



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)



श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगारीथोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in

Lr.No NHAI/RO-VJA/11045/NOC/PSFL/2022-23/ 2260

July 07, 2022.

### INVITATION OF PUBLIC COMMENTS

**Sub: RO - Vijayawada** - permission for laying of OFC Cable using HDD Method on NH-216A & 16 crossing at Km. 747/450, 774/350, 781/290, 782/000, 788/000, 791/150, 792/000, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 833/200, 838/000, 844/130, 846/750, 852/850, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 895/250, 917/800, 926/410, 927/950, 928/400, 930/100, 942/610, 944/000, 945/300, 947/350 and for a total route length of crossing 1516 meters (Across the road) Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Thodangi, Sankhavaram, Prathipadu, Gollaprolu, Kirlampudi Jaggampeta, Gandepalle, Rajanagaram, Almurur, Kadiam and Ravulapalem Mandals in Anakapalli, Kakinada and East Godavari Districts of Andhra Pradesh - **Public comments** - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of M/s. APSFL for according permission for laying of OFC Cable using HDD Method on NH-216A & 16 crossing at Km. 747/450, 774/350, 781/290, 782/000, 788/000, 791/150, 792/000, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 833/200, 838/000, 844/130, 846/750, 852/850, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 895/250, 917/800, 926/410, 927/950, 928/400, 930/100, 942/610, 944/000, 945/300, 947/350 and for a total route length of crossing 1516 meters (Across the road) Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Thodangi, Sankhavaram, Prathipadu, Gollaprolu, Kirlampudi Jaggampeta, Gandepalle, Rajanagaram, Almurur, Kadiam and Ravulapalem Mandals in Anakapalli, Kakinada and East Godavari Districts of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22<sup>nd</sup> 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,  
Regional Office, Dr. No.41-29-45A, R. S. No.373/2A  
Near Kodandaramalayam, Chalasani Nagar,  
Ranigarithota, Krishnalanka, Vijayawada - 520 013.  
Email: rovijayawada@nhai.org

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



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

परियोजना कार्यान्वयन इकाई - टोयोटा शोरूम के बाजू, राजमार्ग 216 ए,

दिवाण चेरुवु, राजमहेंद्रवरम - 533 102, आ.प्र

PROJECT IMPLEMENTATION UNIT - Adjacent to Toyota Showroom,

NH-216A, Diwancheruvu, Rajamahendravaram - 533102, A.P.

दूर भाष / Phone : 0883 - 2431170 ई-मेल : raj@nhai.org / piurajahmundry@gmail.com



భారత జాతీయ రహదారుల

ప్రధికార సంస్థ

రాజమహేంద్రవరము

No: NHAI/PIU-RJY/OFC/APSFL-35 locations /2022/

Date: 25.06.2022

To

The Regional Officer,  
National Highways Authority of India,  
**Vijayawada-520 013**



Sub: NHAI, PIU, Rajamahendravaram – Permission for Laying Optical Fibre Cable across Annavaram Diwancheruvu & Siddhantham – Gundugolanu section of NH-216A & 16 in 35 locations at Km. 747/450, 774/350, 781/290, 782/000, 788/000, 791/150, 792/000, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 833/200, 838/000, 844/130, 846/750, 852/850, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 895/250, 917/800, 926/410, 927/950, 928/400, 930/100, 942/610, 944/000, 945/300, 947/350 and for a total route length of crossing 1516 meters (Across the road) Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Thodangi, Sankhavaram, Prathipadu, Gollaprolu, Kirlampudi Jaggampeta, Gandepalle, Rajanagaram, Almurru, Kadiam and Ravulapalem Mandals in Anakapalli, Kaknada & East Godavari District of Andhra Pradesh – **Proposal submitted – Approval – Requested – Reg.**

- Ref: 1). M/s. APSFL letter no APSFL/BBNL/ ROW/OFC/BBNL/ ANNAVARAM-RAJAHMUNDY/NHAI-RAJAHMUNDY/2022/002, dated 02-03-2022
- 2) This office letter no. NHAI/PIU-RJY/OFC/2022/27988, dated 11.03.2022
- 3) This office letter no. NHAI/PIU-RJY/OFC/2022/27989, dated 11.03.2022
- 4) IE, M/s. LNMIPPL letter no. LNMIPPL/NHAI/483, dated 21.03.2022
- 5). IE, M/s. Aarvee Associates Pvt. Ltd, letter no. AA/TL/TOT/NHAI/22-23/1023, dated 08.04.2022
- 6.) Concessionaire M/s. DSTPL letter no. DSTPL/NHAI/2021-22/1106, dated 25.03.2022
- 7) This office letter no. NHAI/PIU-RJY/OFC/2022/28123, dated 13.04.2022
- 8) M/s. APSFL Lr. No. APSFL/BBNL/ROW/OFC/BBNL/ ANNAVARAM – RAJAHMUNDY - GUNDUGOLANU/NHAI- RAJAHMUNDY/ 2022/ 0002, dated 25.04.2022
- 9) This office letter no. NHAI/PIU-RJY/OFC/2022/28163, dated 02.05.2022
- 10) IE, M/s. Aarvee Associates Pvt. Ltd, letter no. AA/TL/TOT/NHAI/22-23/1044, dated 10.05.2022
- 11) Concessionaire M/s. AATPL letter no. AATPL/NHAI/2021-22/1080, dated 17.05.2022
- 12) Concessionaire M/s. DATPL letter no. DATPL/NHAI/2021-22/1015, dated 17.05.2022

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13) Concessionaire M/s. DSTPL letter no. DSTPL/NHAI/2021-22/1149, dated 21.05.2022.

14) This office email dated 24.05.2022

15) M/s. APSFL Lr. No. APSFL/BBNL/RoW/OFC/RAJAMUNDRY-GUNDUGOLANU/NHAI-RAJAHMUNDRY/2002/001, dated 03.06.2022.

Sir,

1. It is to submit that M/s. Andhra Pradesh State Fibernet Limited vide reference 1<sup>st</sup> cited submitted a proposal seeking permission for Laying Optical Fibre Cable across NH-216A & NH-16 at 35 locations at Km. 747/450, 774/350, 781/290, 782/000, 788/000, 791/150, 792/000, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 833/200, 838/000, 844/130, 846/750, 852/850, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 895/250, 917/800, 926/410, 927/950, 928/400, 930/100, 942/610, 944/000, 945/300, 947/350 for a total route length of crossing 1516 meters (Across the road) Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Thodangi, Sankhavaram, Prathipadu, Gollaprolu, Kirlampudi Jaggampeta, Gandepalle, Rajanagaram, Almurru, Kadiam and Ravulapalem Mandals in Anakapalli, Kaknada & East Godavari Districts of Andhra Pradesh in accordance with the guidelines issued vide Revised MORT&H Circular / Guidelines Dt. 22.11.2016 and also as per the Revised Check List issued by MORT&H, Vijayawada Dt. 13.04.2017.
2. As per the Revised Circular Guidelines, the Agency has agreed to submit Performance Bank Guarantee and also submitted an undertaking duly stating that they will submit Performance Bank Guarantee as demanded by NHAI.
3. As the above proposal is covered in NH216A and NH16, the same has been forwarded to the IE's M/s LN Malviya Infra Projects Pvt Ltd for Package 3 & 4, M/s. Aarvee Associates Pvt. Ltd., for Package 2 for verification at site and feasibility report and to the concerned Concessionaires for their consent vide reference 2<sup>nd</sup> & 3<sup>rd</sup> cited.
4. The IE M/s LN Malviya Infra Project Pvt Ltd vide reference 4<sup>th</sup> cited has recommended the proposal with certain modifications at the location at Km 844/150 shall be changed to 844/130.
5. The IE, M/s. Aarvee Associates Pvt. Ltd vide reference 5<sup>th</sup> cited & Concessionaire Diwanthantham Tollway Pvt Ltd vide reference 6<sup>th</sup> cited, has proposed alternative locations for the proposals submitted by the applicant. Accordingly, this office vide reference 7<sup>th</sup> cited, communicated all the observations to the applicant M/s. Andhra Pradesh State Fibernet Limited for compliance and to resubmit the proposals.
6. The applicant vide reference 8<sup>th</sup> cited, has resubmitted the proposals, duly attending the observations and the same was communicated to IE and Concessionaire vide reference 9<sup>th</sup> cited for their recommendations. IE, M/s. Aarvee Associates Pvt. Ltd., vide reference 10<sup>th</sup> cited has

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recommended the proposals by stating that permission may be granted to the applicant to lay the OFC Cable. A copy of the report submitted by the IE is enclosed for ready reference.

7. Similarly, the Concessionaires vide references 11<sup>th</sup> to 13<sup>th</sup> have submitted their consent for laying of Optical Fibre Cable at the said locations subject to the provisions of clause 11.3.1 of Contract Agreement.
8. Further, it is to submit that this office vide email dated 24.05.2022 has communicated certain observations to applicant. The applicant vide reference 15<sup>th</sup> cited has resubmitted the application, duly complying the observations.
9. As seen from the proposal, the total length of OFC to be laid is across the NH at 35 locations at Km. 747/450, 774/350, 781/290, 782/000, 788/000, 791/150, 792/000, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 833/200, 838/000, 844/130, 846/750, 852/850, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 895/250, 917/800, 926/410, 927/950, 928/400, 930/100, 942/610, 944/000, 945/300, 947/350 and for a total route length of crossing 1516 meters (Across the road) Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Thodangi, Sankhavaram, Prathipadu, Gollaprolu, Kirlampudi Jaggampeta, Gandepalle, Rajanagaram, Almuru, Kadiam and Ravulapalem Mandals in Anakapalli, Kakinada and East Godavari Districts of Andhra Pradesh. The applicant has submitted the Methodology for laying of Optical Fibre Cable by HDD Method below the ground level and also across the water bodies / bridge portions wherever applicable
10. The proposal has been verified by the Undersigned as per the MORT&H revised Circular / Guidelines Dt. 22.11.2016 and also as per the Revised Check Lit issued by the MORT&H, Vijayawada Dt. 13.04.2017 and found in order. The Certificate in the prescribed format as per the MORTH Guidelines Dt. 22.11.2016 is enclosed herewith.
11. The Licence Fee for a total area of 151.60 sq.,mts., (1516 mts length x 0.10 mts width) is worked out as Rs. 977/- per sqm/month. The amount of 151.60 sqmts for a period of 5 years (60 month) is worked out as Rs. 29,32,292/- (under category of Public Utilities) @ 33%. The Specification Report along with Calculation Sheet is enclosed herewith.
12. The proposal submitted by the Agency is herewith submitted along with the following:

(1) Proposal along with enclosures	(2) Check List
(3) License Deed.	(4) Undertakings
(5) Methodology	(6) Diagrams
13. With the above, the proposal submitted by M/s. Andhra Pradesh State Fibernet Limited, Vijayawada for seeking permission for Laying Optical Fibre Cable across at 35 locations at Km. 747/450, 774/350, 781/290, 782/000, 788/000, 791/150, 792/000, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 833/200, 838/000, 844/130, 846/750, 852/850, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 895/250, 917/800, 926/410, 927/950, 928/400, 930/100,

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942/610, 944/000, 945/300, 947/350 and for a total route length of crossing 1516 meters (Across the road) Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Thodangi, Sankhavaram, Prathipadu, Gollaprolu, Kirlampudi Jaggampeta, Gandepalle, Rajanagaram, Almuru, Kadium and Ravulapalem Mandals in Anakapalli, Kakinada and East Godavari Districts of Andhra Pradesh through HDD Method, as per the Revised MORT&H Circular / Guidelines Dt. 22.11.2016 and also as per the Revised Check List issued by MORT&H, Vijayawada Dt. 13.04.2017 is herewith recommended for according necessary approval.

Thanking you,

Yours faithfully,



**(D. Surendra Nath)**  
**Project Director**

Encl: 2 files (1 Original +1 Duplicate).

## C E R T I F I C A T E

1. Undersigned has examined the proposal of the applicant for Laying Optical Fibre Cable along NH-216A & 16 in 35 locations at Km. 747/450, 774/350, 781/290, 782/000, 788/000, 791/150, 792/000, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 833/200, 838/000, 844/150, 846/750, 852/850, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 917/800, 926/410, 927/950, 928/400, 929/800, 930/100, 942/610, 944/000, 945/150, 947/450 and for a total route length of crossing 1516 meters (Across the road) Gollaprolu, Prathipadu, Sankhavaram, Thodangi, Rajanagaram, Kirlampudi, Jaggampeta, Gandepalle, Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Almurur, Kadiam and Ravulapalem mandals in Anakapalli, Kakinada & East Godavari Districts of Andhra Pradesh and confirm that all the standard conditions issued vide Ministry Circular No. RW/NH-33044/29/2015/S&(R) Dt. 22.11.2016 has been followed.
2. It is certified that any other location of utility line would be extremely difficult and unreasonable, costly and installation of utility line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway easing of curve etc., as the cable is being laid by HDD method.
3. The IE / Concessionaire of the project has recommended and given consent for the proposal.
4. I will ensure through the Independent Engineer for the project for supervision of the work of laying of utility and ensure that the defects in road portion after laying of utility are corrected.
5. I will notify / forfeit the BG for claims for damages done / disruption in working, if any.
6. I will ensure that proposed permission is entered in the Register of Records.
7. The record of previous approval, if any has been considered and copy of the same is enclosed with the proposal.

  
25/06/2022

**(D. Surendra Nath)**  
**Project Director**  
**NHAI, PIU, Rajamahendravaram**

# **LICENCE FEE ESTIMATE**

**Name of the work :** Towards License fee for Permission for Laying Optical Fibre Cable across of NH-216A & 16 in 35 locations at Km. 747/450, 774/350, 781/290, 782/000, 788/000, 791/150, 792/000, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 833/200, 838/000, 844/130, 846/750, 852/850, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 895/250, 917/800, 926/410, 927/950, 928/400, 930/100, 942/610, 944/000, 945/300, 947/350 and for a total route length of crossing 1516 meters (Across the road) Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Thodangi, Sankhavaram, Prathipadu, Gollaprolu, Kirlampudi Jaggampeta, Gandepalle, Rajanagaram, Almuru, Kadiam and Ravulapalem Mandals in Anakapalli, Kakinada and East Godavari Districts of Andhra Pradesh by M/s. Andhra Pradesh State FiberNet Limited, Vijayawada

## **Estimate - A**

### **LICENCE FEE CHARGES**

Sl.No.	Description	Name of the Village	No	Measurements			Quantity	Rate	Per	Amount
				L	B	D	Sq.m	Per Sq.m		
1	2	3	4	5	6	7	8	9	10	11
1	✓ Km. 747/450	Pisnikada	1	26.50	0.1	-	2.65	864.86	Sqm	2292
2	✓ Km. 774/350	Regupalem	1	45.00	0.1	-	4.5	790.74	Sqm	3558
3	✓ Km. 781/290	Dharmawaram Agrahram	1	45.00	0.1	-	4.5	444.79	Sqm	2002
4	✓ Km. 782/000	Penugolu	1	48.50	0.1	-	4.85	420.08	Sqm	2037
5	✓ Km. 788/000	Thimmapuram	1	45.00	0.1	-	4.5	420.08	Sqm	1890
6	✓ Km. 791/150	Nakkapalli	1	26.00	0.1	-	2.6	420.08	Sqm	1092
7	✓ Km. 792/000	Umpaka	1	39.00	0.1	-	3.9	168.03	Sqm	655
8	✓ Km. 799/400	Uddandapuram	1	26.00	0.1	-	2.6	296.53	Sqm	771
9	✓ Km. 802/600	Godicherla	1	46.38	0.1	-	4.638	296.53	Sqm	1375
10	✓ Km. 804/800	Namavaram	1	42.71	0.1	-	4.271	296.53	Sqm	1266
11	✓ Km. 805/200	Srirampuram	1	34.45	0.1	-	3.445	168.03	Sqm	579
12	✓ Km. 805/620	Guntapalli	1	34.45	0.1	-	3.445	189.04	Sqm	651
13	✓ Km. 828/600	Annaram	1	45.27	0.1	-	4.527	939.00	Sqm	4251
14	✓ Km. 833/200	Bendapudi	1	40.82	0.1	-	4.0818	939.00	Sqm	3833
15	✓ Km. 838/000	Kathipudi	1	45.32	0.1	-	4.532	706.72	Sqm	3203
16	✓ Km. 844/150	Chendurthi	1	51.24	0.1	-	5.124	884.64	Sqm	4533
17	✓ Km. 846/750	Vannepudi	1	44.40	0.1	-	4.44	333.59	Sqm	1481
18	✓ Km. 852/850	Parthipadu	1	42.60	0.1	-	4.26	842.63	Sqm	3590
19	✓ Km. 865/050	Krishnavaram	1	50.22	0.1	-	5.022	988.42	Sqm	4964
20	✓ Km. 867/800	Burgupudi	1	39.85	0.1	-	3.985	988.42	Sqm	3939
21	✓ Km. 869/600	Ramavaram	1	44.97	0.1	-	4.497	988.42	Sqm	4445
22	✓ Km. 870/400	Zamindar Rangampet	1	45.64	0.1	-	4.564	988.42	Sqm	4511
23	✓ Km. 878/200	Uppalapadu	1	44.56	0.1	-	4.456	988.42	Sqm	4404
24	✓ Km. 881/050	Mallepalle	1	38.35	0.1	-	3.835	988.42	Sqm	3791
25	✓ Km. 885/200	Gandepalli	1	46.16	0.1	-	4.616	929.86	Sqm	4292
26	✓ Km. 895/250	Rajanagaram	1	71.64	0.1	-	7.164	929.86	Sqm	6661
27	✓ Km. 917/800	Vemagiri	1	46.00	0.1	-	4.6	1235.53	Sqm	5683
28	✓ Km. 926/410	Madiki	1	37.80	0.1	-	3.78	617.76	Sqm	2335
29	✓ Km. 927/950	Madiki	1	46.60	0.1	-	4.66	1793.98	Sqm	8360
30	✓ Km. 928/400	Madiki	1	44.80	0.1	-	4.48	617.76	Sqm	2768
31	✓ Km. 930/100	Choppela	1	47.80	0.1	-	4.78	617.76	Sqm	2953
32	✓ Km. 942/610	Videraswaram	1	46.80	0.1	-	4.68	778.38	Sqm	3643
33	✓ Km. 944/000	Ithakota	1	43.10	0.1	-	4.31	815.45	Sqm	3515
34	✓ Km. 945/300	Ithakota	1	49.60	0.1	-	4.96	815.45	Sqm	4045
35	✓ Km. 947/350	Gopalapuram	1	43.80	0.1	-	4.38	1793.98	Sqm	7858
				1516.33						<b>117226.049</b>

License Fee (Rs/Sq.m/Month) =  $\frac{117226}{10 \times 12}$  = 976.88

License Fee for 5 years/Sq.Mt= 5 X 12 X 976.88 = **58613.02**

License fee fro 151.60 sqmts 151.6 x 58613.02 = 8885734.55

The Licence fee for Public utilities shall be 33% of the fee prescribed for Industrial Utilities as per point no.5 of MORTH guide lines vide letter No. RW/NH-33044/29/2015/S&R (R) Dated 22nd Nov, 2016

**2932292.40**

(or) Say **2932292.40**

*[Signature]*  
25/06/2022  
**Project Director**  
**NHAI, Rajahmundry**

<b>INWARD</b>	
No.	4-0000000018 Enterprise under the Energy Department
Date:	02/03/2022
Time:	6:00
M(T)	AM(F)
PS-P	PS-V
SE-I	SE-II
AOH	LAO
AI, PIU	
RAJAHMUNDRAVARAM.	

APSFL/BBNL/ROW/OFC/BBNL/ANNAVARAM, RAJAHMUNDRY, NHA, RAJAH MUNDRY/2022/0002

To,

Date: 02.03.2022

The Project Director,  
National Highway Authority of India,  
78-14-21, Syamala Nagar,  
Gandhipuram, Rajahmundry,  
Andhra Pradesh 533103

**SUB:**

Requesting for Right of Way (Row) Permlssion for laying of Optical Fiber Cable (OFC) RoadCrossing NH-16 KM 844/150, 846/750, 852/850, 838/000, 833/200, 895/250, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 747/450, 774/350, 781/290, 782/00, 788/00, 792/000, 791/150, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 929/800, 928/400, 926/410, 917/800, 942/610, 944/000, 945/150, 947/450 and 927/950 for a total route length of crossing 1516 meters (Across the road) Gollaprolu, Prathipadu, Sankhavaram, Thodangi, Rajanagaram, Kirlampudi, Jaggampeta, Gandepalle, Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Almurur, Kadium and Ravulapalem mandals in East Godavari District of Andhra Pradesh the Jurisdiction of NHA , PIU, Rajahmundry.

**Ref:** Ministry of Road Transport & Highways (MORTH) Guidelines for granting permission for laying Utility Services along and/or across ROW vide letter No. **RW/NH-33044/29/2001/S&R(R)** dated **22-11-2016**.

Dear Sir,

ANDHRA PRADESH STATE FIBERNET LIMITED ,having office 3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH 65, Vijayawada-520001, Andhra Pradesh, India is registered with Department of Telecommunication(DoT)as Infrastructure Provider category I(IP-I) vide registration certificate NO.:619/2016 dated 12.04.2016 to establish and maintain the assets such as Dark Fiber, Right of Way, and Duct space

The Government of India is very ambitious about bridging the digital divide. The Bharat Net project (formerly National Optical Fiber Network (NOFN)) has been one such digital plan of the Government of India that aims to digitally connect all villages and Gram Panchayats by broadband Internet connectivity.

Govt. of Andhra Pradesh (GoAP) has entered MoU with the Universal Service Obligation Fund (USOF)-Department of Telecommunications (DoT) and Bharat Broadband Network Limited (BBNL) to Implement BharatNet Phase-II Project in the State of Andhra Pradesh. In this regard, Andhra Pradesh State FiberNet Limited (APSFL), the State Implementation Agency', on behalf of GoAP has undertaken the responsibility of design, Implementation and Management of BharatNet Phase-II Project In the State of Andhra Pradesh.

3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH - 65, Vijayawada - 520001, Andhra Pradesh

E-mail : apsfl@ap.gov.in | Web : www.apsfl.in





As part of this project, we must laying underground optical Fiber Cable (OFC) through HDPE Road Crossing NH-16 KM 844/150, 846/750, 852/850, 838/000, 833/200, 895/250, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 747/450, 774/350, 781/290, 782/00, 788/00, 792/000, 791/150, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 929/800, 928/400, 926/410, 917/800, 942/610, 944/000, 945/150, 947/450 and 927/950 for a total route length of crossing 1516 meters (Across the road) Gollaprolu, Prathipadu, Sankhavaram, Thodangi, Rajanagaram, Kirlampudi, Jaggampeta, Gandepalle, Anakapalle, Yalamanchili, S Rayavaram, Nakkapalli, Payakaraopeta, Almuru, Kadium and Ravulapalem mandals in East Godavari District of Andhra Pradesh the Jurisdiction of NHAI, PIU, Rajahmundry. **The HDPE ducts of 40mm dia (50mm OD) x 2 ducts will be laid at the extreme possible edge of RoW at a depth of 1.65 mtrs., using various methods like Open Trenching, Horizontal Directional Drilling (HDD), Clamping and other suitable method as required on the ground to construct a Fiber Optic backbone link.**

The Trenching & restoration work shall be carried out in accordance with cited MORTH guidelines with utmost care.

As per point no. 5 & 6 of MORTH guidelines cited above, we shall submit License Fee and a Performance Bank Guarantee for an amount based on per route meter, in the prescribed format with a validity of 1 year (extendable if required till satisfactory completion of work) 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..

Further, as per MORTH guidelines cited above, we have enclosed herewith all the required documentation like Strip plans, Undertakings, Certificates, Indemnity Bonds and other documents as per the check list for your kind perusal.

As you may appreciate this project shall be completed on top priority in the larger interest of all the stake holders, request you to kindly accord us the RoW permission at the earliest. Please do let us know for any further information/clarifications.

Thanking you,

Yours Sincerely,

For ANDHRA PRADESH STATE FIBERNET LIMITED

  
Authorized Signatory

Enclosures: As per Index Sheet



## CHECK- LIST

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO.

S.No.	Item	Information Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	Andhra Pradesh State FiberNet Limited 3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH 65, Vijayawada- 520001, Andhra Pradesh, India.	
1.2	National Highway Number	NH 216A <b>2NH-16</b>	
1.3	State	Andhra Pradesh	
1.4	Location	<b>Abutting Villages and Mandals</b> Chendurthi(V)-Gollaprolu(M) Vannepudi(V)-Gollaprolu(M) Prathipadu(V)-Prathipadu(M) Kathipudi(V)-Sankhavaram(M) Bendapudi(V)-Thodangi(M) Rajanagaram(V)-Rajanagaram(M) Krishnavaram(V)-Kirlampudi(M) Burgupudi(V)-Kirlampudi(M) Ramavaram(V)-Jaggampeta(M) Zamindar Ragampeta (V)- Gandepalle (M) Uppalapadu (V)- Gandepalle (M) Gandepalle (V)- Gandepalle (M) Pisinikada (V)- Anakapalle (M) Regulapalem(V)- Yalamanchili (M) Dharmawaram Agraharam (V)- S Rayavaram (M) Penugolu (V)- S Rayavaram (M) Thimmapuram (V)- S Rayavaram (M) Umpaka (V)- S Rayavaram (M) Nakkapalli(V)- Nakkapalli (M) Uddandapuram(V)-Nakkapalli (M) Godicherla (V)- Nakkapalli (M) Namavaram (V)-Payakaraopeta (M) Srirampuram(V)-Payakaraopeta (M) Guntapalli (V)- Payakaraopeta (M) Annavaram (V)-Sankhavaram(M) Choppela(V)-Alamuru(M) Madiki(V)- Alamuru (M) Madiki(V)- Alamuru (M) Vemagiri(V)-Kadium(M) Videreswaram(V)-Ravulapalem(M)	

1.11



## CHECK- LIST

		Ithakota(V)-Ravulapalem(M) Ithakota(V)-Ravulapalem(M) Gopalapuram(V)-Ravulapalem(M) Madiki(V)- Alamuru (M)	
1.5	(Chainage in km)	Across the Road Crossing at: KM 844/130, 846/750, 852/850, 838/000, 833/200, 895/250, 865/050, 867/800, 869/600, 870/400, 878/200, 881/050, 885/200, 747/450, 774/350, 781/290, 782/00, 788/00, 792/000, 791/150, 799/400, 802/600, 804/800, 805/200, 805/620, 828/600, 930/100, 928/400, 926/410, 917/800, 942/610, 944/000, 945/300, 947/350 and 927/950 (35 locations)	
1.6	Length in Meters	1516 (1065) Meters (Road Crossing )	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	It Varies from 13 to 36 meters	
	(b) Right side from center line towards increasing chainage/km direction	It Varies from 13 to 36 meters	
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage/km direction	Not Applicable	
	(b) Right side from center line towards increasing chainage/km direction	Not Applicable	
1.9	Proposal to acquire land		
	(a) Left side from center line	Not Applicable	
	(b) Right side from center line	Not Applicable	
1.10	Whether proposal is in the same side where land is not to be acquired If not then where to lay the cable	Not Applicable	
1.11	Details of already laid services, if any, along the proposed route	Not Applicable	
1.12	Number of existing lanes (2/4 6/8 lanes).	4 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes).	No proposed expansion	
1.14	Service road existing or not	Available for Chainage KM 895/250 both sides and KM 867/800 has only Left Side and no Service Road for remaining other chainages	
	If yes then which side		
	(a) Left side from center line		

S. H.





## CHECK- LIST

	(b) Right side from center line	Yes	
1.15	Proposed Service Road		
	(a) Left side from center line	No proposed service road	
	(b) Right side from center line	No proposed service road	
1.16	Whether proposal to lay the utility (OFC) is after the service road or between the service road and main carriageway	Across the main carriage way	
1.17	Whether carrying of OFC has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	No, utility (OFC) not proposed on bridges.	
1.18	Whether carrying of OFC has been proposed on the parapet/any part of the bridges. If yes, then mention the methodology proposed for the same.	No, utility (OFC) not proposed on the parapet/any part of the bridges.	
1.19	If crossings of the road involved. If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	Yes, HDPE Pipe	
	(a) Whether existing drainage structures are allowed to carry utility (OFC)	No	
	(b) Is it on a line normal to NH	Yes	
	(c) What is the distance of crossing the utility (OFC) from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	More than 15 meters	
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Mention type of casing.	HDPE Pipe for OFC	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Not Applicable	
	(g) The top of the casing/conduit pipe should be at least meter 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details.	More than 2.5 Meters Below the surface of the road	
	(h) Mention the methodology proposed for crossing of road for the proposed Optical Fiber Cable (OFC). Crossing shall be by boring method (HDD) (Trenchless Technology),	HDD Method	





## CHECK- LIST

	<p>specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.</p>		
	<p>(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.</p>	Yes	
2	<p>Document / Drawings to be enclosed with the proposal</p>		
2.1	<p>Cross section showing the size of trench for open trenching method</p>	Not Applicable	
	<p>(Is it normal size of 1.2m deep X 0.3m wide)</p>	Not Applicable	
	<p>(i) Should not be greater than 60 Cm wider than the outer diameter of the pipe</p>	Not Applicable	
	<p>(ii) Located as close to the extreme edge of the right of-way as possible but not less than 15 meters from the center-lines of the nearest carriageway</p>	Yes, Only Cross over NH-216A	
	<p>(iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.</p>	Not Applicable	
	<p>(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	Not Applicable	
2.2	<p>Cross section showing the size of pit and location of cable for HDD method</p>	HDD Cross-section Enclosed	
2.3	<p>Strip plan/Route Plan showing the utility/OFC, Chainage, width of ROW, distance of proposed OFC from the edge of ROW, important mile stone, intersections, cross drainage works etc.</p>	Strip plan showing all the details is enclosed	
2.4	<p>Methodology for laying of the utility (OFC).</p>	Enclosed	
2.4.1	<p>Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, what is the Methodology of refilling of trench.</p>	Not Applicable	
	<p>(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.</p>	Not Applicable	



## CHECK- LIST

	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Not Applicable	
	(c) The backfill shall be completed in two stages (i) side - fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Not Applicable	
	(d) The side-fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor's density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	Not Applicable	
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Not Applicable	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Not Applicable	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	N/A	
2.4.2	Horizontal Directional Drilling (HDD) Method	Details Provided in Methodology of Laying	
2.4.3	Methodology for laying of OFC through CD works and method of laying. In cases where the carrying of OFC on the bridge becomes inescapable	Not Applicable	
3	Draft License Agreement is signed by two witnesses	Enclosed	
3.1	The licensee fee estimates 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.	Undertaking for Submission of BG has been obtained from M/s Andhra Pradesh State Fibernet Limited.	
4.1	Confirmation of BG has been obtained or not as	Confirmation of BG Shall Be	



## CHECK- LIST

	per MoRTH/NHAI guidelines	Obtained After BG Submission By M/s Andhra Pradesh State FiberNet Limited	
5	<b>Affidavit / Undertaking from the Applicant for the following is to be furnished</b>		
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 utility 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 of installation, shifting or repairs, or alterations to the utility 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 utility line will be borne by the applicant agency owning the line.	Yes, Enclosed	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's Circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016)	Yes, Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory	Not Applicable as the Utility line proposed OFC	





## CHECK- LIST

	clearance s applicable, before applying to Highway Administration		
5.11	If the MORTH/NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the MORTH/NHAI at the cost of the agency owning the utility 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 OFC 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 not withstanding the permission granted within such time as will be stipulated by NHAI" for future six-laning or any other development."	Enclosed  Enclosed	
6	Who will sign the agreement on behalf of OFC Laying agency?	GM-Admin,HR and Finance-Andhra Pradesh state Fibernet limited	
	Power of Attorney to sign the agreement is available or not	Enclosed	
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.	Enclosed	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of OFC would be extremely difficult and unreasonable costly and the installation of OFC 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 report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".	Enclosed  Enclosed  Enclosed	






## CHECK- LIST

8	If NH section proposed to be taken up by NHAI on BOT basis a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay OFC /duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [----- section from Km to Km of NH No. ----- on Build; Operate and Transfer Basis] and therefore, the licensee shall honour the same.	Not Applicable	
9	" Who will supervise the work of laying of OFC		
	(a) On behalf of the Applicant	Sr.Manager- EPD,APSFL,Vijayawada	8328073241
	(b) On behalf of MoRTH/NHAI	NHAI PIU-Rajahmundry	
10	Who will ensure that the defects in road portion after laying of Utility (OFC) are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Sr.Manager- EPD,APSFL,Vijayawada	
	(b) On behalf of NHAI	NHAI PIU-Rajahmundry	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	Andhra Pradesh State Fibernet Limited	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)		
13	If any previous approval is accorded for laying cable line, then Photocopy of register of records of permissions accorded (as maintained by PD) be enclosed.		

S. 11  
Name, Designation & Signature of the  
Authorized representative of applicant.

(SD. GHOUSE MOHIDDIN,  
General Manager (F&A, HR),  
Andhra Pradesh State FiberNet Limited.)

  
Name, Designation & Signature of the  
Concerned field authority of NHAI/PWD/BRO.

Project Director  
NHAI-PIU  
RAJAMAHENDRAVARAM.