



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

**National Highways Authority of India**

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्रप्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क. २१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८, आंध्रप्रदेश

Plot No. 21, Teachers' Colony, Gurunanak Nagar Road, Vijayawada-520 008, A.P.

दूरभाष / Tele : 0866-2483910

ई-मेल / E-mail : rovijayawada@nhai.org

nhairovja@gmail.com



भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/ Oil PE/2021/ 2444

Date: 05.10.2021

To

The Sr. Technical Director,  
NIC, Transport Bhawan,  
New Delhi- 110001.

Sub : Six laning of Chilakaluripet to Nellore (Km. 1182.802 to Km. 1366.547) (Length 183.620) in the section of NH-5 (NH-16) constructed on BOT basis in the state of Andhra Pradesh - Permission for laying of 16 inch Dia underground multi-product petroleum pipeline along with 40 mm dia HDPE ducts for Optical Fiber Cable (OFC) through 22-inch casing pipe at Km.1258+855 across NH-16 - Reg.

Sir,

Please find enclosed herewith the proposal of M/s.BPCL, for laying of 16 inch Dia underground multi-product petroleum pipeline along with 40 mm dia HDPE ducts for Optical Fiber Cable (OFC) through 22-inch casing pipe at Km.1258+855 across Chilakaluripet to Nellore of NH-16 in the state of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R (R) dated 22<sup>nd</sup> November 2016, the application along with the recommendation of PD, PIU - Nellore are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

Encl: As above

Yours faithfully,

(R.K. Singh)

Regional Officer  
RO - Vijayawada

Copy to:

- PD, PIU - Nellore
- M/s.BPCL



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

**National Highways Authority of India**

(Ministry of Road Transport & Highways)

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भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

Ref: NHA/RO-VJA/

Oil PE/2021/2445

Date: 05.10.2021

### INVITATION OF PUBLIC COMMENTS

Sub : Six laning of Chilakaluripet to Nellore (Km. 1182.802 to Km. 1366.547) (Length 183.620) in the section of NH-5 (NH-16) constructed on BOT basis in the state of Andhra Pradesh - Permission for laying of 16 inch Dia underground multi-product petroleum pipeline along with 40 mm dia HDPE ducts for Optical Fiber Cable (OFC) through 22-inch casing pipe at Km.1258+855 across NH-16 - Public Comments - Reg

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The Project Director, PIU - Nellore has submitted a proposal of M/s.BPCL, for laying of 16 inch Dia underground multi-product petroleum pipeline along with 40 mm dia HDPE ducts for Optical Fiber Cable (OFC) through 22-inch casing pipe at Km.1258+855 across Chilakaluripet to Nellore of NH-16 in the state of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R( R) dated 22<sup>nd</sup> November 2016, the Highway Administration will put out the application in the Public Domain for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

3. In view of the above, the comments of public, if any, on the above-mentioned proposal is invited on below mentioned address.

Regional Officer - Vijayawada,  
National Highways Authority of India,  
Plot No.21, Teachers' Colony, Gurunanak Nagar Road,  
Vijayawada, Andhra Pradesh. Pin: 520 008.  
Email: [rovijayawada@nhai.org](mailto:rovijayawada@nhai.org)

(R.K. Singh)  
Regional Officer  
RO - Vijayawada



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways)  
परियोजना कार्यान्वयन ईकाई, नेल्लोर, आंध्रप्र.  
Project Implementation Unit, Nellore, A.P.  
जी.एन.टी रोड, के साथ बाईपास रोड जंक्शन, वेदयापालेम, नेल्लोर-५२४ ००४, आंध्रप्र.  
Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.

दूरभाष / Tele : 0861-2366040  
ई-मेल / E-mail : nel@nhai.org,  
nhainel@gmail.com



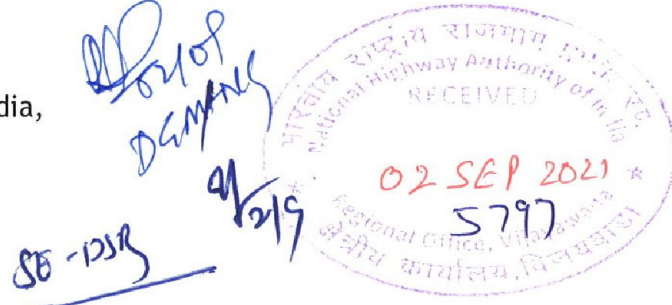
भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

Ref: 1200/OFC/NHAI/PIU/NELLORE/2021- 1185

Dated: 25.08.2021

To  
The Regional Officer,  
National Highways Authority of India,  
Plot No. 21, Teachers Colony,  
Gurunank Nagar Road,  
Vijayawada - 520 008.

Sir,



Sub: NHAI, PIU, Nellore - Six laning of Chilakaluripet to Nellore section of NH-5 from Km.1182.802 to Km.1366.547 (length 183.620) in the State of Andhra Pradesh under NHDP Phase V to be executed as BOT (Toll) project on DBFOT pattern - Laying of 16 inch Dia underground multi-product petroleum pipeline along with 40 mm dia HDPE ducts for Optical Fiber Cable(OFC) at Km. 1258+855 - Approval - Requested - Reg.

Ref: 1. M/s BPCL letter no. BPCL.KHPL.NH.AP.01 dated 27.01.2020  
2. This office letter no. 170 dated 01.02.2021.  
3. M/s. Aarvee Associates Pvt Ltd, Singarayakonda letter no. AA/TL/CN/NH-16/PIU/2191/21-22/361, dated 18.03.2021.  
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With reference to the subject cited above, it is to inform that M/s. BPCL vide reference 1<sup>st</sup> cited above, has submitted proposal to this office for granting of ROW permission for Laying of 16 inch Dia underground multi-product petroleum pipeline along with 40 mm dia HDPE ducts for Optical Fiber Cable(OFC) at Km. 1258+855 on Chilakaluripet to Nellore section of NH-16 and requested this office for approval of the same.

2. This office vide reference 2<sup>nd</sup> cited above, has forwarded the proposal to IE, M/s Aarvee Associates Pvt Ltd, Singarayakonda to examine the proposal as per MoRTH guidelines and furnish necessary comments/ recommendations to this office.

3. M/s. Aarvee Associates Pvt Ltd, Singarayakonda vide reference 3<sup>rd</sup> cited above has recommended the proposal as below-

- The existing roads should not be damaged and for road crossing HDD method has to be adopted.
- It is advisable to take care of the underground utilities while making the boring pits on both sides of the NH beyond the RoW(preferable by manual excavation)

In this connection, the proposal submitted by M/s. BPCL, has been examined light of MORT&H circular dated 22.11.2016 and it is to inform that:

4

The applicant has submitted:

- (i) Checklist
- (ii) Undertaking for submission of Performance Bank Guarantee @ Rs.250/- per route meter
- (iii) Undertaking for Shifting / Relocation of O.F. Cable (as per Sl.No.5 of Check list)
- (iv) Draft license agreement regarding granting of ROW permission for laying telecom cable / O.F. Cable / ducts Plan showing proposed pipeline crossing.
- (v) Indemnity Bond.
- (vi) Draft Agreement.
- (vii) Key map
- (viii) Route Strip plans
- (ix) Calculations for amount to be paid to NHAI towards license fee.

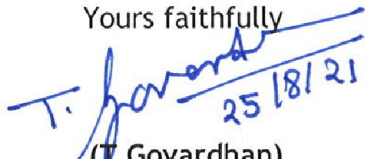
As per the submitted plan, the applicant has proposed to lay the underground pipeline by Horizontal Boring methodology across the project highway. Applicant has submitted the typical cross section of pipeline proposed to lay across the highway by Horizontal boring with methodology.

The proposal is found to be in order as per MORT&H norms circular RW/NH-33044/29/2015/S&R (R), dated 22.11.2016. The proposal along with the copies of all the above mentioned documents is herewith submitted and it is recommended for approval of the Competent Authority for Laying of OFC across the Highway at Km.1258+855 of Chilakaluripet to Nellore section of NH-16 in the state of Andhra Pradesh at earliest please.

Thanking You

Encl: As above.

Yours faithfully

  
(T Govardhan)  
Project Director  
NHAI, PIU, Nellore

## CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of Optical Fibre Cable and confirms all the standard conditions satisfied issued Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. It is certified that any other location utility line would be extremely difficult and unreasonable costly and installation of utility line within RoW will not adversely affect the design, stability & traffic safety of highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc.
3. Supervision of the work of laying of utility will be done by the Independent Engineer and it will be ensured that the defects in road portion and corrected after laying of utility.
4. It will be ensured that proposed permission is entered in the register of records.

  
(T Govardhan)  
Project Director  
NHAI, PIU, Nellore

IE Services during O&M period for 6-lane  
Chilakaluripet - Nellore section of NH-16 in the state  
of Andhra Pradesh on DBFOT pattern

Letter No. AA/TL/CN/NH-16/PIU/2191/21-22/361

18.03.2021

To  
The Project Director  
Project Implementation Unit,  
National Highway Authority of India  
Nellore, Andhra Pradesh.

**Sub:** Independent Engineer Services during Operation & Maintenance Period for Chilakaluripet to Nellore section of NH-16 from Km 1182 + 802 to Km.1366 + 547 under NHDP, Phase V to be executed as BOT (toll) project on DBFOT pattern in the state of Andhra Pradesh – **Permission for laying 16 inch dia underground multi-product petroleum pipeline along with 40mm dia HDPE ducts for Optical Fiber Cable(OFC) across NH-16 Vijayawada-Chennai road at Km.1258.856 – Reg.**

**Ref:** 1.11011/2.0//Vol.1/C-N/NHAI/PIU/NELLORE/2021-170 dated 01.02.2021

Dear Sir,

With reference to the above proposal a joint survey was carried out along with the BPCL field Engineers and the Concessionaire. we could find that there is no overground obstructions at the proposed road crossing location at chainage 1258.856 by the proposer, to take the 16 inch dia underground multi product petroleum pipeline along with 40mm dia HDPE ducts for Optical Fiber Cable(OFC) across NH-16.

The following necessary precautions may be taken by the proposer while executing the work:

- The existing roads should not be damaged and for road crossing HDD method has to be adopted.
- It is advisable to take care of the under ground utilities while making the boring pits on both sides of the NH beyond the ROW (preferably by manual excavation).
- We are retaining the documents attached to the proposal for our future record.

This is for your information and here with we recommend your good office to give permission for the proposal.

With best regards,

For Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.

  
(Sudhiranjan Satpathy)

Team Leader, Chilakaluripet-Nellore section, NH-16  
Singarayakonda office.

**Encl:** Site Photographs

**Copy:** 1. The IE, Aarvee Associates, Hyderabad.- for your information.

*Operation and Maintenance of Chilakaluripet- Nellore Section of NH-16 from 1182.802 to 1366.547 (Length 183.620) in the state of Andhra Pradesh*

*Project-Photographs*



*Site Photographs at Km.1258.856*

# भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार का उपक्रम)

कृष्णापट्टनम - हैदराबाद पाइपलाइन परियोजना

8-2-618/2, दूसरा तल, रिलैयन्स हमसफर भवन,  
रोड नं 11, बंजारा हिल्स, हैदराबाद -500 034



*energising lives*

**Bharat Petroleum Corporation Limited**

(A Govt. of India Enterprise)

**Krishnapatnam - Hyderabad Pipeline Project**

8-2-618/2, 2nd Floor, Reliance Humsafar Building,  
Road No.11, Banjara Hills, Hyderabad - 500 034.

BPCL.KHPL.NH.AP.01

DT. 27.01.2020

**The Project Director  
National Highways Authority of India,  
Project Implementation Unit,  
SPSR Nellore, Andhra Pradesh**

**Subject :** Krishnapatnam – Hyderabad Pipeline Project of M/s Bharat Petroleum Corporation Limited: **Request for granting permission for laying of 16 inch Dia underground multi-product petroleum pipeline along with 40 mm dia HDPE ducts for Optical Fiber Cable (OFC) across NH-16 Vijayawada- Chennai Road at Ch. 1258.855 Km coming under your jurisdiction in the state of Andhra Pradesh.**

Sir,

We, **Bharat Petroleum Corporation Limited**, a Govt. of India Enterprise under the aegis of **Ministry of Petroleum & Natural Gas**, are the second largest company in the country effecting the supplies of essential commodities like MS, HSD and SKO etc. to civilian as well as various Government Agencies. We propose to lay a 450 KMs long cross-country multiproduct pipeline from our under construction Coastal import terminal at Krishnapatnam Port at Nellore in Andhra Pradesh state to our proposed terminal near Madaram Village, Ghatkesar Mandal, Medchal Malkajgiri District in Telangana State. The said pipeline is being laid for transportation of finished petroleum products from our refineries at Mumbai and Kochi. The proposed pipeline shall pass through the districts of Nellore, Prakasam and Guntur of Andhra Pradesh. The approximate length of pipeline in Andhra Pradesh state is 335 KMs.

We wish to inform that Petroleum and Natural Gas Regulatory Board (PNGRB), a regulatory board under MoPNG, has issued Letter of Intent authorizing us to execute the project vide letter no.:PNGRB/Auth/3-PPPL(10)/2019 dated 17-Feb-2020. Copy enclosed as Annexure-1.

The proposed 16" diameter, Carbon steel, API 5L Gr X65, pipeline, along with one OFC cable on both sides of the pipeline, is intended to cross the NH-16 Vijayawada- Chennai Road at Ch. 1258.855 Km which is under your jurisdiction, in the state of Andhra Pradesh. The pipeline is proposed to be laid at a minimum depth as defined in Oil Industry Safety Directorate [OISD] standards and Petroleum & Natural Gas Regulatory Board [PNGRB] guidelines.

We would like to assure you that all necessary safety precautions will be ensured and followed during the laying of pipeline across and location shall be restored back to its normal position after laying the pipeline.

As you are kindly aware, pipeline transportation of hydrocarbons is not only the safest and the most economically viable alternative for transport of energy thereby reducing strain on public transport systems but also helps curb pollution.

रजिस्टर्ड ऑफिस: भारत भवन, 4 और 6 करीमभाँय रोड, बेलार्ड इस्टेट, पोस्ट बॉक्स नं. 688, मुंबई-400 001  
दूरभाष: 022-22713000, 22714000. फेक्स: 022-22713874

Registered Office: Bharat Bhavan, 4 & 6 Currimbhoy Road, Ballard Estate, P. B. No. 688, Mumbai-400 001.

Ph: 022-22713000, 22714000. Fax: 022-22713874

Krishnapatnam – Hyderabad Pipeline Project of Bharat Petroleum Corporation Limited is of national importance and is being implemented in a time bound manner. This ambitious project will be monitored closely by the Ministry of Petroleum & Natural Gas in the Govt. of India. Pipeline infrastructure development will also contribute to national prosperity for Socio-economic needs. Therefore, most expeditious actions are requested to kindly accord necessary permission for crossing the NH-16 Vijayawada- Chennai Road at Ch. 1258.855 Km under your jurisdiction as per the above, on priority to enable BPCL to complete the project as per time schedules. BPCL shall bear the necessary fee / charges as applicable.

Thanking you.

Yours faithfully,  
For **BHARAT PETROLEUM CORPORATION LTD.**



**B. MANOHAR**  
**PROJECT LEADER**  
**KRISHNAPATNAM – HYDERABAD PIPELINE PROJECT**  
**HYDERABAD.**

**PROJECT LEADER**  
Krishnapatnam Hyderabad Pipeline Project  
Bharat Petroleum Corporation Limited  
8-2-618/2, 2nd Floor, Reliance Humsafar Building,  
Road no. 11, Banjara Hills, Hyderabad - 500034

CHECK LIST	
Guidelines for Project Directors/ Divisional Engineer / Executive Engineer for processing the proposal for laying petroleum pipeline and OFC in the land National Highway	
Relevant circulars :	
1.	Ministry circular No. NH-III/P/66/76 dated 18-11-1976
2.	Ministry circular No. RW-NJ-III/P/66/76 dated 01-05-1982
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-34066/2/95/S&R dated 25-10-1999
6.	Ministry Circular No. RW/NH-34066/7/2003 S&R (B) 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 Petroleum pipeline With OFC on NH land**

S.No.	Item	Information/Status	Remarks
1	General Information	Bharat Petroleum Corporation Limited Intends to lay Multi-product petroleum Pipeline with OFC From Krishnapatnam – Hyderabad. This Proposal is for Permission for laying the pipeline across NH-16 at Ch. 1258.855 Km in the State of Andhra Pradesh. The pipeline at this crossing will be laid at a minimum depth of 1.5 Mtr. Below the nature ground level, by Horizontal Boring Method, along with 40 mm dia HDPE duct for OFC.	
1.1	Name and address of the Applicant/Agency	Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project, 8-2-618/2, 2nd Floor, Reliance Humsafar Building Road No. 11, Banjara Hills, Hyderabad – 500 034	
1.2	National Highway Number	NH-16	
1.3	State	Andhra Pradesh	
1.4	Location	Chainage Between KM 1258 and 1259 KM at Village- Valluru Mandal Tangutur, District- Prakasam	
1.5	(Chainage in km)	1258.855 Km	
1.6	Length in Meters	60	
1.7	Width of available ROW	60	
	(a) Left side from center line towards increasing chainage/km direction	NH Crossing	

	(b) Right side from centre line towards increasing chainage/km direction	NH Crossing	
1.8	Proposal to lay underground petroleum pipeline along with OFC for supply of petroleum products	Pipeline will be laid across NH at this location.	
	(a) Left side from center line towards increasing chainage/km direction	NA	
	(i) Right side from centre line towards increasing chainage/km direction	NA	
1.9	Proposal to acquire land	No NH land 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	NA	
	If not then where to lay the cable.	NA	
1.11	Details of already laid services, if any along the proposed route		
1.12	Number of existing lanes (2/4/6/8 lanes).	4	
1.13	Proposed number of lanes (2 lane with paved shoulders/4/6/8 lanes).	-	
1.14	Service road existing or not	NO	
	If yes then which side		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.15	Proposed service road		
	(a) Left side from center line		
	(c) Right side from center line		
1.16	Whether proposal to lay the petroleum pipeline is after	NA	

	the service road or between the service road and main carriage way		
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	
1.19	If crossings of the road involved If yes, it shall be either encased in pipes or through structure or conduits specially built for the purpose at the expenses of the agency owing the line	Yes Crossing will be done Horizontal Boring Method	
	(a) Whether existing drainage structures are allowed to carry petroleum pipeline	No	
	(b) It is on a line normal to NH	Yes	
	(c) What is the distance of crossing the petroleum pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, minimum distance being 15 meter.	Greater than 15 M	
	(d) The casing pipe(or conduit pipe in the case of electric cable) carrying the petroleum line shall be of steel, cast iron,	Carrier pipeline will be laid in a steel casing pipe of 22" dia.	

	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.		
	(e) Ends of 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 1.2 meters 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 crossings of road for the proposed Sewage/gas pipe line. Crossings shall be by boring method(Trenchless Technology), specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	Crossing shall be done Horizontal boring Method	
	(i) The casing/conduit pipe shall be	Yes	

	installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.		
2	Document/Drawings to be enclosed with the proposal	Yes	
2.1	<p>Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep *0.3m wide)</p> <ul style="list-style-type: none"> <li>i. Should not be greater than 60cm wider than the outer diameter of the pipe</li> <li>ii. Located as close to the extreme edge of the right of way as possible but not less than 15m from the center lines of the nearest carriageway</li> <li>iii. Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall be laid over the existing culverts and bridges.</li> <li>iv. These should be so laid that their top is least 0.6m below the ground level so as not to obstruct drainage of the road land.</li> </ul>	Not applicable	
2.2	Cross section showing the size of pit and location of cable for Cased Crossing method	Attached	
2.3	Strip plan/Route plan showing the petroleum/Gas pipe line, chainage, width of ROW, distance of proposed pipe line from the edge of	Incorporated in the Drawing	

*10/11*

*[Signature]*

	ROW, important mile stone, intersections, cross drainage works etc.		
2.4	Methodology for laying of the petroleum pipe line.	Crossing will be done Horizontal boring Method -detailed procedure attached	
2.4.1	Open trenching method. (may be allowed in the petroleum 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 30cm, 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 at a depth of not less than 30cm. it shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without a 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 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 15cm layers each consolidated by mechanical	NA	

Cor

PROJECT LEADER

Krishnapatnam Hyderabad Pipeline Project  
Bharat Petroleum Corporation Limited  
8-2-618/2, 2nd Floor, Reliance Humsafar Building,  
Road no. 11, Banjara Hills, Hyderabad - 500034

	tempering and controlled addition of moisture to 95% of the proctor's density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted		
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	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 petroleum line.	NA	
2.4.2	Horizontal directional drilling (HDD) method.	Horizontal boring Method	
2.4.3	Methodology for laying of pipe line through CD works and method of laying. In cases where the carrying of gas pipe line on the bridge becomes inescapable.	NA	
3	Draft license Agreement is signed by two witnesses	Yes, Enclosed	
3.1	The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016	Enclosed	
4	Whether performance Bank	Bharat Petroleum Corporation Limited Will	An

OK

	guarantee as per Ministry's circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 is obtained	be pay Bank guarantee as intimated by NHAI / Authorized Agency	undertaking for agreement is attached here with
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	Yes	An undertaking for agreement is attached here with
5	Affidavit/ Undertaking from the Applicant for the following is to be furnished		
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, Enclosed	
5.2	Undertaking for Renewal of bank guarantee as and when asked by MoRTH/NHAI.	Yes, Enclosed	
5.3	Undertaking for confirming all standard condition of Ministry circulars and NHAI's guidelines.	Yes, Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	Yes, Enclosed	
5.5	Undertaking for management of traffic movement during laying of petroleum line without hampering the traffic	Yes, Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	Yes, Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work for installation, shifting or repairs, or alterations to the petroleum located in the National Highway right-of-ways.	Yes, Enclosed	

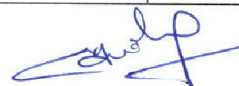
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5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the petroleum line will be borne by the applicant agency owing the line.	Yes, Enclosed	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016	Yes, Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive safety Organization, Oil Industry safety Directorate, State/Central pollution control board and any other statutory clearances as applicable, before applying to Highway Administration	Yes, Enclosed	
5.11	If the MoRTH/NHAI consider it necessary in future to move the petroleum line for any work of improvement or repairs to the road, it will be carried out as desired by the MoRTH/NHAI at the cost of the agency owing the petroleum line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, Enclosed	
5.12	Certificate from the applicant in the following format (i) laying of Gas pipe line will not have any deleterious effects on any of the bridge	Enclosed	

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	components and roadway safety for traffic. (ii) "We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development."		
6	Who will sign the agreement on behalf of petroleum product pipe line agency.	B. MANOHAR PROJECT LEADER, Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project, 8-2-618/2, 2nd Floor, Reliance Humsafar Building Road No. 11, Banjara Hills, Hyderabad – 500 034	
	Power of Attorney to sign the agreement is available or not	Available	
7	The project Director will submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide Ministry's circular No: RW/NH-33044/29/2015/S&(R) dated 22.11.2016	Yes/No	
7.2	Certificate from PD in the following format (i) " It is certified that any other location of the Gas pipe line would be extremely difficult and unreasonable costly and the installation of Gas pipe line 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."	Yes/No	

12/11




**PROJECT LEADER**

Krishnapatnam Hyderabad Pipeline Project  
Bharat Petroleum Corporation Limited  
8-2-618/2, 2nd Floor, Reliance Humsafar Building,  
Road no. 11, Banjara Hills, Hyderabad - 500034

	<p>(ii)for 6-lanning</p> <p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location".</p> <p>(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lining".</p>		
8	<p>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 License has been granted the right to lay Gas Pipeline/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 license shall honour the same."</p>	Yes	
9	Who will supervise the work of laying of Gas pipe line		
	(a) On behalf of the Applicant	Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project.	
	(b) On behalf of the MoRTH/NHAI	Project Director- NHAI/Consultant	
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	PROJECT LEADER, Bharat Petroleum	

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	applicant	Corporation Limited Krishnapatnam – Hyderabad Pipeline Project.	
	(b) On behalf of NHAI		
11	Who will pay the claims for damage done/disruption in working of concessionaire if asked by the concessionaire		
	On behalf of the applicant	PROJECT LEADER, Bharat Petroleum Corporation Limited Krishnapatnam – Hyderabad Pipeline Project.	
12	A certificate from PD that he will enter the proposed permission in the register of record of the permission in the prescribed proforma (copy enclosed)	Yes	
13	If any various approval is accorded for laying of underground Gas pipe line then Photocopy of register of records of permission accorded ( as maintained by PD) be enclosed.		

  
**PROJECT LEADER**  
 Krishnapatnam Hyderabad Pipeline Project  
 Bharat Petroleum Corporation Limited  
 8-2-618/2, 2nd Floor, Reliance Humsafar Building,  
 Road no. 11, Banjara Hills, Hyderabad - 500034

  
**Project Director**  
 NHAI, PIU, Nellore.