



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.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश

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

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भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Lr.No.NHAI/RO-VJA/11045/NOC/2016/ 2141

Dt.07.09.2018

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

Sub: Permission for laying of 16" dia Petroleum Pipeline along with OFC (Optical Fibre Cable) from Paradip to Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road in Vishakhapatnam District in the State of Andhra Pradesh - Public comments - Reg.


Sir,

Please find enclosed herewith a proposal of M/s. IOCL seeking NOC for laying of 16" dia Petroleum Pipeline along with OFC (Optical Fibre Cable) from Paradip to Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road in Vishakhapatnam District in the State of Andhra Pradesh.

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

Yours faithfully,

Encl: As above


(Anil Dixit),
Regional Officer

Copy to: 1) PD, PIU - Visakhapatnam - for information
2) M/s. IOCL, Visakhapatnam - for information



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National Highways Authority of India

(Ministry of Road Transport & Highways)

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Office of the Regional Officer, Andhra Pradesh Region

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

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Lr.No.NHAI/RO-VJA/11045/NOC/2016/ 2142

Dt.07.09.2018

INVITATION OF PUBLIC COMMENTS


Sub: Permission for laying of 16" dia Petroleum Pipeline along with OFC (Optical Fibre Cable) from Paradip to Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road in the State of Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of M/s. IOCL for laying of 16" dia Petroleum Pipeline along with OFC (Optical Fibre Cable) from Paradip to Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road in the State of Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 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.

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


(Anil Dixit),
Regional Officer



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(MINISTRY OF ROAD TRANSPORT & HIGHWAYS)

परियोजना कार्यान्वयन इकाई (जि क्यू), भा.रा.रा.पा. एन्क्लेव, कि.मी. 2/8 रा.रा. 5.,
Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत
Hanumanthavaka, Visakhapatnam - 530 040, A.P., India



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

दूरभाष / Phone : 0891-2707600

2714119

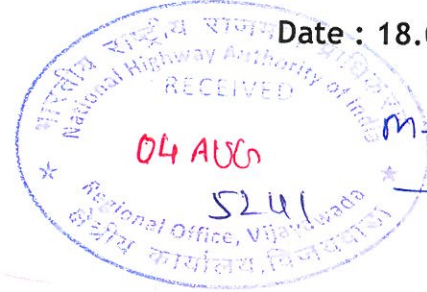
फाक्स / Fax No. : 0891-2714118

ई-मेल / E-mail : vis@nhai.org

Ref. No.: NHAI/12800/PIU-VSP/IOL/2018/23943

To

The Regional Officer
National Highways Authority of India
Regional Office, Plot No. 21
Teacher's Colony, Gurunanak Nagar Road
Vijayawada - 520 008



Date : 18.07.2018

Sub: NHAI, PIU, Visakhapatnam - Permission for laying 16" dia petroleum pipeline along with Optical Fibre Cable from Paradip - Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road (twin pipes); and (iv) at Km 10.131 of Port Main Road - Submission of Proposal - Reg.

Ref: e-mail dated 11.07.2018 of the Regional Office, NHAI, Vijayawada

Sir,

This has reference to above cited vide which it has been requested (i) to rectify the rate conversion from Sq. yard to Sq. Meter in the license fee calculations and submit the same duly signed by Project Director; and (ii) to furnish register of records of permission earlier accorded.

In this connection, please find enclosed herewith (i) the calculation of license fee and bank guarantee amount as per Ministry guidelines and (ii) copy of register records of permission earlier accorded for taking further necessary action.

Thanking you.

Encl: As stated

Yours faithfully,

[Signature]
18/07/18

[J. Ch. Venkata Ratnam]
Project Director

[Signature]

Building a Nation, Not Just Roads

निगमित कार्यालय : जी-5, एवं.6, सेक्टर-10, द्वारका, नई दिल्ली-110 075. वेब साइट : <http://www.nhai.org>
Corporate Office : G-5 & 6, Sector-10, Dwaraka, NEW DELHI - 110 075, Website : <http://www.nhai.org>

Calculation of License Fees & Bank Guarantee Amount

Proposal for Laying of 16" Petroleum Product Pipeline along with Optical Fibre Cable from Paradiip to Hyderabad (PHPL) across NH at 717.876 & at Km 717.881 in the State of Andhra Pradesh under the jurisdiction of NHAI, PIU, Visakhapatnam

Sl. No.	Name of Village	Chainage		Area required Sq. Mtrs.	Utilized NH Land Area Sq. Mtrs.	Prevailing rate of Land in Rs./Sq. Yard (As per Revenue Records)	Prevailing rate of Land in Rs./Sq. Mtrs. (Rate per Sq. Yard *1.196)	Amount Rs.	Remarks
		from km	to km						
1	Pullambhattapalem Village (at Km 717.876)	717.000	718.000	0.5588m	33.528	4,000	4,784	1,60,398	
2	Pullambhattapalem Village (at Km 717.881)	717.000	718.000	0.5588m	33.528	4,000	4,784	1,60,398	
3	Venkatapathirajupeta Village (at Km 10.126)	10.000	11.000	0.5588m	27.94	8,000	9,568	2,67,330	
4	Venkatapathirajupeta Village (at Km 10.131)	10.000	11.000	0.5588m	27.94	8,000	9,568	2,67,330	
Total					122.936				
Total Amount								8,55,456	
License Fees (Rs./month) = 8,55,456/10*12								7,129	
Total License Fees for 5 years = 7,129*12*5								4,27,740	
Total License Fees payable by GVMC for Laying of Public Utility Service -----> (For Public Utility 33% of Industrial Utilities as per point No. 5 of MoRTH gude lines vide letter No. RW/NH-33044/29/2015/S&R(R) Dated: 22 nd November, 2016 i.e. Rs. 4,27,740*33%)								1,41,154	

Performance Bank Guarantee Amount calculation		
Amount of Performance Bank Guarantee to be submitted = Total utilized NH length in Mtrs. x Rs. 250/- per square meter as per Point No. 6 of MoRTH gude lines vide letter No. RW/NH-33044/29/2015/S&R(R) Dated: 22 nd November, 2016 i.e. 60 Mtrs. x Rs. 250/(for utility services such as Pipes (>300 mm dia/Width but <=1000 mm) etc.,)	Km 717.876	8,382
	Km 717.876	8,382
	Km 717.876	6,985
	Km 717.876	6,985
Total Performance Bank Guarantee		30,734


 Project Director

NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIU, VISAKHAPATNAM

RECORDS OF RIGHT-OF-WAY PERMISSION GRANTED FOR LAYING OF OFC CABLES

1. Name of State : Andhra Pradesh

2. Name of PIU of NHAI : Visakhapatnam

3. NH Number : 5 (Old) 16 (New)

S. No.	Location (chainage in Km.)	Left or Right side of NH (towards increasing chainage/ Km. direction)	Section and reach	Kind of service	Name of licensee and contact address	Date of signing of agreement	Date of validity of agreement	Date of last inspection	Any deviation from MOST standard norms	Remarks
1	at Km 744/400	Crossing of NH on Left side 22.87m and on Right side 37.13 m	Kolkata - Chennai corridor	OFC cables	M/s. Bharti Airtel Ltd., Vijayawada	02.01.2007	01.01.2027	-	-	Crossing at Pudimadaka Village
2	From Km 551 to 544; From Km 555/5 to 581/4; From Km 586/6 to 600/2	Laying of OFC for a total length of 48,500 meters along NH-16	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	30.03.2015	29.03.2035	-	-	
3	From Km 495 to 503/6; From Km 513/3 to 520/8; From Km 532/1 to 544	Laying of OFC for a total length of 28,000 meters along NH-16	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	30.03.2015	29.03.2035	-	-	
4	From Km 503/6 to 513/3; From Km 520/8 to 532/1; From Km 551 to 555/5	Laying of OFC for a total length of 25,500 meters along NH-16	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	30.03.2015	29.03.2035	-	-	
5	From Km 608/6 to 676/2	Laying of OFC for a total length of 67,600 meters along NH-16	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	14.01.2014	13.01.2034	-	-	
6	From Km 676/2 to 681/7; From Km 683 to 701	Laying of OFC for a total length of 23,500 meters along NH-16	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	04.02.2014	03.02.2034	-	-	
7	From Km 722/3 to 741/3	Laying of OFC for a total length of 19,000 meters along NH-16	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	14.01.2014	13.01.2034	-	-	-
8	From Km 746/5 to 766/4; From Km 774/4 to 800/0	Laying of OFC for a total length of 45,500 meters along NH-16	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/VSP/13-14/6739 Dt 23.10.2013				The Agency has submitted BG for an amount of Rs.45,50,000/-
9	From Km 703/0 to Km 721/9	Laying of OFC across for a total length of 1,400 meters along NH-16	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	25.08.2014	24.08.2034	-	-	-

RECORDS OF RIGHT-OF-WAY PERMISSION GRANTED FOR LAYING OF OFC CABLES

1. Name of State : Andhra Pradesh
 2. Name of PIU of NHAI : Visakhapatnam
 3. NH Number : 5 (Old) 16 (New)

S. No.	Location (chainage in Km.)	Left or Right side of NH (towards increasing chainage/ Km. direction)	Section and reach	Kind of service	Name of licensee and contact address	Date of signing of agreement	Date of validity of agreement	Date of last inspection	Any deviation from MOST standard norms	Remarks
10	From Km 744/0 to Km 745/6 (LHS) and from Km 745/600 to Km 746/400 (RHS) and crossing at Km 745/600	Laying of OFC along NH-16 and crossing at Km 745/600 for a total length of 2,440 meters along NH-16	Kolkata - Chennai corridor	OFC cables	Bharat Sanchar Nigam Ltd.,	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/VSP/13-14/2471 Dt 22.08.2014				The DE, BSNL, Visakhapatnam has submitted BG for an amount of Rs.2,44,000/-. Letter to proceed has been issued vide this office letter dtd. 16/03/2015.
11	From Km 475/700 TO Km 523/050 on RHS for a length of 47,350 Kms and from Km 523/050 to Km 523/400 on LHS for a length of 350 meters and road crossing at Km 523/050 for a length of 60 meters (Total length 47,760 Kms)	Laying of OFC along NH-16 for a total length of 47,760 Kms along NH-16	Kolkata - Chennai corridor	OFC cables	PIGC, Ministry of Defence	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/1817 Dt 01.07.2015				The Agency has submitted BG for an amount of Rs.48,70,000/-
12	From Km 477/000 to Km 495/000 on RHS and 2 Nos. crossing at Km 477/030 and Km 492/061	Laying of OFC for a total length of 18,120 meters (i.e. along NH-16 for 18,000 meters and 2 crossings for 120 meters)	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/1517 Dt.03.06.2015				The Agency has submitted BG for an amount of Rs.18,12,000/-
13	From Km 744.300 to Km 746.800 and across NH-16 at Km 691.302, 694.250, 699.900, 700.840, 704.425, 720.600, 722.000, 723.390, 730.050, 732.490, 744.300 and 746.362	Laying of OFC for a total length of 3,220 Mts (along NH 2500 Meters and across the road 720 mtrs)	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Hyderabad	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/1516 Dt. 03.06.2015				The Agency has submitted BG for an amount of Rs.3,22,000/-
14	From Km 555/500 TO Km 555/600 on LHS for a length of 100 meters and from Km 555/600 to Km 600/100 on RHS for a length of 44.50 Kms., and road crossing at Km 555/600 & 600/100 for a length of 120 meters (Total length 44.72 Kms)	Laying of OFC along NH-16 for a total length of 44.720 Kms along NH-16	Kolkata - Chennai corridor	OFC cables	PIGC, Ministry of Defence	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/2143 Dt 30.07.2015				The Agency has submitted BG for an amount of Rs.46,60,000/-
15	From Km 609/000 to Km 661/000 on LHS for a length of 52.00 Kms., and road crossing at Km 661/000 for a length of 60 meters (Total length 52.60 Kms)	Laying of OFC along NH-16 for a total length of 44.720 Kms along NH-16	Kolkata - Chennai corridor	OFC cables	PIGC, Ministry of Defence	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/2142 Dt 30.07.2015				The Agency has submitted BG for an amount of Rs.53,00,000/-

RECORDS OF RIGHT-OF-WAY PERMISSION GRANTED FOR LAYING OF OFC CABLES

1. Name of State : Andhra Pradesh
2. Name of PTU of NHAI : Visakhapatnam
3. NH Number : 5 (Old) 16 (New)

S. No.	Location (chainage in Km.)	Left or Right side of NH (towards increasing chainage/ Km. direction)	Section and reach	Kind of service	Name of licensee and contact address	Date of signing of agreement	Date of validity of agreement	Date of last inspection	Any deviation from MOST standard norms	Remarks
16	From Km 672/600 to Km 722/250 on RHS for a length of 49.650 Kms., (Total length 49.650 Kms)	Laying of OFC along NH-16 for a total length of 44.720 Kms along NH-16	Kolkata - Chennai corridor	OFC cables	PIGC, Ministry of Defence	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/2336 Dt 20.08.2015				The Agency has submitted BG for an amount of Rs.49,65,000/-
17	From Km 774/000 to Km 799/000 for a length of 25.000 Kms., (Total length 25.000 Kms)	Laying of OFC along NH-16 for a total length of 44.720 Kms along NH-16	Kolkata - Chennai corridor	OFC cables	PIGC, Ministry of Defence	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/2144 Dt 30.07.2015				The Agency has submitted BG for an amount of Rs.25,00,000/-
18	From Km 722/250 to Km 744/400 for a length of 22.150 Kms., (Total length 22.150 Kms)	Laying of OFC along NH-16 for a total length of 44.720 Kms along NH-16	Kolkata - Chennai corridor	OFC cables	PIGC, Ministry of Defence	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/2140 Dt 30.07.2015				The Agency has submitted BG for an amount of Rs.22,15,000/-
19	From Km 661/000 to Km 707/500 for a length of 46.50 Kms., (Total length 22.150 Kms) and Crossing at Km. 661/000 for a length of 60 meters (total length: 46.560 Kms.,)	Laying of OFC along NH-16 for a total length of 44.720 Kms along NH-16	Kolkata - Chennai corridor	OFC cables	PIGC, Ministry of Defence	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/2141 Dt 30.07.2015				
20	Km744/300 to km.746.800(Total Length 3,220) and crossing at Km691.302,964.250,699,900,700,840,704,425,720.600/722.000/723.390/730,050/732.490/744.300	Laying of OFC along NH-16 for a total length of 3,220 Kms along NH-16(along across the road 720m)	Kolkata - Chennai corridor	OFC cables	M/s. Reliance Jio Infocomm Ltd., Mumbai	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-HYD/11012/1/09-VSP/1516 Dt 03.06.2015				The Agency has submitted BG for an amount of Rs.3,22,000/-
21	From Km 710.800 for a length of 800m and crossing at Km710.880 (Length - 60m) Total length 22.150 Kms	Laying of OFC along NH-16 for a total length of 860 Kms along NH-16(along across the road 60m)	Kolkata - Chennai corridor	OFC cables	IDEA Cellular Ltd.KLK Estate, Fatech Maidan Road, Hyderabad -500001	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-VJA/11014/1/16-VSP/859 Dt 25.07.2016				The Agency has submitted BG
22	11 No. of crossings and laying of OFC from Km 693.390 to 784.900 for a length of 8040m	11 No. of crossings and laying of OFC from Km 693.390 to 784.900 for a length of 8040m	Kolkata - Chennai corridor	OFC cables	IDEA Cellular Ltd.KLK Estate, Fatech Maidan Road, Hyderabad -500001	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-VJA/11045/NOC/2016/2959 Dt 01.05.2017				The Agency has submitted BG
23	Laying of OFC cables across NH at Km 544.920, Km 560.282 in Srikakulam District and at Km 739.998		Kolkata - Chennai corridor	OFC and Petroleum pipeline	IOCL	In-principle approval of Competent Authority has been accorded vide Lr.No. NHAI/RO-VJA/11045/NOC/2016/1280 dt. 31.05.2018				The Agency has to submit the BG and License fee.
24	Laying of OFC cable across NH-16 at Km 703.620 to 714.520; Km 714.530 to 715.520, Km 718.390 to 720.290 and along Port Road for a total length of 18,090m	3 No. of crossings and laying of OFC along NH-16 to have connectivity to Eastern Naval Command	Kolkata - Chennai corridor	OFC cables	TCIL (A Govt., India Enterprise)	Proposal submitted to NHAI, RO, Vijayawada. Approval is awaited.				
25	At Km 6/700, 7/000, 7/300, 7/600, 7/900, 8/200, 8/500, 8/800, 9/100, 9/450, 9/750, 10/000 and 10/320	Crossing	Port Road	Optical Fiber Cable	Reliance Jio Infocomm Limited	03.11.2016	01 year	-	No	

RECORDS OF RIGHT-OF-WAY PERMISSION GRANTED FOR LAYING OF OFC CABLES

1. Name of State : Andhra Pradesh
2. Name of PIU of NHAI : Visakhapatnam
3. NH Number : 5 (Old) 16 (New)

S. No.	Location (chainage in Km.)	Left or Right side of NH (towards increasing chainage/ Km. direction)	Section and reach	Kind of service	Name of licensee and contact address	Date of signing of agreement	Date of validity of agreement	Date of last inspection	Any deviation from MOST standard norms	Remarks
	From Km 0/000 to Km 10/400	along the road								
26	Between 3/0 to 10/400	Along the rod	Port Road	27 Nos. of Poles	Reliance Jio Infocomm Limited	---	---	--	No	


 [J. CH. VENKATA RATNAM]
 PROJECT DIRECTOR



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(MINISTRY OF ROAD TRANSPORT & HIGHWAYS)

परियोजना कार्यान्वयन इकाई (जि क्यू), भा.रा.रा.पा. एन्क्लेव, कि.मी.2/8 रा.रा.5.,
Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत
Hanumanthavaka, Visakhapatnam - 530 040, A.P., India



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

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फाक्स / Fax No. : 0891-2714118
ई-मेल / E-mail : vis@nhai.org

NHAI/12800/PIU-VSP/KTSPL/ 2015/ 23567.

14.06.2018

To

The Regional Officer
National Highways Authority of India
Regional Office, Plot No. 21
Teacher's Colony, Gurunanak Nagar Road
Vijayawada - 520 008



Sub: NHAI, PIU, Visakhapatnam - Permission for laying 16" dia petroleum pipeline along with Optical Fibre Cable from Paradip - Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road (twin pipes); and (iv) at Km 10.131 of Port Main Road - Submission of Proposal - Reg.

Ref: (i) Letter No. PHPL/VZG/CONST/NH/111-B dated 16.04.2018 of M/s Indian Oil Corporation Ltd.,
(ii) M/s LION Engineering Consultants letter No. LEC/Project Office/NHAI-PIU-VSP/IOCL-PIPE LINE-OFC/2018/701 dated 21.05.2018

Sir,

1. M/s Indian Oil Corporation Limited submitted a proposal vide reference (i) cited above with a request to accord permission for laying 16" dia petroleum pipeline along with Optical Fibre Cable from Paradip - Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road (twin pipes); and (iv) at Km 10.131 of Port Main Road.
2. The mentioned pipeline intends to cross the Highway at various locations and ROW details as per the available records is 60 Mts at Km 717.876 & 50 Mts. at Kms 717.881; at Km 10.126 and at Km 10.131.
3. The Checklist submitted by the Agency is duly verified for relevant information against each item and are found correct as per the requirement.
4. The following documents are submitted by the Agency.
 - (a) Proposal letter
 - (b) check list (annexure - II)
 - (c) Agreement regarding granting of Right of way permission for laying Utility Services on NH
 - (d) Affidavit

Building a Nation, Not Just Roads

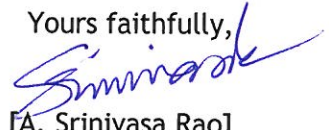
निगमित कार्यालय : जी-5, एवं.6, सेक्टर-10, द्वारका, नई दिल्ली-110 075. वेब साइट : <http://www.nhai.org>
Corporate Office : G-5 & 6, Sector-10, Dwaraka, NEW DELHI - 110 075, Website : <http://www.nhai.org>

- (e) Authorization by the IOCL for signing and execution of documents
- (f) Construction methodology
- (g) Key Map
- (h) License Fee calculations in line with MoRTH guidelines
- (i) Vetting report of design calculations from Andhra University
- (j) Cross sectional drawing pertaining to cased crossing.

5. Hence, the proposal of M/s Indian Oil Corporation Ltd., Visakhapatnam seeking permission for laying 16" dia petroleum pipeline along with Optical Fibre Cable from Paradip - Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road (twin pipes); and (iv) at Km 10.131 of Port Main Road may be considered favourably and communicate the approval at an early date.

Thanking you,

Yours faithfully,



[A. Srinivasa Rao]

Project Director

Enclosures:

Proposal in 'two' sets (1 original + 1 duplicate)

C E R T I F I C A T E

It is certified that the proposal for laying 16" dia petroleum pipeline along with Optical Fibre Cable from Paradip - Hyderabad at (i) Km 717.876 (twin pipes); (ii) at Km 717.881; (iii) at Km 10.126 of Port Main Road (twin pipes); and (iv) at Km 10.131 of Port Main Road is confirming of all standards as per the MORTH Circular vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.

It is certified that there will be no hindrance to the six laning based on the feasibility at the said locations, if six-laning project is taken up.

It is certified that the details of the proposed permission shall be entered in the Register of Records of the Permission maintained by PIU.

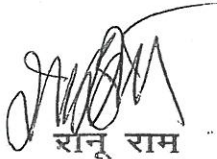


[A. SRINIVASA RAO]
PROJECT DIRECTOR
NHAI, PIU, VISAKHAPATNAM

CHECK LIST	
Guidelines for processing the proposal for laying petroleum pipeline in the land across National Highway vested with NHAI	
Relevant circulars	
1.	Ministry circular No. NH-41(58)/68 dated 31-01-1969
2.	Ministry circular No. NH-III/P/66/76 dated 18-11-1976
3.	Ministry circular No. RW-NJ-III/P/66/76 dated 01-05-1982
4.	Ministry circular No. RW/NH-11037/1/86-DOI(II) dated 28-07-1993
5.	Ministry circular No. RW/NH-11037/1/86-DOI dated 19-01-1995
6.	Ministry Circular No. RW/NH-34066/2/95/S&R dated 25-10-1999
7.	Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17-09-2003
8.	Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016

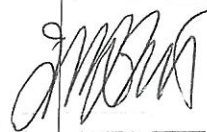
Checklist for getting approval for laying of Petroleum pipeline along with OFC on NH land

S. No.	Item	Information/Status	Remarks
1	General Information	Proposal for permission to lay 16" petroleum product pipeline along with 40 mm dia. HDPE duct for laying OFC at following locations in Andhra Pradesh state: (i) NH 16 between KM Stone 717 and 718 KM (717.876 KM) (ii) NH 16 between KM Stone 717 and 718 KM (717.881 KM) (iii) Port Main Road between KM Stone 10 and 11 KM (10.126 KM) (iv) Port Main Road between KM Stone 10 and 11 KM (10.131 KM)	[Twin pipelines] [Twin pipelines]
1.1	Name and address of the Applicant/Agency	Indian Oil Corporation Limited (Pipelines Division), Paradip-Hyderabad Pipeline Project, 4 th Floor, LIC Annexe Building, Thikkanna (Diamond Park) Road, Near RTC Complex, Visakhapatnam-530004	
1.2	National Highway Number	(i) NH-16 (ii) Port Main Road	
1.3	State	Andhra Pradesh	
1.4	Location	1. NH-16 between KM stone 717-718 (717.876 KM) near Sheela Nagar, Visakhapatnam of Visakhapatnam District 2. NH-16 between KM stone 717-718 (717.881 KM) near Sheela Nagar, Visakhapatnam of Visakhapatnam District	[Twin pipelines]


रानू राम
RANU RAM
 महाप्रबंधक (निर्माण)
 GENERAL MANAGER (CONST.)
 इंडियन ऑयल कॉर्पोरेशन लिमिटेड
 Indian Oil Corporation Limited
 पारादीप, हैदराबाद, आंध्रप्रदेश


Srinivasa
Project Director

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	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).	(i) NH-16 – 4 lanes (ii) Port Main Road – 4 lanes	
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		
	(b) Right side from center line		
1.15	Proposed service road	NO	
	(a) Left side from center line		
	(c) Right side from center line		
1.16	Whether proposal to lay the petroleum pipeline is after the service road or between the service road and main carriageway.	NA	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway. Bridges. If yes, then mention the methodology proposed for the same.	NA	
1.18	Whether carrying of sewage/gas pipeline has been proposed on the parapet/ any part of the bridges. If Yes, then mention the methodology proposed for the same.	NA	
1.19	If crossings of the road	Yes	


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 पारादीप, ओडिशा
 Paradip, Odisha
 Paradiip Hyderabad Pipeline Project
 विजय / Vizag

	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		
	(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, 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.	A single 22" OD x 0.344" WT, API 5L, Grade-B casing pipe for both Carrier pipe and OFC conduit at each crossing	
	(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	Yes	

[Signature]

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India Oil Corporation Limited
पारादिप
Paradip Project


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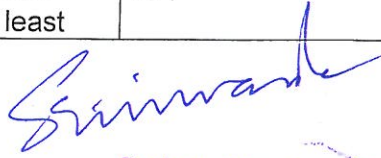
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	cuts and toe of slope in the fills.		
	(g) The top of the casing/conduit pipe should be at least 1.2 meters below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details.	Yes	
	(h) Mention the 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.	The pipeline will be laid by CASED CROSSING Method which is trenchless method.	
	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes	
2	Document/Drawings to be enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep * 0.3m wide) i. Should not be greater than 60cm wider than the outer	Not applicable	


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 Paradip Hyderabad Pipeline Project
 विजाग / Vizag

Project Director

	<p>ii. diameter of the pipe 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</p> <p>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.</p> <p>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.</p>		
2.2	Cross section showing the size of pit and location of cable for Cased Crossing Method	Yes	
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 ROW, important mile stone, intersections, cross drainage works etc.	Yes	
2.4	Methodology for laying of the petroleum pipe line	The pipeline will be laid by CASED CROSSING 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.	NA	
	(a) The trench width should be at least	NA	<p></p> <p>रानू राम RANU RAM महाप्रबंधक (निर्माण) GENERAL MANAGER (CONST.) इंडियन ऑयल कॉर्पोरेशन लिमिटेड Indian Oil Corporation Limited पारादीप हैदराबाद पाइपलाइन परियोजना Paradip Hyderabad Pipeline Project विजाग / Vizag</p>



	30cm, but not more than 60 cm wider than the outer diameter of the pipe.		
	(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 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	NA	
	(e) The road crust shall be built to the same strength as the	NA	



रानू राम
RANU RAM

सहाप्रबंधक (निर्माण)

GENERAL MANAGER (CONST.)

इंडियन ऑयल कॉर्पोरेशन लिमिटेड

Indian Oil Corporation Limited

पारादीप हैदराबाद पाइपलाइन परियोजना

Paradip Hyderabad Pipeline Project

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Project Director

NH-16 & Port Main Road Crossing application of IOCL - Paradip Hyderabad Pipeline Project Page 7 of 13

Location: Near Sheela nagar, Visakhapatnam, Visakhapatnam District

P.O. VISAKHAPATNAM

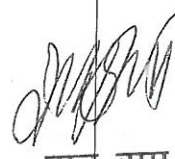
	existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.		
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	NA	
	(g) If required, a diversion shall be constructed at the expense of agency owing the petroleum line.	NA	
2.4.2	Horizontal directional drilling (HDD) method.	NO	
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 guarantee as per Ministry's circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 is obtained	Yes/No	An undertaking for agreement is attached here with
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	Yes/No	An undertaking for agreement is attached here with
5	Affidavit/ Undertaking from		


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	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	
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	Yes, Enclosed	

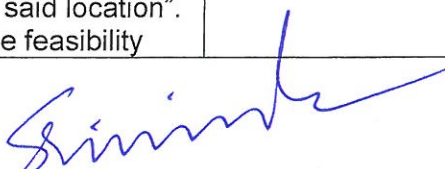

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 पारादीप हैदराबाद पाइपलाइन परियोजना
 Paradip Hyderabad Pipeline Project
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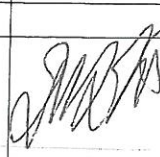
	(issued vide Ministry's circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016		
5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive safety Organization, 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 pipe line will not have any deleterious effects on any of the bridge 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."	Enclosed	


रानु राम
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 Indian Oil Corporation Limited
 पारादीप हैदराबाद पाइपलाइन परियोजना
 Paradip Hyderabad Pipeline Project
 विजाप / Vizag

6	Who will sign the agreement on behalf of pipeline agency	General Manager(Construction), Indian Oil Corporation Limited (Pipelines Division), Paradip-Hyderabad pipeline project, Visakhapatnam.	
	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 (h) "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." (ii)for 6-lanning (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". (b) In case feasibility	Yes/No	


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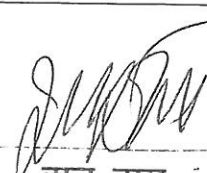

 Project Director

	report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lining".		
8	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement. "The permitted Highway on which License has been granted the right to lay 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."	Yes	
9	Who will supervise the work of laying of Gas pipe line		
	(a) On behalf of the Applicant	General Manager(Construction), Indian Oil Corporation Limited (Pipelines Division), Paradip-Hyderabad pipeline project, Visakhapatnam.	
	(b) On behalf of the MoRTH/NHAI	PD/Consultant	
10	Who will ensure that the defects in road portion after laying of petroleum pipe line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the applicant	General Manager(Construction), Indian Oil Corporation Limited (Pipelines Division), Paradip-Hyderabad Pipeline Project, Visakhapatnam	
	(b) On behalf of NHAI	PD/Consultant	
11	Who will pay the claims for damage done/disruption in working of concessionaire if asked by the concessionaire		
	On behalf of the applicant	Indian Oil Corporation Limited (Pipelines	 रानू राम RANU RAM महाप्रबंधक (निर्माण)

GENERAL MANAGER (CONST.)
इंडियन ऑयल कॉर्पोरेशन लिमिटेड
Indian Oil Corporation Limited
पारादीप-हैदराबाद पाइपलाइन परियोजना
Paradip-Hyderabad Pipeline Project

		Division) Paradip-Hyderabad Pipeline Project, Visakhapatnam and NHAI	
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/No	
13	If any various approvals are accorded for laying of underground petroleum pipe line then Photocopy of register of records of permission accorded (as maintained by PD) be enclosed.	Yes/No	


Project Director
National Highways Authority of India
P.I.U. VISAKHAPATNAM


रानु राम
RANU RAM
महाप्रबंधक (निर्माण)
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