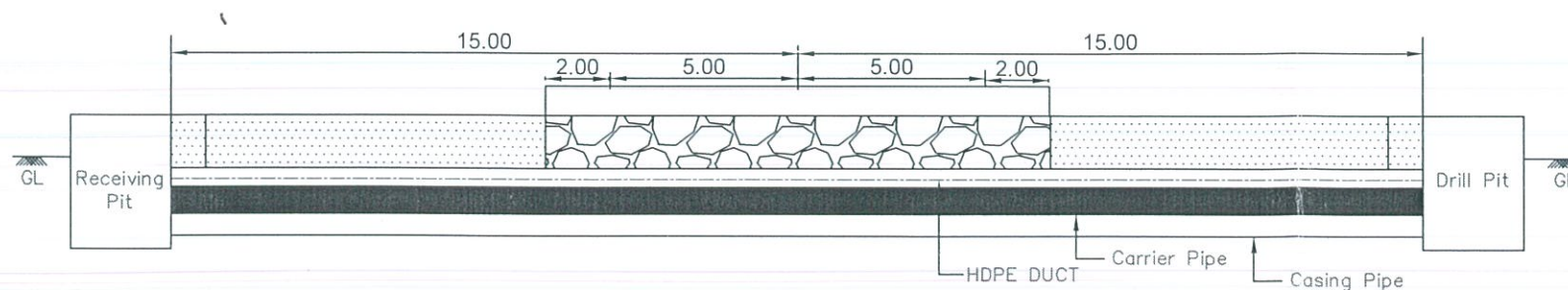
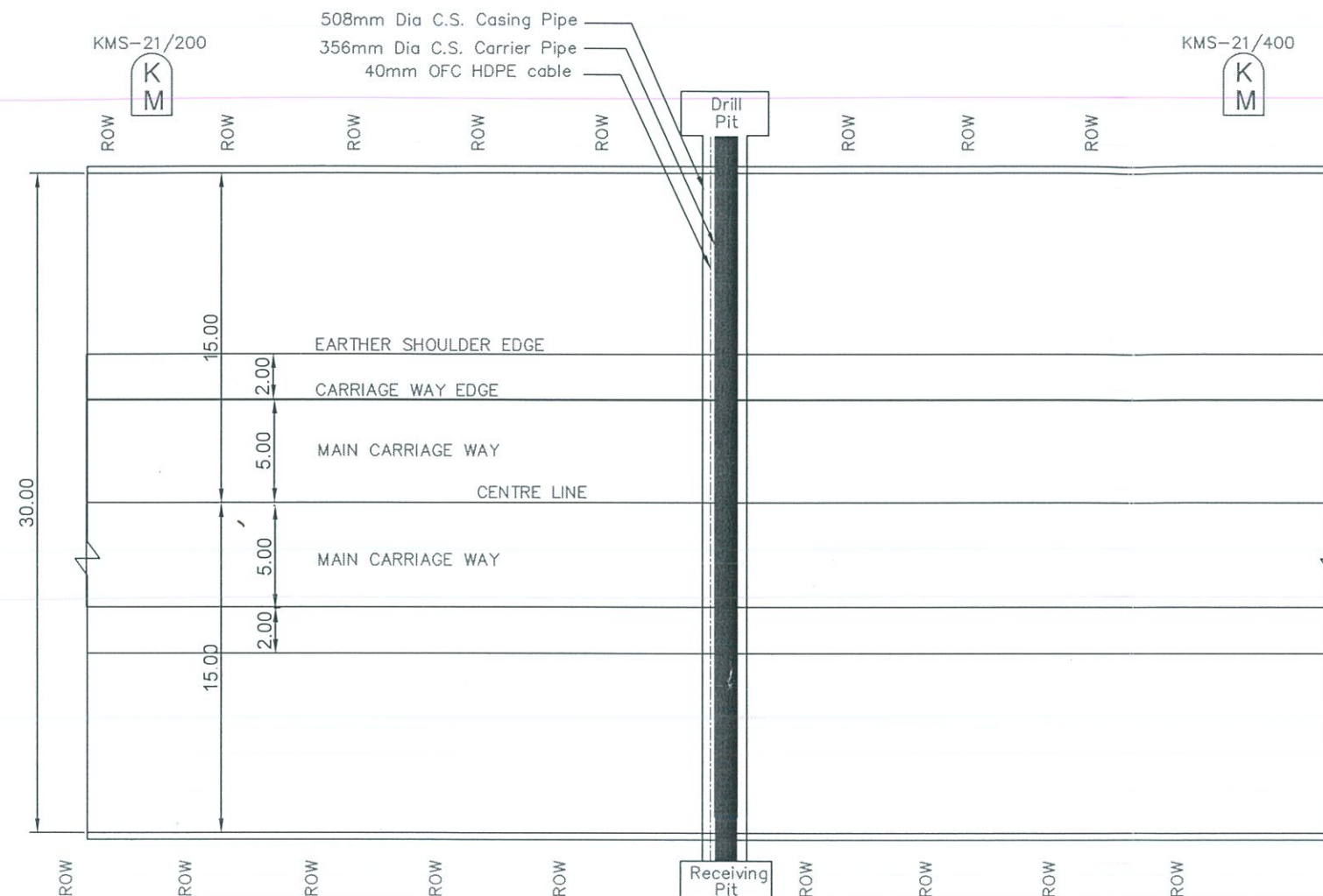
1	Type of utility	Gas pipe line
1A	In case any other at Sl. No.1, Mention the type of utility	NA
2	Category of utility	Industrial
3	Whether license fee calculation verified by Executive Engineer/Project Director and authorized representative of utility Service is enclosed or not	Yes
3A	Whether verified supporting document for calculation of license like prevailing circle rate for land per unit area enclosed and checked or not	Yes
4	Whether performance bank guarantee calculation as per ministry guideline dated 22.11.2016 by Executive Engineer /Project Director and authorized representative of utility service is enclosed or not	Yes
5	Whether the proposal mention details about the various safety clearance from the respective authority such as Directorate of Electricity, Chief controller of Explosive, Petroleum and Explosive safety organization ,Oil industry safety Directorate, State/central pollution control Board and any other statutory clearance as applicable or not	Yes
6	Whether verified linear line diagram indicating all road feature like the centre line ,carriageway edge, earthen should ,Service road(if any),drain (if any),Row etc by Executive Engineer of concerned Division /project Director of PIU have been enclosed or not	Yes
7	Whether draft license deed in original signed by Authorized representative of utility service along with two witness is enclosed or not	Yes
8	Whether proposal utility service confirm the guideline issued wide ministry letter No.RW/NH-33044/29/2018 S&R dated 22.11.2016 or not	Yes

Handwritten signature
A. H. H. H.

Handwritten signature
Executive Engineer
(R & B) NH Division,
Kalwakurthy

Handwritten signature
IMTIYAZ ARSHAD
General Manager - Pipeline Project
HINDUSTAN PETROLEUM CORPORATION LIMITED
Modul No 202 - ECL - 102 - SIC-EMDBP Building
Kamalanagar, Dr. A.S. Rao Nagar - ECL (P.O., HYDERABAD - 500015)

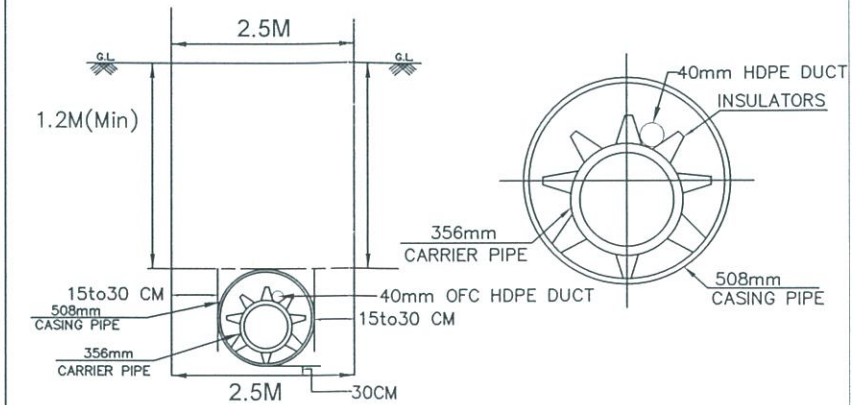
Pipeline Alignments are Crossing the NH-167



Cross Section (A - A)

NOTE :

1. All Levels And Chainages Are In Meters.
2. Do Not Scale This Drawing Only Written Dimensions Shall Be Followed.
3. The Exact Alignment Of Pipe Line Shall Be As Per Site Conditions.
4. Average Cover Of 1.2 M Is Maintained.



Enlarged Detailed Drawing

SNO	Chainage	Casing Pipe Dia	Carrier Pipe Dia	Remarks
1	21.300	508mm Dia	356mm Dia	

LEGEND

PROPOSED ALIGNMENT	BRIDGE/CULVERT
GL	MAINHOLE
PIPE INVERT LEVEL	CHAINAGE
PIPE TOP LEVEL	COMPOUND WALL
HGL	EMBANKMENTS & CUTTING
ASPHALT, CC & MUD ROAD	HP, BORE WELL & VALVE
C C ROAD	TEMPLE, MOSQUE & CHARCH
CANAL	WATER BOADIES, NALA
ELECTRIC, TELEPHONE, LAMP POLE	TREES COCONUT & OTHERS

PROJECT : DETAILED ROUTE SURVEY
HASSAN CHERLAPALLY LPG PIPELINE

CLIENT : HINDUSTAN PETROLEUM CORPORATION LTD.
MUMBAI - 400001

CONTRACTOR : S.K.P. PROJECTS PVT. LTD.

JOB NO :	TITLE :	SCALE :
NAME SIGN DATE	PLAN & SECTION OF NH NH-167 crossing @ Gangapur Ch. 21+300	Hor: -1:4000 Ver: -1:400
DSGN		PROJECTION :
DRWN		
CHKD		

DRAWING NO. SHEET : 01 OF 01 REVISION : 0

RELEASED FOR: ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☐ CONSTRUCTION

J. E. Kulkarni
dw.

इमतिआज़ अरशद/IMTIYAZ ARSHAD
महाप्रबंधक-पाइपलाइन परियोजनाएँ
General Manager-Pipe Line Projects
हसन चेरलापल्ली एल पी जी पाइपलाइन
Hassan Cherlapalli LPG Pipe Line
हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
Hindustan Petroleum Corporation Ltd.