



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यवाही इकाई, डी.नॉ : 23/3/39/501, 5th मंजिल, धनलक्ष्मी नगर, वैकुण्ठपुरम रोड, एमआर मल्ली, तिरुपति- 517 507
Project Implementation Unit, D.No. 23/3/39/501, 5th Floor, Dhanaalakshmi Nagar, Vykuntapuram Road, MR Palli, Tirupati- 517 507

Ph No : 0877-2245060
email : nhaitirupati@gmail.com
piutirupati@nhai.org

NHAI/PIU-TPT/11011/13(A) OFC/2019/1224

Dated: 01.01.2020

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

Sir,

Sub: NHAI - PIU-Tirupati - Permission for laying HPCL's proposed Vijayawada - Dharmapuri Petroleum product pipeline of 16" Dia along with OFC in 24" Dia casing across NH-4 at Km 217.050 near Thatiredipalle village in Chittoor District - Public Comments - Reg.

Ref: 1. Lr. No. PIU-TPT/11011/13(A) OFC/2019/1017, dt 09.11.2019- copy enclosed
2. Lr. No. NHAI/RO-VJA/25015/11/2019/2785, dt 17.12.2019- copy enclosed

Please find enclosed herewith the proposal of M/s HPCL for laying of HPCL Vijayawada-Dharmapuri Petroleum Product pipeline of 16" dia along with OFC in 24" dia casing pipe across National Highway-4 at Km 217.050 near Thatiredipalle/ Gandrajupalli village in Chittoor District in the State of Andhra Pradesh.

Vide reference 1st cited this office has recommended the Competent Authority, RO, NHAI Vijayawada for according In-principle approval for the captioned subject. Vide reference 2nd cited RO-NHAI Vijayawada has accorded In-Principle approval and requested to put out the application in public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) as per Para(4) of MoRT&H Circular guidelines RW/NH-33044/29/2015/StdR(R), dt 22.11.2016

In this connection, the application of M/s HPCL along with the recommendations of this office and In- Principle approval of Competent Authority RO, NHAI Vijayawada 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 course of action.

Yours faithfully

Encl: As above

(C.Sudhakara Reddy)
DGM (T) & Project Director
NHAI, PIU-Tirupati

Copy submitted to: RO, NHAI Vijayawada- for information please



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

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(Ministry of Road Transport & Highways)

परियोजना कार्यवाही इकाई, ई.नॉ : 23/3/39/501, 5th मंजिल, धनलक्ष्मी नगर, वैकुण्ठपुरम रोड, एमआर पल्ली, तिरुपति- 517 507
Project Implementation Unit, D.No. 23/3/39/501, 5th Floor, DhanaLakshmi Nagar, Vykuntapuram Road, MR Palli, Tirupati - 517 507

Ref: NHAI/PIU-TPT/11011/13(A) OFC/2019/1224

Dated: 01.01.2020

INVITATION OF PUBLIC COMMENTS

Sub: Laying HPCL's proposed Vijayawada - Dharmapuri Petroleum product pipeline of 16" Dia along with OFC in 24" Dia casing across NH-4 at Km 217.050 near Thatthiredipalle village in Chittoor District - Public Comments - Reg.

The under signed i.e. Project Director, PIU-Tirupati is herewith forwarding a proposal of M/s HPCL for laying of HPCL Vijayawada-Dharmapuri Petroleum Product pipeline of 16" dia along with OFC in 24" dia casing pipe across National Highway-4 at Km 217.050 near Thatthiredipalle/ Gandrajupalli village in Chittoor District in the State of Andhra Pradesh.

As per MoRT&H guidelines vide letter No. RW/NH-33044/29/2015/SGR(R), dt 22.11.2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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

Project Director- Tirupati,
Project Implementation Unit,
National Highways Authority of India,
D. No. 23/3/39/501, 5th floor, DhanaLakshmi Nagar, Vykuntapuram road, MR Palli- 517501
Email: piutirupati@nhai.org/nhaitirupati@gmail.com

Yours faithfully

(C. Sudhakara Reddy)
DGM (T) & Project Director
NHAI, PIU-Tirupati



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क. २९, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश
Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.



भारतमाला
जहाँ से हम सब
BHARATMALA
ROAD TO PROGRESS

टेली / Tele : 0866-2483910

फैक्स / Fax : 0866-2474496

ई-मेल / E-mail : rovjayawada@nhai.org
nhairovija@gmail.com

Ref: NHAI/RO-VJA/25015/11/2019/ २७८५

Dt.17.12.2019

To

The Project Director,
National Highways Authority of India,
Project Implementation Unit,
D. No. 23/3/39/501, 5th Floor,
Dhanalakshmi Nagar,
Vykantapuram Road, MR Palli,
TIRUPATI - 517 501.

Sir,

NHAI-PIU TPT.	
No.	1509
Date:	20 DEC 2019
PD	✓
LAO	
PA	✓
AAJAO	
SE	✓
VP	
Steno	

Sub: (NH-4-P-II) - Permission for laying HPCL's proposed Vijayawada -Dharmapuri Petroleum product pipeline of 16" Dia along with OFC in 24" Dia casing across NH-4 at Km 217.050 near Thathiredipalle in Chittoor District - Approval - Reg

* * * * *

Please refer to your Lr. No. PIU-TPT/11011/13(A) OFC/2019/1017 dt. 09-11-2019 on the subject matter.

In this connection it is to inform that In-Principle approval is accorded for the proposal of M/s. Hindustan Petroleum Corporation Limited for No Objection Certificate for laying of proposed Vijayawada-Dharmapuri Petroleum product pipeline of 16" Dia along with OFC in 24" Dia casing across NH-4 at Km 217.050 near Thathiredipalle / Gandrajupalli in Chittoor District and requested to ensure the following :

1. As per point No.4 of MoRTH circular dt. 22-11-2016, the application must mention the details of various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosives Safety Organisation, Oil Industry Safety Directorate, State / Central Pollution Control Board and any other statutory clearances as applicable. It is requested to obtain the same before issuing NOC.
2. It is requested that the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of Public inconvenience, safety and general public interest) as per Para (4) of MoRTH Circular guidelines dt 22-11-2016.
3. To collect the License fee collected by NHAI as per the amount arrived vide Para (5) of the circular guidelines dt. 22-11-2016.

4. To process for granting of permission and prior to signing of Lease agreement, a Performance Security Bank Guarantee for an amount based on per route metre with a validity period of one year initially, in the prescribed format (extendable if required till satisfactory completion of work) shall have to be furnished by the licensee to the Authority / its designated agency as a security against improper restoration of ground in terms of filling / unsatisfactory compaction damages caused to other underground installations / utility services & interference, interruption, disruption or failure caused thereof to any services etc.,
5. It is requested to strictly ensure the requirements laid down vide Para (4) to (7) of circular guidelines dt. 22-11-2016 before issue of In-Principle approval and NOC for laying / crossing of pipe line.
6. M/s. HPCL may be notified through to construct RCC Box Culvert of 2 vents of 5m span each for crossing of pipe line under ground at the location to the full width of ROW of NHAI, one vent for crossing pipe line and one vent for future expansion, if any, at HPCL cost. Estimate may be obtained from M/s. HPCL get it examined by IE of the 4-lane project and recommend to this office for taking further action.
7. It is requested to ensure that toilets are to be provided for male, female & differently abled people and prominent signage be placed towards highway side for availability of the same.

Yours faithfully,


(Anil Dixit)

Regional Officer,
RO - Vijayawada



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

Ph No : 0877-2245060
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National Highways Authority of India

(Ministry of Road Transport & Highways)
परियोजना कर्मचारी इकाई, ई.नो : 23/3/39/501, 5th फ्लोर, धनलक्ष्मी नगर, वैकुण्ठपुरम रोड, एमआर पल्ली, तिरुपति- 517 507
Project Implementation Unit, D.No. 23/3/39/501, 5th Floor, DhanaLakshmi Nagar, Vrkuntapuram Road, MR Pali, Tirupati - 517 507

PIU-TPT/11011/13(A) OFC/2019/1017

Dated: 09.11.2019

To
The Regional Officer
National Highways Authority of India,
Vijayawada.

Sir,

Sub: NHAI - PIU-Tirupati - (NH-4-P-II) - Permission for laying HPCL's proposed Vijayawada -Dharmapuri Petroleum product pipeline of 16" Dia along with OFC in 24" Dia casing across NH-4 at Km 217.050 near Thathireddipalle in Chittoor District - Approval - Requested - Reg

Ref: 1. HPCL Lr. No. HPCL/BNG/DPL/AP/NH-4/2018/03, dt. 30.07.2018
2. This office Lr. No. NHAI/PIU-TPT/110011/27/NH-4/2018/1052, dt. 12.12.2018
3. AE, Lr. No. AA/NHAI/CTR/P-II/2119/19-20/1322, dt. 18.06.2019

M/s. Hindustan Petroleum Corporation Limited has submitted revised proposal & requested for No Objection Certificate for laying of HPCL's proposed Vijayawada-Dharmapuri Petroleum product pipeline of 16" Dia along with OFC in 24" Dia casing across NH-4 at Km 217.050 near Thathireddipalle / Gandrajupalli in Chittoor District vide reference 1st cited.

2. This office vide letter 2nd cited above requested the Authority Engineer, M/s. Aarvee Associates to examine the above proposal as per MORT&H norms. Accordingly, the Authority Engineer vide reference 3rd cited above has stated that the proposal was reviewed and found in order applicant may be allowed to lay the OFC.

3. In this connection, the proposal submitted by M/s. Hindustan Petroleum Corporation Ltd., was examined and the following are furnished herewith:

- (i) Check list
- (ii) Undertaking for submission of Performance Bank Guarantee @ Rs. 100/- per route meter.
- (iii) Undertaking for shifting / Relocation of Optical Fiber Cables (as per SL. No. 5 of Checklist).
- (iv) Draft License Agreement regarding granting of ROW permission for laying telecom cable / OFC / ducts Plan showing proposed pipeline crossing.
- (v) Indemnity Bond.
- (vi) Key Map
- (vii) Route Strip Plans.
- (viii) Calculations for amount to be paid to NHAI towards License fee.

Contd.)

1/2//

- (ix) HPCL vide their letter no. HPCL/BNG/DPL/AP/NH4/2018/03, dt. 30.07.2018 had submitted revised proposal & requested NHA for permission for laying of HPCL's proposed Vijayawada-Dharmapuri Petroleum product pipeline of 16" Dia along with OFC in 24" Dia casing across NH-4 at Km 217.050 near Thathireddipalle/ Gandrajupalli in Chittoor District.
- (x) AE had inspected the proposed location of laying of OFC crossing at Km 217.050 along with the representative of HPCL.
- (xi) HPCL has given undertaking that "HPCL declare that if National Highway Authority considers it necessary in future to remove the pipeline for any work or repair to the road, it will be carried out as desired by the NHA at the cost of HPCL, within reasonable time that is not exceeding 60 days of the information given b the NHA".
- (xii) As per the plan submitted the applicant has proposed to lay the pipeline of 16" dia along with OFC in 24" dia casing pipe across NH-4 at chainage 217.050 by HDD Technique.
- (xiii) Applicant has submitted the typical cross section of pipeline and OFC for crossing the Highway by HDD with Methodology


Village	Side	Proposed location of OFC	Length in mts.	Remarks
Thathireddipalli / Gandrajupalli	Crossing	Km 217.050 to km 217.100	46.31	Crossing shall be taken up by HDD Technique.

4. Laying of OFC Work shall be carried out in co-ordination with the representatives of Contractor and Authority's Engineer with intimation to NHA.
5. While laying the OFC Cable the already fixed boundary pillars shall be taken as a reference.
6. Further as per Clause 9.3 of EPC Agreement "The Contractor shall allow, subject to such conditions as the Authority may specify, access to, and use of the site for laying telephone lines, water pipes, electrical cables or other public utilities. Where such access or use causes any financial losses to the Contractor, it may require the user of the site to pay compensation or damages as per applicable laws.
7. In view of the above, the proposal submitted by M/s. HPCL, Bangalore has been verified in accordance with Guidelines of MORTH Norms Circular F. No. RW/NH-33044/29/2015/Str(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 Pipeline along with Optical Fiber Cable by M/s. Hindustan Petroleum Corporation Ltd., at Km 217+050 (Crossing), Nalagampalli - Allakuppam Section of NH-4 in the State of Andhra Pradesh.

Thanking you,

Yours faithfully

Encl: As above.


C. Sudhakara Reddy
DGM (T) & Project Director
NHA, PIU-Tirupati



भारतीय राश्ट्रीय राजमार्ग प्राधिकरण
(सडक परिवहन और राजमार्ग मंत्रालय)

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National Highways Authority of India

(Ministry of Road Transport & Highways)
परियोजना कर्तव्यवाया इकाई, डे.नं : 23/3/39/501, 5th मंजिल, धनलक्ष्मी नगर, वैकुण्ठपुरम रोड, एमआर पल्ली, तिरुपति- 517 507
Project Implementation Unit, D.No. 23/3/39/501, 5th Floor, DhanaLakshmi Nagar, Vyakuntapuram Road, MR Palli, Tirupati - 517 507

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of M/s. HPCL Vijayawada - Dharmapuri Petroleum product pipeline of 16" Dia along with OFC in 24" Dia casing across NH-4 at Km 217.050 near Thathiredipalle in Chittoor District and confirms all the standard conditions satisfied which are issued by Ministry Circular F. No. RW/NH-33044/29/2015/S&R(R), dated 22.11.2016.
2. It is certified that there will not be hindrance to the 6-laning / 4-laning, if it needs immediate shifting or re-location of proposed pipeline and OFC cable by the agency at their cost as per the undertaking given by the agency.
3. It will be ensured that supervision of the work of laying of utility and ensured that the defects in road portion if any, after laying of utility are corrected.
4. It will be ensured that proposed permission is entered in the register of records.
5. The record of pervious proposal accorded has been enclosed with the approval.

(C. Sudhakara Reddy)
DGM (T) & Project Director
NHAI, PIU-Tirupati

ambedkar
11/10/19



aarvee associates

architects engineers & consultants pvt. ltd.

Authority's Engineer for 4-Lane with Paved Shoulders of AP/Tamil Nadu Border - Nalagampalli - AP/Karnataka Border of NH-4 in the state of Andhra Pradesh under NHDP-IV on EPC Mode

Letter No. AA/NHA/CTR/P-II/2119/19-20/1322

Date: 18th June, 2019.

To,

The Project Director,
National Highways Authority of India,
Door No 23-3-39-507,
5th Floor, Dhanalakshmi Nagar,
Vikuntapuram Road,
M.R.Palli, Tirupati-517501.

NHAI-PIU TPT.	
No.	466
Date:	24 JUN 2019
PD	<input checked="" type="checkbox"/>
LAO	<input checked="" type="checkbox"/>
PA	<input checked="" type="checkbox"/>
AAUAO	<input type="checkbox"/>
SE	<input type="checkbox"/>
YP	<input type="checkbox"/>
Steno	<input type="checkbox"/>

Sub: Rehabilitation and Upgradation of NH-4 (New NH-69) from Nalagampalli (Existing Km 171.590/Design Ch:172+000) to AP/Karnataka Border (Existing Km 216.912/Design Ch: 219+687) to Four Lane with Paved Shoulders Under NHDP-IV in the State of Andhra Pradesh on EPC Mode-Grand no objection certificate for laying HPCL's proposed Vijayawada- Dharamapuri Petroleum product pipeline of 16" dia along with OFC in 24" dia casing pipe across National Highway no.4 chittoor district.

- Ref:**
1. NHAI/PIU-TPT-11011/27/NH-4/2018/1052 Dated 12.12.2018
 2. HPCL, letter No. HPCL/BNG/DPL/AP/NH4/2018/03 Dated 30.07.2018
 3. Authority Letter No. NHAI/111012/5/PIU-TPT/NH-4/NLG-KB/2018/374 Dated 15.06.2018
 4. AE's Letter No. AA/HW/NHA/CTR/P-II/2119/18-19/478 Dated 08.06.2018
 5. Authority Letter No. NHAI/PIU-TPT/NH-4/AE/2018/126 Dated 25.04.2018

Dear Sir,
With reference to the 1 cited above we were requested to submit our recommendation regarding no objection of HPCL pipe line crossing at Km 217.050. The revised proposal submitted by HPCL vide reference 2 cited above with the following modifications as informed earlier.

1. The ROW width has been modified from 12.35 mts to 70 mts in the drawing resubmitted.
2. HPCL has given undertaking that "HPCL declare that if National Highway Authority considers it necessary in future to remove the pipeline for any work or repair to the road, It will be carried out as desired by the NHAI at the cost of HPCL, within reasonable time that is not exceeding 60 days of the information given by the NHAI".

In view of the above the modified proposal is reviewed and found in order as per NHAI guidelines.

This is submitted for your information and further necessary action please.

With best regards,

For Aarvee Associates Architects Engineers and Consultants Pvt. Ltd.

[Signature]

N. Satyanarayana Reddy
Team Leader

Copy: 1) Resident Engineer, Aarvee Associates, Palamaneru
2) The Project Manager M/s. DBL, Palamaneru.

Project Office :

Door No. 2-1273, BV Reddy Nagar, Chittoor - 517001, Andhra Pradesh.
Mobile: +91-93983 13598; e-mail: AE2119chittoor@aarvee.net

Head Office :

Ravula Residency, Srinagar Colony Main Rd., Hyderabad - 500 082, India. CIN: U74200TG2005PTC045491
Tel: +91-40-93737633; 48483456; Fax: +91-40-93736277; e-mail: aarvee@aarvee.net; web: www.aarvee.com



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कर्मचारी इकाई, ई.नॉ.23/3/39/501, 5th मंजिल, धनलक्ष्मी नगर, वैकुण्ठपुरम रोड, एमआर एनसी, तिरुपति-517 507
Project Implementation Unit, D.No.23/3/39/501, 5th Floor, Dhanalakshmi Nagar, Vykuntapuram Road, MR Palli, Tirupati - 517 507

Ph No: 0877-2245060

email : nhaitirupati@gmail.com

: piutirupati@nhai.org

NHAI/PIU-TPT/1011/27/NH-4/2018/1052

Date: 12.12.2018

To,

The Team Leader

M/s. Aarvee Associates Architects
Engineers & Consultants Pvt. Ltd.,
D.No.2-1273, B. V. Reddy Nagar,
Chittoor – 517001

Sir,

Sub: NHAI – PIU-Tirupati – Rehabilitation and up-gradation of NH-4- Package-II-
i.e. from Km 171.590 to Km 219.687 from Nalagampalli to Alkuppam (AP/KA
Border) to Four Lane rigid pavement with paved shoulder in the state of
Andhra Pradesh under NHDP – Request for permission for laying HPCL's
proposed Vijayawada – Dharmapuri Petroleum product pipeline of 16"
Dia along with OFC in 24" Dia casing across NH-4 at Km 214.300 near
Thathireddipalle in Chittoor District - Reg.

- Ref:**
1. HPCL Lr. No. HPCL/BNG/DPL/AP/NH4/2017, dt.10.08.2017
 2. This office Lr. No. NHAI/1012/5/PIU-TPT/NH-4/NLG-KB/2018/374,
dt.15.06.2018
 3. HPCL Lr. No. HPCL/BNG/DPL/AP/NH4/2018/03, dt.30.07.2018 received on
dt. 22.11.2018 (enclosed)

With reference to the subject matter, it is to inform that HPCL has requested for No objection Certificate for laying HPCL's proposed Vijayawada – Dharmapuri petroleum product pipeline of 16" dia along with OFC in 24" Dia casing across NH-4 (Chittoor to Bengaluru) at km 214.300 near Thathireddipalle village in Chittoor District vide reference 1st cited.

2. In this regard, the same has been returned with observations to HPCL vide this office letter 2nd cited and requested to re-submit the same by complying the observations. Now, HPCL again re-submitted the revised proposal, checklist, methodology and drawings to this office vide reference 3rd cited.
3. Therefore, the same is herewith communicated to AE and requested to give their comments, recommendations and submit a detailed report according to the NHAI, Guidelines in vogue to this office for further course of action.

Encl: 1 no. file of HPCL

Yours faithfully

(C. Sudhakara Reddy)

DGM (T) & Project Director
NHAI, PIU, Tirupati

Copy Submitted to : 1. RO, Vijayawada – for information.

2. M/s. Dilip Buildcon Ltd., - for information.



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम)पंजीकृत कार्यालय : 17, जमशेदजी टाटा रोड, मुंबई - 400 020.

HINDUSTAN PETROLEUM CORPORATION LIMITED

(A Government of India Enterprise) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI - 400 020.

सी. आई. एन. /C.I.N. : L23201MH1952GOI008858

पाइपलाइन परियोजना, बैंगलूरु # 332, दारुस सलाम बिल्डिंग, दूसरा मंजिल, कबीन्स रोड, बैंगलूरु - 560 052. दूरभाष : 080-22535400
Pipeline Projects, Bengaluru # 332, Darus Salam Building, Second Floor, Queens Road, Bengaluru - 560 052. Phone : 080-22535400

HPCL/BNGV/DPL/AP/NH4/2018/03

To,

GM (T) & Project Director,
National Highway Authority of India,
Project Implementation Unit (NS),
D.No.23/3/39/501, 5th Floor, (Above Canara Bank),
Dhanalaxmi Nagar, Vykuntapuram Road, MR Paili,
Tirupati, Andhra Pradesh - 517501

NHAI - PIU TPT	
No. 774	
Date: 22.11.18.	
PD	g
SE	
AM/AD	
YP	
PA	
Steno	

Date: 30.07.2018

Pl. for board
for comments
by

Subject: Request for Permission for laying HPCL's Vijayawada - Dharmapuri Petroleum Product Pipeline of 16" dia along with OFC in 24" dia Casing Pipe across National Highway-4 (Chittoor to Bengaluru) at Km 214.3, Near Village Thathireddipalle in Chittoor District - **Submission of revised Proposal, Checklist, Methodology and Drawings.**

Reference: (i) HPCL Letter No. HPCL/BNGV/DPL/AP/NHAI/2017 dated 10.08.2017
(ii) NHAI letter No. NHAI/1101215/PIU-TPT/NH-4/NIG-KB/2018/374 dated 15.06.2018

Dear Sir,

This is in reference to HPCL's application for permission for laying its Vijayawada Dharmapuri Petroleum Product Pipeline across National Highway-4 (Chittoor to Bengaluru) at Km 214.3, Near Village Thathireddipalle in Chittoor District.

Please find enclosed the following *revised* documents incorporating the observations as stated in NHAI letter referred at (ii) above:

- Proposal for Permission to laying HPCL's Pipeline along with OFC in 24" dia Casing Pipe across National Highway-4 (Chittoor to Bengaluru) at Km 214.3.
- Check List
- Construction Methodology
- Drawings - Pipeline Route Map, Cross Section, Plan & Ground Profile
- License Deeds and Under Taking

You are requested to kindly peruse the same and further process our application.

Thanking you in anticipation of an early response.

Very Truly Yours,

R. Ramesh,
GM- Pipeline Projects

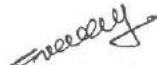
Encl. (As Stated)

Hindustan Petroleum Corporation Limited
2nd Floor, No. 332, Darus Salam Building,
Queen's Road, Bangalore - 560 052.

**Format for Maintaining Records of Right-of-way permission granted for laying of Petroleum Product Pipeline / OFC etc.,
(to be maintained separately for every NH)**

1 Name of State : Andhra Pradesh
2 Name of NH Division : NHAI, PIU-Tirupati, A.P.
3 NH Number : NH-4 & NH-140

Sl. No.	Location (Chainage in km)	NH No.	Left or right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of service	Name of licensee and contact address	Approval from Competent Authority	Remarks
1	41.000	NH-71	Crossing @ km 41.00	Madanapalle to Pileru section of NH-71	Pugalur overhead power line near Kalikiri Village	Power Grid Corporation of India Limited, H.No. 19-588/4, Plot No. 2 Mittoor Extension, Near Masonic Grounds, Chittoor-517001, Ph.No. 08572-236369	RO, NHAI, VJA Lr.No.NHAI/RO-VJA/25018/5/2018/1651, Dt: 24.07.2019	In principle approval communicated to M/s. PGCIL vide T/o Lr.No. NHAI/PIU-TPT/11011/13A/NH-71/2019/563, dt: 25.07.2019
2	167.700	NH-4	Crossing @ km 167.700	Rehabilitation and Upgradation of NH-4 from AP/ TN Border (Existing km 133.36/Design km 134.89) to Nalagampalli Village (Existing km 171.59/Design 172.00) to four lane with paved shoulders (Design length = 37.110 km) under NHDP-IV in the State of Andhra Pradesh on EPC Mode	Pugalur overhead power line at K.G.Satram Village	Power Grid Corporation of India Limited, H.No. 19-588/4, Plot No. 2 Mittoor Extension, Near Masonic Grounds, Chittoor-517001, Ph.No. 08572-236369	RO, NHAI, VJA Lr.No.NHAI/RO-VJA/25014-6A/2017/867, Dt: 18.04.2019	In principle approval communicated to M/s. PGCIL vide T/o Lr.No. NHAI/PIU-TPT/11011/NH-4/2019/115, dt: 24.04.2019


(C. Sudhakara Reddy)
Project Director
NHAI, PIU-Tirupati
Project Director
NHAI, PIU, Tirupati

SPECIFICATION REPORT

Specification report to accompany the estimate towards "License fee" for permission for laying HPCL's Vijayawada-Dharmapuri Petroleum Product Pipeline of 16"dia along with OFC in 24" dia casing pipe across NH-4 (Chittoor to Bangalore) at Km 217.050 near Village Thathireddipalle/ Gandrajupalle in Chittoor District.

Hindustan Petroleum Corporation limited (HPCL) is one of the major central public sector "Navratna" Oil Company engaged in refining, marketing & distribution of Petroleum products in India.

HPCL owns two refineries at Mumbai & Visakhapatnam & seven operating cross country finished Petroleum products pipelines (Mumbai - Pune - Solapur Pipeline - 505 Kms; Vizag - Vijayawada -Secunderabad pipeline -570kms; Mundra - Delhi Pipeline - 1050 Kms; Rewari - Kanpur pipeline -440kms; Bhatinda - Bahadurgarh pipeline 245kms; Mangalore - Hassan-Mysore -Solar LPG pipeline -354kms; Awa - salawae pipeline -95km) with a wide network of distribution and marketing infrastructure throughout the country.

Hindustan Petroleum Corporation limited has proposed to lay 16"dia pipeline for transportation of finished petroleum products originating from HPCL's existing terminal at Vijayawada in the state of Andhra Pradesh and terminating at proposed terminal at Dharmapuri in the state of Tamil Nadu via Cuddapah in the state of Andhra Pradesh.

The proposed product pipeline of 16" dia along with OFC will be crossing National Highway -4 (Chittoor to Bangalore) at km 217.05 near village Thathireddipalle/ Gandrajupalle in Chittoor District.

The rate of land abutting NH/SH/ZPP/MPP obtained from the website of Registration and stamps department of Government of Andhra Pradesh is used for calculation of License fee.

S.No	Name of the Village	Chainage		Length in Mt.	Rate of land abutting NH in Rs/-	
		From	To		Per Acre	Per Sq. Mt
1	Thathireddipalli/ Gandrajupalle	217.050	217.100	46.31	561000	138.62

The land rate corresponding to the chainage is used for calculating License Fee.

LICENCE FEE CHARGES

Sl. No	Chainage		Measurement in meters			Quantit y in Esq. M	Rate per sq. mt. in Rs/-	Amount in Rs./-
	From	To	L	B	D			
1	217.050	217.100	46.31	0.61	-	28.25	138.62	3916.01

License Fee (Rs/Sq.m/Month) in Rs = 3916.015/10*12 = 32.63/-

License Fee for 5 Years in Rs = 32.63*60 = 1958.00/-

33% of License Fee Rs = 1958*33% = 646/-

(Rupees six hundred Forty six only)

PERFORMANCE OF BANK GURANTEE

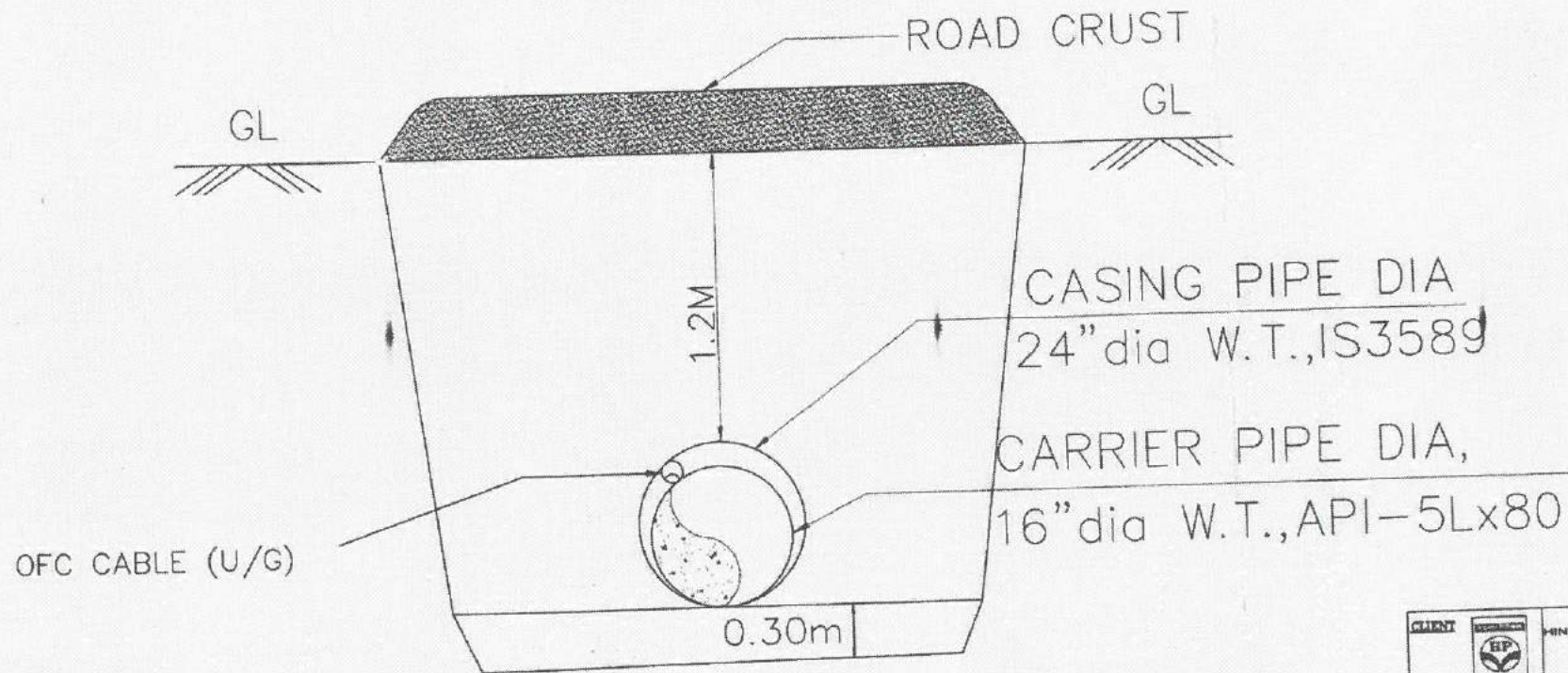
Sl. No	Description	Measurement in mt.	Quantity in mts	Rate/Meter for crossing in Rs/-	Amount in Rs.
1	Km 217.050 to Km 217.100-Crossing	46.31	1	1,00,000/-	1,00,000


Rupees One Lakh Only

For HPCL **ANAND VICTOR**
 CHIEF MANAGER-PROJECTS
 HPCL, VDPL-MADANAPALLE.
 Authorized Signature

Received
 Project Director
 NHAI-PIU,
 Tirupati.

METHODOLOGY OF CROSSING



CLIENT		HINDUSTAN PETROLEUM CORPN. LTD BANGALORE
VIJAYAWADA-DHARMAPURI PRODUCT PIPELINE PROJECT NATIONAL HIGHWAY-4 CROSSING AT CHAINAGE-217.050KM SECTION - ANDHRA PRADESH		

Project Director
NHAI, PIU, Tirupati

K.S.L. Satyanarayana
General Manager
Vijayawada Dharmapuri Pipeline Project
Hindustan Petroleum Corporation Limited
VIJAYAWADA-520 008.

CHECK - LIST

Guidelines for Project Director for processing the proposal for laying 16" dia Petroleum product pipeline along with OFC in 24" dia casing pipe across National Highway-4 vested with NHAI.

•Relevant circulars of Ministry of Road Transport and Highways.

1. Ministry Circular No. RW/NH-33044/29/2015/S&R(R) Dated 22/11/2016.

Check list for getting approval for laying HPCI's Vijayawada - Dhammapuri Petroleum Product Pipeline of 16" dia along with OFC in 24" dia casing pipe across National Highway-4 Land.

Sr. No.	Item	Information / Status	Remarks
1	General Information	Laying pipeline across to NH-4(Chittoor to Bengaluru).	
1.1	Name and Address of the Applicant/Agency	Hindustan Petroleum Corporation Limited, No-332, Darus Salam Building, II Floor, Queens Road, Bangalore-560052, 080 22535400	
1.2	National Highway Number	NH-4	
1.3	State	Andhra Pradesh	
1.4	Location	Thathiredipalle	
1.5	(Chainage in km)	km 217.050	
1.6	Length in Meters	70.0m	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	As per drawing attached	1
	(b) Right side from center line towards increasing chainage/ km direction	As per drawing attached	1
1.8	Proposal to lay underground Petroleum Product pipe	-	
	(a) Left side from center line towards increasing chainage/ km direction	As per drawing attached	1
	(b) Right side from center line towards increasing chainage/ km direction	As per drawing attached	1
1.9	Proposal to acquire land	-	
	(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	Only crossing at (Km217.050)	
	If not then where to lay the cable		
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of existing lanes (2/4 / 6/8 lanes).	4	
1.13	Proposed Number of lanes (2 lane—with	4	

R. RAMESH

General Manager Pipeline Projects
Hindustan Petroleum Corporation Limited
2nd Floor, No.332, Darus Salam Building,
Queen's Road, Bangalore - 580052

Project Director
NHAI, PIU, Tirupati

	paved shoulders/4 / 6/8 lanes)		
1.14	Service road existing or not	Not Existing	
	If yes then which side	Not Existing	
	(a) Left side from center line	Not Existing	
	(b) Right side from center line	Not Existing	
1.15	Proposed Service road		
	(a) Left side from center line	No	
	(b) Right side from center line	No	
1.16	Whether proposal to lay Pipe line is after the service road or between the service road and main carriageway.	Crossing	
1.17	The permission for lay pipeline shall be considered for approval/ rejection.		
	(i) Where the ROW is more than 45m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	Yes	
	(ii) Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the pipe line shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning.	NA	
	(iii) Where the widening plan for 4 laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of Petroleum product pipeline. This could be within 1.5m to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	NA	
	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains(e.g. highways in cutting thorough hilly/ rolling terrain), the cable shall be laid clear of the drain.	NA	
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available ROW-restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.	NA	
1.18	No. of applicants on the same stretch		
1.19	Whether the case of multiple licenses		
1.20	If so furnish a joint implementation programmer to lay their respective ducts within stipulated time frame.	NA	
1.21	If crossings of the road involved If Yes, it shall only be through trench-less technology	Yes it will be done by (Horizontal Boring) trench less technology	

Project Director
MHAI, PIU, Tirupati

2	Document /Drawings to be enclosed with the proposal.	Yes, Enclosed	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deep X 0.5m wide) Should not be greater than 1.2m in width in multiple ducts.	Normal size of 1.65m deep X 0.5m wide	2
2.2	Cross section showing the size of pit and location of cable for HDD method.	Yes attached	2
2.3	Strip plan/ Route Plan showing the pipe line, Chainage, width of ROW, distance of proposed, Gas pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed	
2.4	Methodology for laying of Petroleum product pipe line.	Enclosed	3
2.4.1	Open trenching method. If yes, methodology of refilling of trench.	N/A	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	4
2.4.3	Laying of Petroleum product Pipe Line through CD works and method of laying. In cases where the carrying of pipe line on the bridge becomes inescapable.	N/A	-
3	Draft License Agreement signed by two witnesses	Enclosed	5
4	Performance Bank Guarantee	HPCL will pay BG as intimated by NHAI	
4.1	Confirmation of BG has been obtained as per the NHAI guidelines.	BG shall be submitted s per NHAI Guidelines	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished	Enclosed	6-9
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Enclosed	10
5.2	Renewal of Bank Guarantee.	Will be done if necessary	
5.3	Confirming all standard condition of NHAI's guidelines.	Enclosed	11
5.4	Shifting of Petroleum product pipe line as and when required by the NHAI at their own cost.	Enclosed	12
5.5	Shifting of petroleum product pipe line due to 6 laning / widening of NH	Enclosed	13
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	14
5.7	Traffic movement during laying of Petroleum product pipe line to be managed by the applicant.	Enclosed	15
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	Enclosed	16
5.12	Certificate for 6-laning from the applicant in the following format	Yes	17

Project Director
NHAI, PIU, Tirupati

	"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 the NHAI for future six-lanning or any other development"		
6.	Power of Attorney in favor of authorized signatory	Enclosed	18
7.	Copy of DOT license	Enclosed	
8.	Certificate from the Project Director	Yes	
8.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.09.2000 and NHAI's guidelines issued vide No. NHA/IOEC/2K/Vol II dated 7.1.2000 and Ministry's Circular No. RW/NH-33044/27/2000 S&R dated 21.03.2006.	Enclosed	11
8.2	Certificate for 4-lanning from from PD in the following format.	Yes	
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures 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-lanning".		
9.	The agreement fee of Rs. 1 shall be charged		
10.	If NH section proposed to be taken up by NHAI on BOT basis - a clause in para 17 to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay petroleum product Pipeline/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of 217.050 km section from Km- 217 to Km-218 of NH-4 on Build, Operate and Transfer Basis] and therefore, the licensee shall honor the same."	Enclosed	
11.	Who will supervise the work of laying of Petroleum product pipe line.	HPCL	
12.	Who will ensure that the defects in road portion after laying of Petroleum product pipe line are corrected and if not corrected then what action will be taken.	HPCL	
13	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	HPCL	
14	A certificate from PD that he will enter the proposed		

Approved
Project Director
NHAI, PIU, Tirupati

4

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General Manager Pipeline Projects
Hindustan Petroleum Corporation Limited
2nd Floor, No.332, Dadas Salani Building,
Queen's Road, Bangalore - 560052.

	permission in the register of records of the permissions in the prescribed Performa (copy enclosed).		
15	If any previous approval is accorded for laying of underground Pipe line then Photocopy of register of records of permissions accorded as maintained by Project Director then copy be enclosed.	Enclosed	19

Very truly yours,

(R. Ramesh)

GM-Pipeline Projects
R. RAMESH

General Manager Pipeline Projects
Hindustan Petroleum Corporation Limited
2nd Floor, No.332, Darus Salam Building,
Queen's Road, Bangalore - 560052.

Project Director
NHAI, PIU, Tirupati

Details of Crossing NH-4
Vijayawada – Dharmapuri Petroleum Product Pipeline

Sl No.	Description	Pipeline Chainage (Km)	NH Chainage	Pipeline Location	Village	Mandal	District	Remarks
1	National Highway-4(Chittoor to Bengaluru)	542742.54	Km 214.3	IP916/1-IP916/2	Thathireddipalle	Bairedipalle	Chittoor	Crossing the NH-4

Very truly yours,



R. Ramesh
GM - Projects
R. Ramesh,

General Manager - Pipeline Projects
Hindustan Petroleum Corporation Limited
2nd Floor, No 332, Darus Salam Building,
Queen's Road, Bangalore - 560052


Project Director
HPTAL, PIU, Tirupati

Hindustan Petroleum Corporation Limited
 (A Government of India Undertaking)
VJAYAWADA - DHARMAPURI PIPELINE PROJECT

CONSTRUCTION METHODOLOGY

For laying underground pipeline across
 Railway / NH / Canal
 By Horizontal Boring Method

CLAUSE NO.	DESCRIPTION
1.0	PURPOSE
2.0	PREPARATION OF BORING PIT AND RECEIVING PIT
2.1	CASING PIPE PREPARATION
2.2	CARRIER PIPE PREPARATION
3.0	EQUIPMENTS
4.0	BORING INSTALLATION
5.0	INSTALLATION OF VENT / DRAIN ASSEMBLY
6.0	CARRIER PIPE INSERTION
7.0	COMPACTION, FINAL CLEAN UP AND RESTORATION
8.0	PROVISIONS FOR TRAFFIC MANAGEMENT DURING CONSTRUCTION


R. Ramesh,

General Manager - Pipeline Projects
 Hindustan Petroleum Corporation Limited
 2nd Floor, No. 332, Darus Salam Building,
 Queen's Road, Bangalore - 560 052.

1.0 PURPOSE

The Horizontal Boring methodology is adopted for laying underground pipeline across Utility Crossings where open cut is not feasible. Utility Crossings may be Railway lines, National Highways, State Highways (With large traffic Volumes) and Major Canals. The boring machine drills a hole under the Utility to allow insertion of the pipe. Casing pipe is first installed in the hole and the carrier pipe is inserted inside the casing pipe. The casing pipe increases the safety of the carrier pipe by shielding it from load stresses. The benefit of the Horizontal Boring Method is that it allows installation of the pipeline without disrupting the existing system.

The work shall include – Preparation of Boring pit, Casing pipe installation, Carrier pipe insertion, Restoration of land.

2.0 PREPARATION OF BORING AND RECEIVING PIT

2.0.1 The horizontal boring will commence from outside the ROW (Right of Way). Prior to start of work, area for installation of boring equipment shall be cleared and boring line shall be marked.

2.0.2 Boring and Receiving pit (minimum of 6M X 2.5M X 3M) shall be excavated to the required depth and width to facilitate smooth boring operation. Sufficient side slopes shall be maintained to avoid collapse / sliding. Bottom of trench or pit at the launching and receiving ends shall be properly graded.

2.0.3 During the execution of boring, the ground water table over the length of boring shall be lower by up to at least 0.5m below bottom of pipeline, to the safeguard the stability of boring pit. The casing pipe shall be extended a minimum of 600 mm beyond the toe of the slope or base grade or 90 mm beyond the bottom of the drainage ditch whichever is greater.

2.1.0 CASING PIPE PREPARATION

2.1.1 Visual checking of casing pipe shall be made in order to check out of roundness and to ensure that no dents are present. If any defects are noticed, these may be rectified / removed.

2.1.2 The outside surface of the casing pipe shall be coated with coal tar primer before installation if required.

2.1.3. Welding of casing pipes will be made in the trench bell hole after first length is thrust into crossing in accordance to API 5L.

2.2 CARRIER PIPE PREPARATION

2.2.1 Carrier Pipes shall be welded to the required length of crossing. All joints shall be 100% radio graphed and tested.

2.2.2 After NDT clearance the carrier pipe section shall be pre-tested to the specified pressure. The pressure shall be retained in pipe for minimum period of 02 hours.

2.2.3 After completion of pre testing pipe joint shall be coated. Holiday Detector checks for any coating damage shall be under taken for pipe section. Any damage to coating should be repaired as per approved procedure.

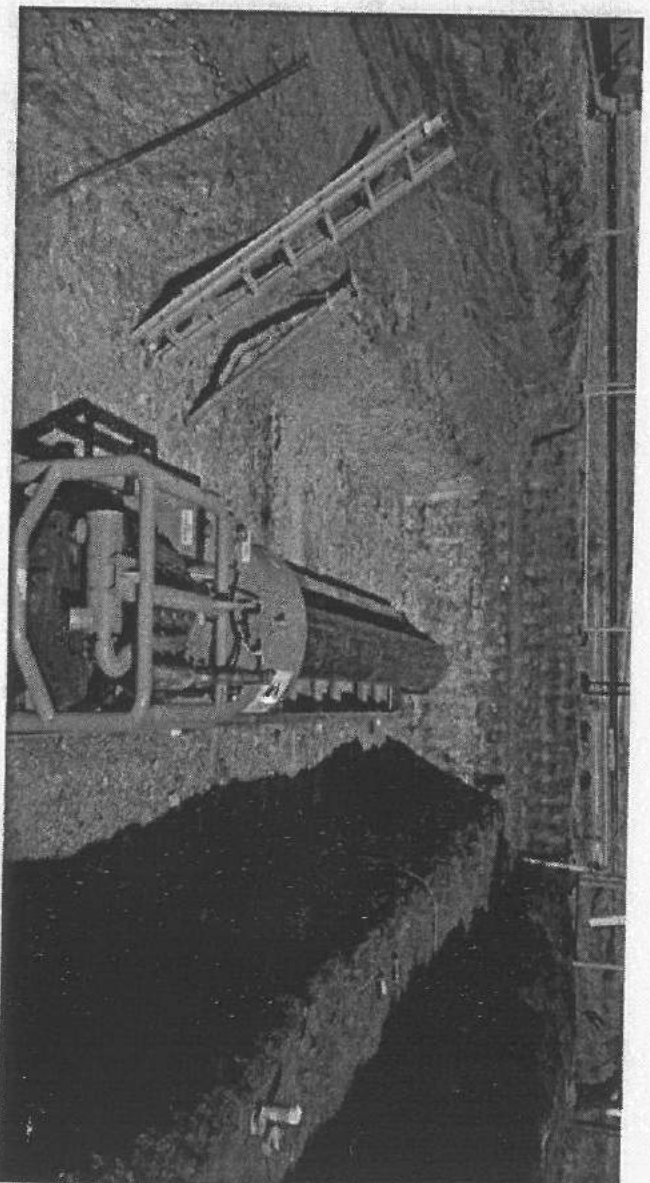
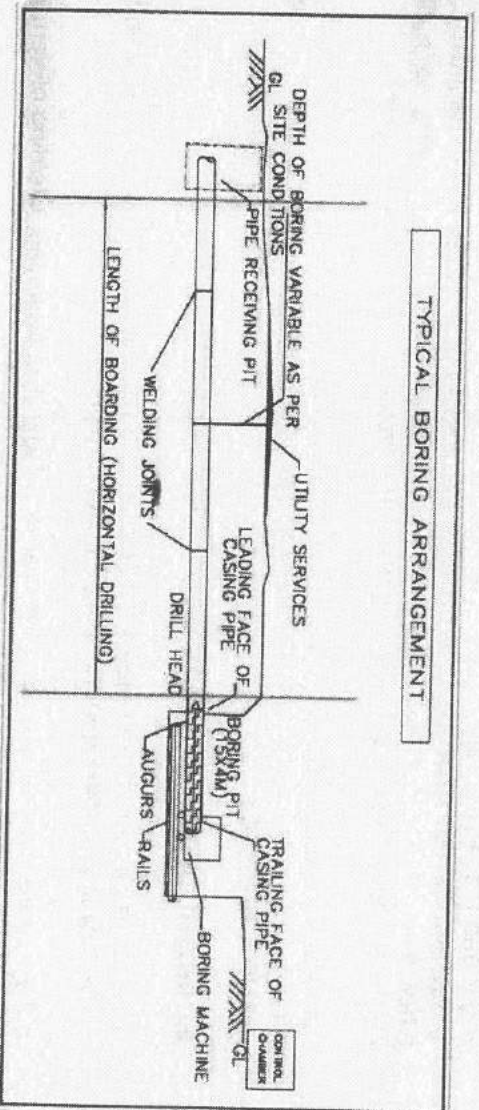
The carrier pipeline and casing would be of carbon steel conforming to API 5 L based on the final design.

3.0 EQUIPMENT

- a. Boring M/c
- b. Side Boom
- c. Backhoe
- d. Auger
- e. Header
- f. Split Level

4.0 BORING INSTALLATION

It is proposed to lay underground finished petroleum product pipeline by Horizontal Boring method through casing pipe shall as per the below typical cross sectional plan.



4.1 After leveling of the ground the rails for the machine shall be fixed in the pit and then the Boring Machine shall be lowered & alignment shall be done. The machine shall be traversed on the rails to & fro several times and the alignment shall be checked & rectified, if required.

4.2 Boring shall be carried out at low speed initially and after inspecting the soil which is cut by the auger the speed shall be increased or decreased. Insertion of casing pipe and auger shall be carried out simultaneously so that at no point of time gap between bored hole and casing pipe exists, eliminating any chance of collapse while boring. The diameter of the hole bored shall be as practicable to the outer diameter of the casing pipe. Level shall be checked at both end of the casing pipe to confirm the slope as per approved drawing.

4.3 For Welding of casing pipes, only normal visual checks shall be carried out & Internal High or Low is not allowed. Care shall be taken to ensure that the lead auger remains in the front, which facilitates easy insertion of the casing pipe.

4.4. After insertion of the first pipe, the pipe and the auger are disengaged from the boring machine. The second pipe is placed in position and the auger of the first and the second pipe are firmly connected. Then both the casing pipes are aligned and welded together. The auger and the casing pipe are again coupled to the boring machine and the boring operation is repeated till the casing pipe is installed and casing pipe exists in the receiving pit on the other side of the crossing. Calculations are made before and during to maintain the alignment necessary to guide casing under the crossing.

4.5 After completion of casing pipe insertion, the machine is de-coupled and taken out. The augers are pulled back and the casing pipe is then thoroughly cleaned to remove any moisture and debris.

5.0 INSTALLATION OF VENT / DRAIN ASSEMBLY

5.1 The installation of vent pipe shall be carried out by direct insertion and welding to the end of the casing pipe before introducing the carrier pipe.

5.2 While welding of vent pipe, internal high / low is not allowed. Welding of vent pipe need not be radio graphed and only visual checks can be carried out.

5.3 The operation of assembling and insertion of the vent pipe shall be carried out in such a way that there is no contact with the carrier pipe.

5.4 The painting of the vent pipes shall be carried out before back filling as per the relevant specification.

6.0 CARRIER PIPE INSERTION

6.1 Before insertion of carrier pipe the completed casing pipe shall be carefully inspected and internally cleaned to remove soil, mud, stones and other foreign materials.

6.2 Specified casing insulator shall be wrapped and securely fastened around the carrier pipe as per approved procedure.

6.3 Care shall be taken in pushing or pulling carrier pipe into the casing so that the pipe is centered in the casing or pulling force is evenly and constantly applied and causes no damage to coating of carrier pipe.

6.4 After insertion of carrier pipe, an electric continuity check shall be carried out between the carrier pipe and casing pipe and soil.

6.5 Casing ends seals shall be provided at both the ends of the casing for sealing the annular space between casing pipe and carrier pipe so as to prevent ingress of moisture / Water.

6.6 After positioning and fixing of the end seals these shall be holiday tested prior to backfilling and compaction.

7.0 COMPLETION, FINAL CLEAN – UP AND RESTORATION

After installation of Casing & Casing pipe and completion of tie in with the mainline section, the boring and receiving pit shall be backfield to the satisfaction of the concerned authorities. The backfilling in launching and receiving pits shall be completed in stages of 150mm layer to 90% modified proctor density, using mechanical compactors. Utmost care must be taken to ensure that the backfill density is in no case lesser than those of surrounding in order to eliminate any shifting of soil under pressure, if required the pits shall be dewatered before back filling and compaction. The complete area shall be cleared up of all scattered materials.

8.0 PROVISIONS FOR TRAFFIC MANAGEMENT DURING CONSTRUCTION

The Machinery & Excavation for boring pit and receiving pits shall be placed outside the Right of Way of Utility and the pipeline laying process shall satisfy all the requisite Indian / International regulatory standards and shall in no way interfere with the existing system.

TYPICAL CROSS SECTIONAL DRAWING

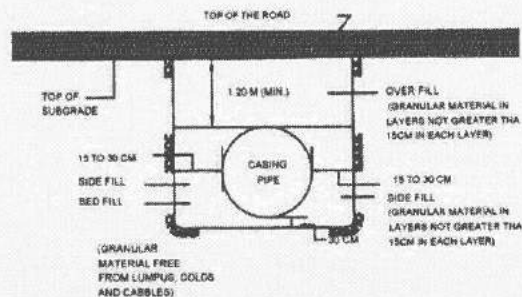


FIGURE-1 INSTALLATION OF CASING PIPE FOR CROSSING THE ROAD

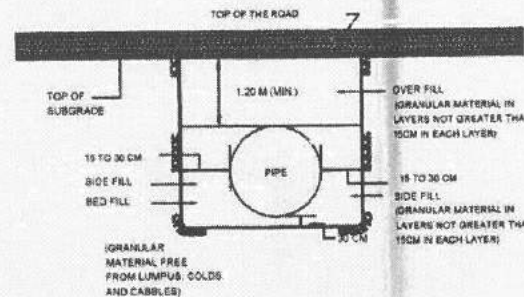


FIGURE-2 INSTALLATION OF PIPE FOR ALONG THE ROAD



HINDUSTAN PETROLEUM CORPN. LTD
BANGALORE

VIJAYAWADA-DHARMAPURI PRODUCT PIPELINE PROJECT
NATIONAL HIGHWAY-4 CROSSING AT CHAINAGE-217.05KM
SECTION - ANDHRA PRADESH

R. RAJESH

General Manager Pipeline Projects
Hindustan Petroleum Corporation Limited
2nd Floor, No.332, Darus Salam Building,
Queen's Road, Bangalore - 580052.

UNIT RATES - VILLAGE WISE

District Name	CHITTOOR	Mandal Name	GANGAVARAM	
City/Town/Village	GANDRAJUPALLE	Survey No.	<div>Select 1 To view Survey No. Wise Details</div>	
S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	MARLAPALLE	Dry land	230,000	01/08/2019
2.	KOTHASAMALAGADDA	Dry land	230,000	01/08/2019
3.	JANGALAPALLE	Dry land	230,000	01/08/2019
4.	GANDRAJUPALLE	Dry land	230,000	01/08/2019
5.	CHINNAGANAPALLE	Dry land	230,000	01/08/2019
6.	BASAVARAJAPURAM	Dry land	230,000	01/08/2019
7.	BANDAINDLU	Dry land	230,000	01/08/2019
8.	ULLIGUNTA	Dry land	230,000	01/08/2019
9.	UGINI	Dry land	230,000	01/08/2019
10.	SARANTLAPALLE	Dry land	230,000	01/08/2019
11.	NALUGURODLU	Dry land	230,000	01/08/2019
12.	NALLATHUMMANAPALLE	Dry land	230,000	01/08/2019
13.	MARRIMAKULAPALLE	Dry land	230,000	01/08/2019
14.	MARREPALLE @ A.S.INDLU	Dry land	230,000	01/08/2019
15.	ANANTHAPURAM	Dry land	230,000	01/08/2019
16.	ALAKUPPAM	Dry land	230,000	01/08/2019
17.	CHINNAKUNTLA	Dry land	230,000	01/08/2019
18.	BANDAINDLU	Wet Land double crop	296,000	01/08/2019
19.	ANANTHAPURAM	Wet Land double crop	296,000	01/08/2019
20.	ALAKUPPAM	Wet Land double crop	296,000	01/08/2019
21.	KOTHASAMALAGADDA	Wet Land double crop	296,000	01/08/2019
22.	JANGALAPALLE	Wet Land double crop	296,000	01/08/2019
23.	CHINNAKUNTLA	Wet Land double crop	296,000	01/08/2019
24.	CHINNAGANAPALLE	Wet Land double crop	296,000	01/08/2019
25.	GANDRAJUPALLE	Wet Land double crop	296,000	01/08/2019
26.	BASAVARAJAPURAM	Wet Land double crop	296,000	01/08/2019
27.	ULLIGUNTA	Wet Land double crop	296,000	01/08/2019
28.	UGINI	Wet Land double crop	296,000	01/08/2019
29.	SARANTLAPALLE	Wet Land double crop	296,000	01/08/2019
30.	NALUGURODLU	Wet Land double crop	296,000	01/08/2019
31.	NALLATHUMMANAPALLE	Wet Land double crop	296,000	01/08/2019
32.	MARRIMAKULAPALLE	Wet Land double crop	296,000	01/08/2019
33.	MARREPALLE @ A.S.INDLU	Wet Land double crop	296,000	01/08/2019
34.	MARLAPALLE	Wet Land double crop	296,000	01/08/2019
35.	ULLIGUNTA	Coconut Garden	371,000	01/08/2019
36.	UGINI	Coconut Garden	371,000	01/08/2019
37.	SARANTLAPALLE	Coconut Garden	371,000	01/08/2019
38.	NALUGURODLU	Coconut Garden	371,000	01/08/2019
39.	NALLATHUMMANAPALLE	Coconut Garden	371,000	01/08/2019
40.	GANDRAJUPALLE	Coconut Garden	371,000	01/08/2019
41.	MARRIMAKULAPALLE	Coconut Garden	371,000	01/08/2019
42.	MARREPALLE @ A.S.INDLU	Coconut Garden	371,000	01/08/2019
43.	MARLAPALLE	Coconut Garden	371,000	01/08/2019
44.	KOTHASAMALAGADDA	Coconut Garden	371,000	01/08/2019
45.	JANGALAPALLE	Coconut Garden	371,000	01/08/2019
46.	CHINNAKUNTLA	Coconut Garden	371,000	01/08/2019
47.	CHINNAGANAPALLE	Coconut Garden	371,000	01/08/2019
48.	BASAVARAJAPURAM	Coconut Garden	371,000	01/08/2019
49.	BANDAINDLU	Coconut Garden	371,000	01/08/2019

	ANANTHAPURAM	Coconut Garden		01/08/2019*
50.				
51.	ALAKUPPAM	Coconut Garden	371,000	01/08/2019
52.	ULLIGUNTA	Agricultural Land fit for H.S.	1,631,000	01/08/2019
53.	UGINI	Agricultural Land fit for H.S.	1,631,000	01/08/2019
54.	SARANTLAPALLE	Agricultural Land fit for H.S.	1,631,000	01/08/2019
55.	NALUGUROADLU	Agricultural Land fit for H.S.	1,631,000	01/08/2019
56.	NALLATHUMMANAPALLE	Agricultural Land fit for H.S.	1,631,000	01/08/2019
57.	GANDRAPALLE	Agricultural Land fit for H.S.	1,631,000	01/08/2019
58.	MARRIMAKULAPALLE	Agricultural Land fit for H.S.	1,631,000	01/08/2019
59.	MAREPALLE @ A.S.INDLU	Agricultural Land fit for H.S.	1,631,000	01/08/2019
60.	MARLAPALLE	Agricultural Land fit for H.S.	1,631,000	01/08/2019
61.	KOTHASAMALAGADDA	Agricultural Land fit for H.S.	1,631,000	01/08/2019
62.	JANGALAPALLE	Agricultural Land fit for H.S.	1,631,000	01/08/2019
63.	CHINNAKUNTLA	Agricultural Land fit for H.S.	1,631,000	01/08/2019
64.	CHINNAGANAPALLE	Agricultural Land fit for H.S.	1,631,000	01/08/2019
65.	BASAVARAJAPURAM	Agricultural Land fit for H.S.	1,631,000	01/08/2019
66.	BANDAJNDLU	Agricultural Land fit for H.S.	1,631,000	01/08/2019
67.	ANANTHAPURAM	Agricultural Land fit for H.S.	1,631,000	01/08/2019
68.	ALAKUPPAM	Agricultural Land fit for H.S.	1,631,000	01/08/2019
69.	JANGALAPALLE	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
70.	GANDRAPALLE	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
71.	ANANTHAPURAM	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
72.	KOTHASAMALAGADDA	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
73.	CHINNAKUNTLA	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
74.	CHINNAGANAPALLE	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
75.	ALAKUPPAM	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
76.	BANDAJNDLU	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
77.	BASAVARAJAPURAM	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
78.	ULLIGUNTA	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
79.	UGINI	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
80.	SARANTLAPALLE	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
81.	NALUGUROADLU	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
82.	NALLATHUMMANAPALLE	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
83.	MARRIMAKULAPALLE	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
84.	MAREPALLE @ A.S.INDLU	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019
85.	MARLAPALLE	Land abutting NH/SH/ZPP/MPP	561,000	01/08/2019

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Note :

1. This is provisional information as per records maintained by registration department for the purpose of helping the registering public to estimate the stamp duty only, subject to change due to revision of market value once in a year OR adhocy due to anomalies.

2. For further details contact Sub Registrar office

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DEBAND VICTOR
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 HPCL, VDPL-MADANAPALLE.