

No. RO/VJA/Misc.24/B/NH-544D/SI.no.104/202

Government of India

Ministry of Road Transport & Highways

Regional Office, Vijayawada

Door No.41-29-45A, 3rd & 4th floors, MORTH/NHAI Buildings, Ranigarithota,
Near Kanakadurga Varadhi, Krishnalanka, Vijayawada-520013. Tele: 0866-2571985

Dated: 02.06.2022

Invitation of Public Comments

Sub: Proposal for Permission for laying 16" dia. underground multi – product petroleum pipeline along with 40mm dia. HDPE ducts for OFC by M/s. Bharat Petroleum Corporation Limited at Km.348/375 of NH 544D of Kurnool-Narasaraopeta road in the State of Andhra Pradesh – reg.

Please find enclosed herewith the proposal in accordance with Ministry's latest guidelines dated 22.11.2016 forwarded by Chief Engineer(R&B), NH & CRF, AP vide letter dated 04.02.2022 for laying 16" dia. underground multi – product petroleum pipeline along with 40mm dia. HDPE ducts for OFC by M/s. Bharat Petroleum Corporation Limited for crossing at Km.348/375 of NH 544D of Kurnool-Narasaraopeta road in the State of Andhra Pradesh.

2. As per the guidelines, issued by the Ministry vide Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.16, the proposal for Highway crossing permission along & across National Highways 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.

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

The Regional Officer,
Ministry of Road Transport and Highways,
Door No.41-29-45A, 3rd & 4th floors,
MORTH/NHAI Buildings, Ranigarithota,
Near Kanakadurga Varadhi, Krishnalanka,
Vijayawada-520013, Email id: romorthvijayawada@gmail.com.

Yours Faithfully,

Encl: As above


(Venkataiah M)

Assistant Engineer,

For Regional Officer, MoRTH, Vijayawada

Copy to:

- 1) Senior Technical Director, NIC for uploading on the Ministry's website.
- 2) The Chief Engineer(R&B), NH & CRF, AP.
- 3) M/s Bharat Petroleum Corporation Limited, Krishnapatnam – Hyderabad Project, 8-2-618/2, 2nd floor, Reliance Humsafar Building, Road No.11, Banjara hills, Hyderabad - 500034.

**GOVERNMENT OF ANDHRA PRADESH
ROADS AND BUILDINGS DEPARTMENT**

From:

Sri V. Ramachandra, M.Tech,
Chief Engineer(R&B)
National Highways & CRF,
State HoD Offices Building,
MG Road,
Vijayawada - 520010

To:

✓ The Regional Officer,
MoRT&H, 4th Floor,
Near Kanaka Durga Varadhi,
Rani Gari Thota, KrishnaLanka,
Vijayawada - 520 013.



Lr. No. OFC & PtIm pipeline/NH544D/KM348.375/EENH/DEE1/AEE2/2022,Dt:04.02.2022

Sir,

Sub: R&B Department - National Highways - Krishnapatnam -
Hyderabad pipeline project of M/s Bharat Petroleum Corporation
Ltd. - Request for granting Permission for laying of 16" dia.
Underground Multi-Product Petroleum pipeline along with 40mm
dia. HDPE ducts for OFC across NH544D in Kurnool - Narasaraopet
Road @ KM348/375 - Proposals furnished - Permission requested -
Reg.

Ref: 1. Ministry circular no. RW/NH-33044/29/2015/S&R®, dated
22.11.2016
2. RO/MoRT&H/VJA, Ir. no. RO/VJA/Misc24BAccess/Utility/7,
dated 13.04.2017.
3. SE/NH/VJA, Ir. No. Road Cutting/Permission/OFC/NH544D/
AEE2/2021, dated 01.01.2022.

Adverting to the subject cited, it is to furnish that M/s Bharat
Petroleum Corporation Ltd. have applied for grant of permission for laying
16" dia. Underground Multi-Product Petroleum pipeline along with 40mm
dia. HDPE ducts for OFC across NH544D in Kurnool - Narasaraopet Road
@ KM348/375.

The license fee and Performance Bank Guarantee fee for the above
work are as below:

- License fee - Rs.515.00
- Performance Bank Guarantee fee: Rs.11,250.00

Further, the following are herewith furnished:

- The proposal is to lay 16" dia. Underground Multi-Product Petroleum pipeline along with 40mm dia. HDPE ducts for OFC across NH544D in Kurnool – Narasaraopet Road @ KM348/375.
- Total length of proposal is 0.045KMs across the road.
- There is one road crossing involved.
- The carriageway of the said stretch is 2Lane.
- The existing ROW is 45.00mts.
- The firm has proposed to 16" dia. Underground Multi-Product Petroleum pipeline along with 40mm dia. HDPE ducts for OFC through Horizontal Boring Method at a depth of 2.50Mts. from top of the road and at a depth of 1.50mts. from the top of adjacent natural GL.

The firm has submitted the checklist and all the undertakings required to be submitted for according permission and approval for laying OFC as stipulated vide references 1st and 2nd cited. A copy of the documents submitted by the firm is herewith furnished.

Therefore permission may be accorded for laying 16" dia. Underground Multi-Product Petroleum pipeline along with 40mm dia. HDPE ducts for OFC across NH544D in Kurnool – Narasaraopet Road @ KM348/375 so as to enable them to commence the laying of Optical Fibre Cable.

Encl.: booklets -2nos.

Yours sincerely,


for **Chief Engineer (R&B)**
National Highways & CRF
 4/2/22

Copy to

The Superintending Engineer(R&B), NH Circle, Vijayawada.

भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार का उपक्रम)

कृष्णापट्टनम - हैदराबाद पाइपलाइन परियोजना

8-2-618/2, दूसरा तल, रिलेयन्स हम्सफर 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.02

DT. 27.01.2020

Executive Engineer,
R&B Department, NH Division,
Vijaywada, 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-544D Kurnool - Narasaraopet Road at Ch. 348.375 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-544D Kurnool - Narasaraopet Road at Ch. 348.375 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 करीमभाय 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

भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
(भारत सरकार का उपक्रम)
कृष्णपट्टनम - हैदराबाद पाइपलाइन परियोजना



BHARAT PETROLEUM CORPORATION LIMITED.
(A Govt. of India Enterprise)
KRISHNAPATNAM - HYDERABAD PIPELINE PROJECT

BPCL.KHPL.NH.AP.03

DT. 07.10.2021

Asst. Executive Engineer(R&B),
NH Section
Narasaraopet, 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-544D Ananthapur- Guntur Road at Ch. 348.375 Km coming under your jurisdiction in the state of Andhra Pradesh.

Reference : 1. Our letter No. BPCL.KHPL.NH.AP.02 dated 27.01.2021
2. Your letter No. NH 544D/BPCL/2021 dated 30.09.2021.

Sir,

Reference above, we are submitting Calculation of License fees & performance Bank Guarantee 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-544D Ananthapur- Guntur Road at Ch. 348.375 Km in the state of Andhra Pradesh.

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 Road under your jurisdiction as per the above, on priority to enable BPCL to complete the project as per time schedules.

Thanking you.

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

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

Mobile: +91 9849230330

Email: manoharb@bharatpetroleum.in

Enclose: As above

रजिस्टर्ड ऑफिस: भारत भवन, 4 और 6 करीमभाय रोड, बेलार्ड इस्टेट, पोस्ट बॉक्स नं. 688, मुंबई-400 001 दूरभाष: 022-22713000, 22714000. फेक्स: 022-22713874
कार्यालय का पता: 264/A, पहला तल, जीएचबी हाउस (केनरा बैंक के ऊपर) रोड नं. 10, जुबिली हिल्स, हैदराबाद- दूरभाष 500 033: 040-29300400, 29300500, 9849230330

Registered Office: Bharat Bhavan, 4 & 6 Currimbhoy Road, Ballard Estate, P. B. No. 688, Mumbai-400 001. Ph: 022-22713000, 22714000. Fax: 022-22713874
Office Address: 264/A, 1st Floor, GHB House (Above Canara Bank), Road No. 10, Jubilee Hills, Hyderabad – 500 033. Ph: 040-29300400, 29300500, 9849230330

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-544D Kurnool - Narasaraopet Road at Ch. 348.375 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
8-2 613/2, 2nd Floor, Reliance Humatar Building,
Plot no. 11, Banjara Hills, Hyderabad - 500034

INSPECTIONREPORT

The proposal of "laying of BPCL multi-product Petroleum pipeline proposed to lay 16-inch Dia Underground Multi-product Petroleum pipeline along with 40mm HDPE Ducts for Optical Fiber Cable (OFC) at Km 348/4 of Ananthapur – Guntur Section Road of NH-544D to Cross road by Horizontal Boring Method in jurisdiction of (R&B) NH Division, Vijayawada submitted by Bharat Petroleum Corporation Limited and site inspection report is as follows on date: 7.10.2021

The total length of the BPCL Petroleum Pipeline to be laid across the road at Km Km 348/4 of NH- 544D by Horizontal Boring Method is 45 Mtr.

The firm has proposed that the BPCL Petroleum pipeline shall be laid through 22 Inch Dia. MS casing by Boring Method at a depth of 2.5 Mts (Minimum) from top of the road and at a depth of 1.50 Mts from top of adjacent natural ground level.

1. The ROW of the road varies from 45 Mts in the location
2. Restoration of trench should be done by the agency as specified by the Ministry Vide F.No RW/NH-33044/29/2015/S&R(R) Dt: 22-11-2016.
3. The agency has submitted under taking for the submission of Performance Bank Guarantee. Indemnity Bond. Certificate for relocation of pipeline in case of Laning of the road and under taking to comply with the MoRT&H Guidelines.
4. The Methodology of laying pipeline and other documents submitted by the agency is attached here with.
5. Proposed pipeline shall cross normal to the road.

CR C
initials

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopeta

3/11/21

Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

21/11/21
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

21/11/21

CERTIFICATE

This is to certify that the proposal for laying of 16 inch Dia underground Multi- Product Petroleum pipeline along with 40 mm dia HDPE ducts for Optical Fiber Cable (OFC) in a 22 inch dia casing pipe, across National Highway-544D at chainage Km 348.375 in R&B, NH Division, Vijayawada of Andhra Pradesh state for "Krishnapatnam Hyderabad pipeline project" satisfies all standard conditions as per MoRTH&H Guidelines Vide Letter No. RW/NH-39044/29/2015/S&R (R); Date: 22/Nov/2016 .

CP 21/11/16

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet

21/11/16

Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR

21/11/16
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

21/11/16
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

21/11/16



पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड
Petroleum and Natural Gas Regulatory Board
प्रथम-तल, वर्ल्ड ट्रेड सेंटर, बाबर रोड, नई दिल्ली 110001
1st Floor, World Trade Centre, Babar Road, New Delhi – 110001
फैक्स नं / . Fax No. 91 11 23709151; E-mail contact@pngrb.gov.in

Ref: PNRB/Auth/3-PPPL(10)/2019

Date: 17.02.2020

To

Bharat Petroleum Corporation Limited

[Kind Attn.: Shri D Raj Kumar, C&MD]

Bharat Bhawan 4 & 6, Currimbhoy Road,

Ballard Estate,

Mumbai - 400 001

Email: cmd@bharatpetroleum.in

**Subject: Letter of Intent for Grant of Authorization of Krishnapatnam -
Hyderabad Petroleum & Petroleum Products Pipeline to Bharat
Petroleum Corporation Limited (BID/PPL/05/2019/01/KHPL)**

Sir,

Kindly refer the bid submitted by the Bharat Petroleum Corporation Limited (BPCL) for the proposed Krishnapatnam - Hyderabad Petroleum & Petroleum Products Pipeline against the Bid No. BID/PPL/05/2019/01/KHPL. After opening of financial bid on 13.12.2019, BPCL has been selected for Grant of Authorization for Krishnapatnam - Hyderabad Petroleum & Petroleum Products Pipeline, as per the extent shown in the map of the application - cum - bid document.

2. You are, therefore, requested to submit the Performance Bond of Rs. 13.77 Crore as per the provisions of Regulation 8 of the PNRB (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010 within 15 days from the date of this Letter of Intent so that Grant of Authorization in Schedule-D format of the PNRB (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010 could be issued.

3. Grant of Authorization shall be governed by the provisions of the relevant Regulations, various terms & conditions contained in the 'Application cum Bid document' including the clarifications issued by PNRB w.r.t. Bid No. BID/PPL/

05/2019/01/KHPL and Schedule-D of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010.

4. Kindly acknowledge receipt of this letter and arrange to furnish the Performance Bond within the due date.

Yours faithfully



(Arvind Kumar)

Additional Adviser

13/2/2020


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

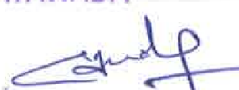
S.No.	Item	Information/Status	Remarks
1	General Information	Bharat Petroleum Corporation Limited Intends to lay Multi-product petroleum Pipeline with OFC From Krishnapatnam – Hyderabad. This Proposal is for Permission for laying the pipeline across NH-544D at Ch. 348.375 Km in the State of Andhra Pradesh. 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-544D	
1.3	State	Andhra Pradesh	
1.4	Location	Chainage Between KM 348 and 349 KM at Village- Kamepalle Mandal Santhamaguluru, District- Prakasam	
1.5	(Chainage in km)	348.375 Km	
1.6	Length in Meters		
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	NH Crossing  EXECUTIVE ENGINEER (R&B) N.H. DIVISION, VIJAYAWADA	


Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet



Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR

Page 1 of 12

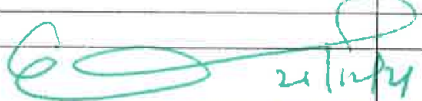

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.


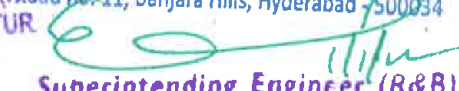

PROJECT LEADER
Krishnapatnam Hyderabad Pipeline Project
Bharat Petroleum Corporation Limited
8-2-618/2, 2nd Floor, Reliance Humsafar Building,
Road no. 11, Banjara Hills, Hyderabad - 500034

	(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 2	
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	

CP 
Assistant Executive Engineer (R&B)
NH Section : Narasaraopet


Page 2 of 12
Deputy Executive Engineer (R&B)
N.H. Sub-Division, GUNTUR


EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA


PROJECT LEADER
Krishnapatnam Hyderabad Pipeline Project
Bharat Petroleum Corporation Limited
8-2-518/2, 2nd Floor, Reliance Humsafar Building,
Road No. 11, Banjara Hills, Hyderabad - 500034

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

	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.	

CP 21/10/14

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet

21/10/14

Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR

EXECUTIVE ENGINEER (R&B)

N.H. DIVISION, VIJAYAWADA

21/10/14

Page 3 of 12

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

Superintending Engineer (R&B)

	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	

CR 14/10/24
Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet

31/11/24
Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR

Page 4 of 12

21/11/24
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA
21/12/24
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
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

	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	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep * 0.3m wide) i. Should not be greater than 60cm wider than the outer diameter of the pipe 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 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. 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.	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	

CR
14/10/14

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet


Aditya
21/10/14

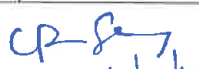
Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR

PROJECT LEADER

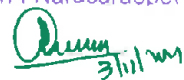
Krishnapatnam Hyderabad Pipeline Project
Bharat Petroleum Corporation Limited
8-2-618/2, 2nd Floor, Reliance Humsafar Building,
Road no. 11, Banjara Hills, Hyderabad - 500034

Superintending Engineer (R&B)
N.H. Circle, Vijayawada


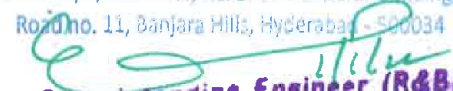
	ROW, important mile stone, intersections, cross drainage works etc.		
2.4	Methodology for laying of the petroleum pipe line.	Crossing will be done Horizontal boring Method -detailed procedure attached	
2.4.1	Open trenching method. (may be allowed in the petroleum corridor only where pavement is neither 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  EXECUTIVE ENGINEER (R&B) N.H. DIVISION, VIJAYAWADA 8/21/12/14	

CP 
14/10/14

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet


Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR

Page 6 of 12


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

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

	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

CP Sanyal
21/10/16

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet

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N.H. Circle, Vijayawada.

Aditya
31/11/16
Page 7 of 12

Deputy Executive Engineer (R&B)
N.H. Sub-Division, GUNTUR

Project Leader
PROJECT LEADER

Krishnapatnam Hyderabad Pipeline Project
Bharat Petroleum Corporation Limited
6th Floor, 2nd Floor, Reliance Humsafar Building,
Road no. 11, Banjara Hills, Hyderabad - 500034

21/11/16
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA
21/11/16

	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	

EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR

PROJECT LEADER

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

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

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	


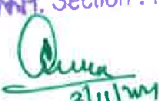
CR *21/10/14* *21*
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet

21/10/14
Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR.

21/10/14
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

	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	


 Assistant Executive Engineer
 N.H. Section : Narasaraopet

 Deputy Executive Engineer (R & B)
 N.H. Sub-Division, GUNTUR


 Superintending Engineer (R&B)
 N.H. Circle, Vijayawada.


 EXECUTIVE ENGINEER (R&B)
 N.H. DIVISION, VIJAYAWADA


 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	Executive Engineer, R&B Department, NH Division,	
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.		

[Signature]
SuperIntending Engineer (R&B)

[Signature]
N.H. Circle, Vijayawada.

[Signature]
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

[Signature]
Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet


[Signature]
Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR


[Signature]
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

	(a) On behalf of the applicant	PROJECT LEADER, Bharat Petroleum 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.		

CP 14/10/21
Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet


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


3/11/21
Deputy Executive Engineer (R & B)
N.H. Sub-Division, GUNTUR


21/12/21
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

21/12/21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

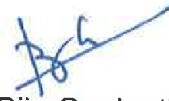
Date: 11th JAN, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shri B. Manohar, Project Leader (KHPL Project), Hyderabad is authorized to sign applications and associated letters on behalf of Bharat Petroleum Corporation Limited to all the statutory authorities like Forest, NHAI, Railways, PWD / Roads & Buildings Department, I&CAD / Water Resources Department, RWS Department / Mission Bhagiratha, Panchayat Raj & Rural Development Department, HMDA, State Industries Department, State Revenue Department etc. and all the administration authorities like DM, SDM, Tehsildar, Police etc. in the states of Andhra Pradesh and Telangana for obtaining clearances / crossing permissions and assistance in connection with laying of Petroleum product pipeline from Krishnapatnam Coastal Installation, Nellore District, Andhra Pradesh to Hyderabad Terminal, Hyderabad, Telangana.

He shall be the authorized signatory as Project Leader on behalf of Bharat Petroleum Corp. Ltd.

The signature of Mr. B. Manohar is attested herewith.



Biju Gopinath
Chief General Manager Projects (Pipelines)
BPCL, Mumbai.

I hereby attest the signature of Mr. B. Manohar, Project Leader (KHPL), Hyderabad.



(B. Manohar)



Attested by
Biju Gopinath
Chief General Manager Projects (Pipelines)
BPCL, Mumbai.



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

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Ch. Lakshmi

CHEPURU LAKSHMI

Licenced Stamp Vender

L.No. 0903022/2012-14

R.L. No. 0903002 of 2018-2020

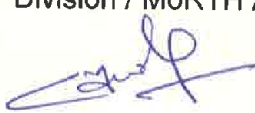
Nunnavari Street, Buchireddypalem,

Cell 8374879972

CERTIFICATE

I B. MANOHAR, working as a Project Leader, Bharat Petroleum Corporation Ltd, Krishnapatnam – Hyderabad Pipeline Project, Hyderabad do certify,

1. Laying of Multi-Product Petroleum pipeline will not have any deleterious effects on any of the bridge components and road way safety for traffic.
2. We do undertake that we will relocate service road/approach road/utilities at our own cost notwithstanding the permission granted within such time as will be stipulated by NH Division / MoRTH Authorities, for future six –lining or any other development.


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 Humсар Building,
Road no. 11, Banjara Hills, Hyderabad - 500034

Office of the
Sub Registrar

18 SEP 2020

Buchireddynalem
Nellore Dist.

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18 SEP 2020
SUB REGISTRAR
BUCHIREDDYNALAM
NELLORE DIST.



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

65AA 695302

S.L. No 10008 Date 16-12-2020

SOLD To Manohan Burra s/o Kanakaiah. Hyderabad

FOR WHOM self c/o Bharat Petroleum Corporation Limited

Chuluvu Lakshmi

Licensed Stamp Vender
L.No. 0903022/2012-14

R.L. No. 0903002 of 2018-2020
Hunnavari Street, Buchireddypalem,
Cell 8374879972

Undertaking

In connection with the permission for laying of Krishnapatnam – Hyderabad Multi-Product Petroleum pipeline with OFC across NH-544D at Ch. 348.375 Km. I B. MANOHAR, working as a Project Leader, Bharat Petroleum Corporation Ltd, Krishnapatnam – Hyderabad Pipeline Project, Hyderabad by Undertake,

1. Not to damage any other utility, if damaged then to pay the losses either to NH Division or to the concerned agency.
2. To renewal of bank guarantee for the further period if the work is not completed to the satisfaction of NH Division / MoRTH Authority with in the stipulated period .
3. To confirming all standard condition of NH Division / MoRTH Authority guidelines issued by Ministry of Road Transport & Highway / NH vide Ministry circular No. NH-III/P/66/76 dated 18-11-1976, Ministry circular No. RW-NJ-III/P/66/76 dated 01-05-1982, Ministry circular No. RW/NH-11037/1/86-DOI(II) dated 28-07-1993, Ministry circular No. RW/NH-11037/1/86-DOI dated 19-01-1995, Ministry Circular No. RW/NH-34066/2/95/S&R dated 25-10-1999, Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17-09-2003, Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016

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 - 500014

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4. To shift the Multi-Product Petroleum pipeline as and when required by NH Division / MoRTH Authority at own cost.
5. To shift the Multi-Product Petroleum pipeline if necessitated due to 6 lining / widening of NH.
6. To indemnify NH Division / MoRTH Authority indemnity against all damage and claim.
7. To manage traffic movement and ensure there is no traffic disruption during the laying of the pipeline.
8. To pay if any claim is raised by concessionaire.
9. To obtain prior approval of NH Division / MoRTH Authority before undertaking any work for installation, shifting or repairs, or alteration to the petroleum in the National Highway Right of ways
10. To bear any expenditure, if any, incurred by NH Division / MoRTH Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the petroleum line will be borne by us.
11. If the NH Division / MoRTH Authority considers 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/NHA at the cost of the agency owing the petroleum line within reasonable time (not exceeding 60 days) of the intimation given.

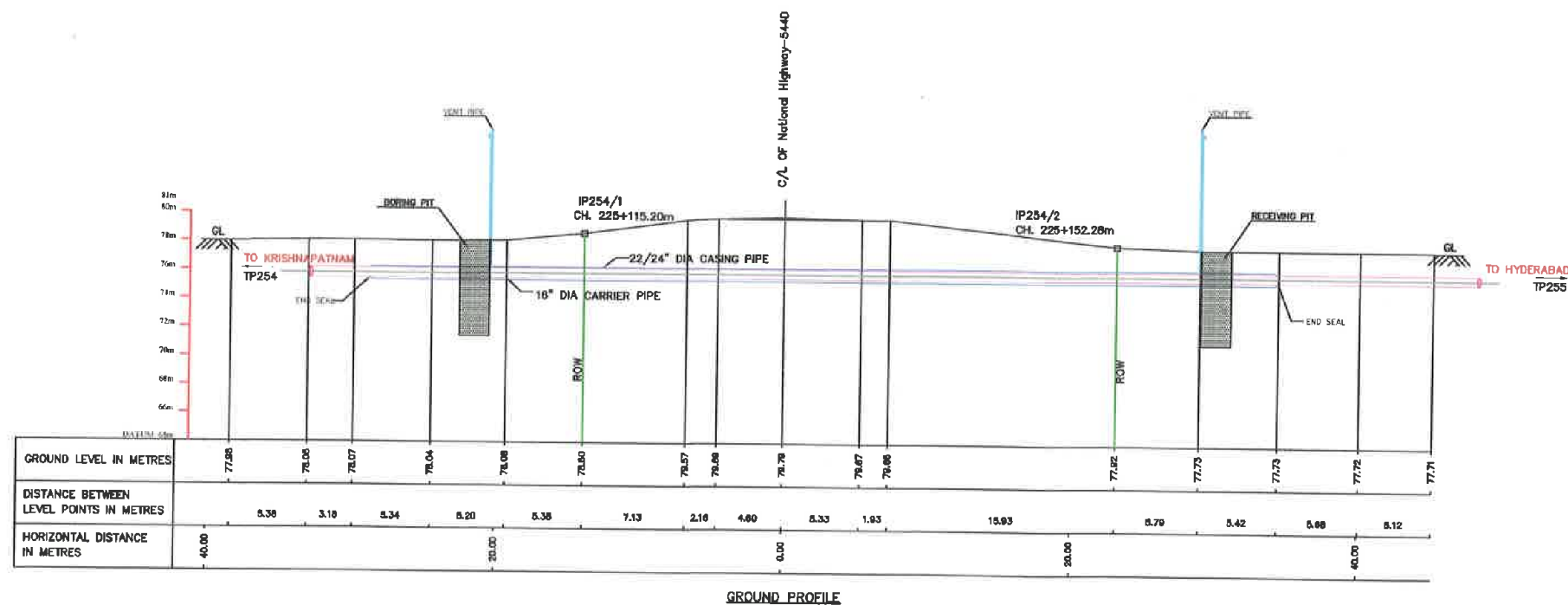
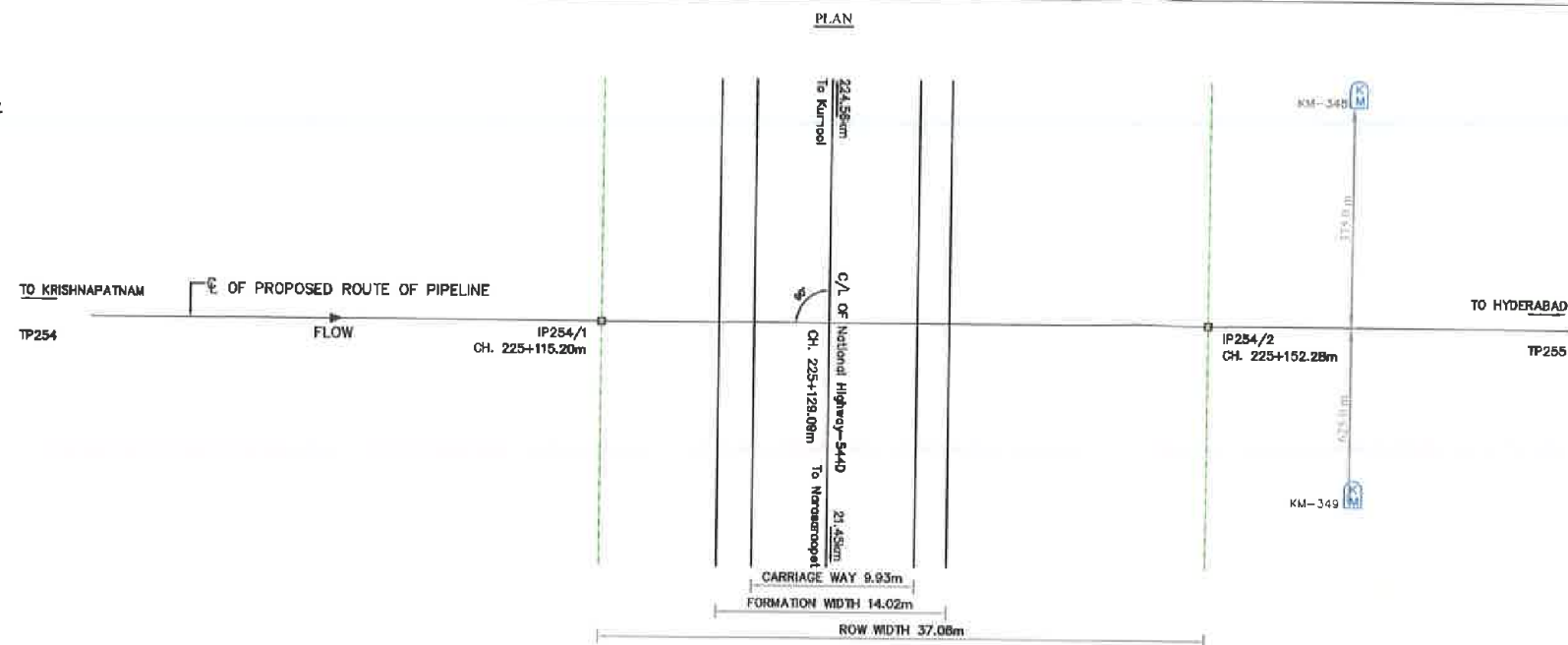
Date:

Place:



For Bharat Petroleum Corporation Limited

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



JURISDICTION : Executive Engineer,
R&B Department,
NH Division,
Vijayawada

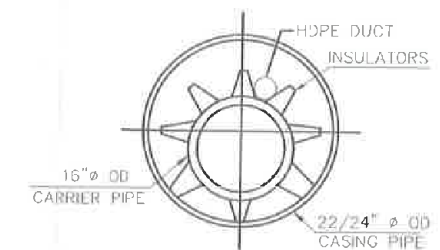
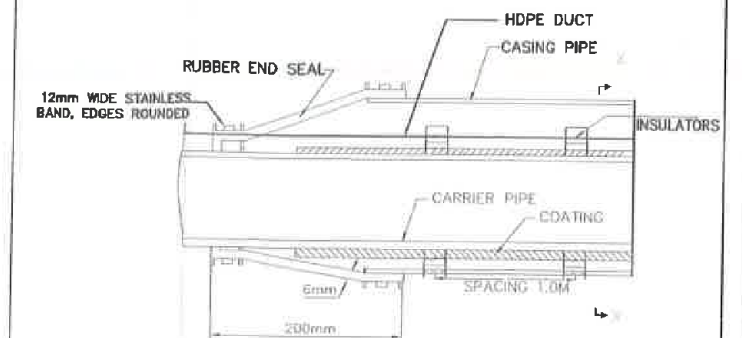
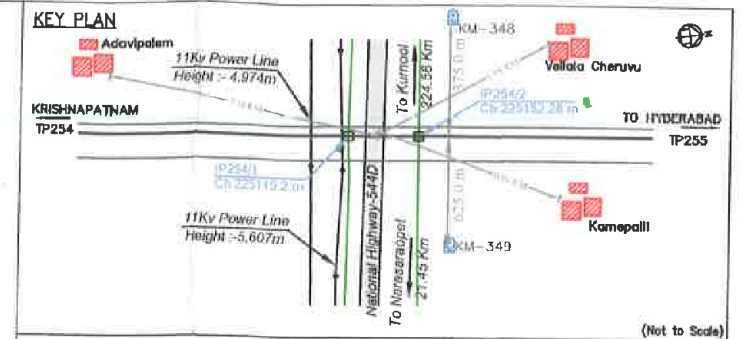
Bharat Petroleum Corporation Limited	TDC-BPCL-10PH-10-P13-R4-007	ROUTE MAP	KRISHNAPATNAM-HYDERABAD	THEODOLITE CONSULTANTS VADODARA-380005	OB 27.12.19	ISSUED FOR USE	NATIONAL HIGHWAY-544D CROSSING CH. 225+115.20m	SHEET No. BPCL-KHPL-CS-317	REV. OB	SCALE: 1:200
	BPCL-10PH-10-P13-R4-007	ALIGNMENT SHEET	POL PIPELINE		CA 20.08.18	SURVEY DRAWING ISSUED FOR APPROVAL				
	DWG. No.	REF. DRAWING			NO. DATE	REVISION				

Assistant Executive Engineer (R&B)
N.H. Section : Narasaraopet

Deputy Executive Engineer (R&B)
N.H. Sub-Division, GUNTUR

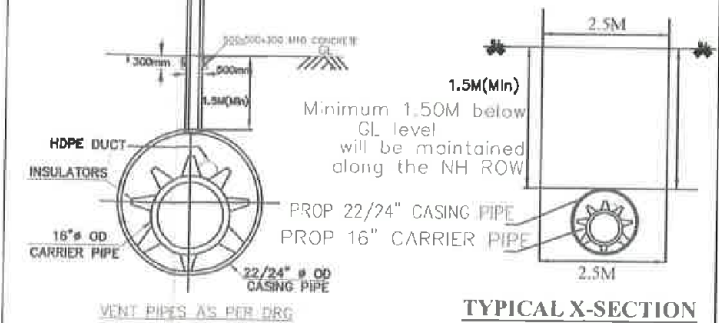
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.



SECTION AT X-X

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



NOT TO SCALE

Note: 1) Bharat Petroleum Corporation Limited shall ensure to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance