



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.क्र.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.

टेली / Tele : 0866-2483910

फैक्स / Fax : 0866-2474496

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



Lr.No. NHAI/RO-VJA/12014/NOC/2016/ 1680

Dt.20.07.2018

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

Sub: RO - Vijayawada - Permission for laying of Optical Fibre Cable along NH-16 from Km 743.000 to Km 744.400 (LHS) and from Km 749.000 to Km 762.800 (RHS) and across the road between Km 749.000 to Km 749.100, 753.700 to 753.800, 761.000 to 761.100 and at Km 762.800 for a total length of 15,600 m i.e., from Kasimkota to ZR Tunj Visakhapatnam District of Visakhapatnam - Vijayawada Section in the State of Andhra Pradesh - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal of M/s. Bharati Broadband Network Limited seeking NOC for laying of Optical Fibre Cable along NH-16 from Km 743.000 to Km 744.400 (LHS) and from Km 749.000 to Km 762.800 (RHS) and across the road between Km 749.000 to Km 749.100, 753.700 to 753.800, 761.000 to 761.100 and at Km 762.800 for a total length of 15,600 m i.e., from Kasimkota to ZR Tunj Visakhapatnam District of Visakhapatnam - Vijayawada Section 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- Rajahmahendravaram are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

Encl: As above

Yours faithfully,

(Anil Dixit),
Regional Officer

Copy to: 1) PD, PIU - Rajahmahendravaram - for information
2) M/s. Bharat Broadband Network Limited, 2nd Floor, BSNL Exchange, MMTTC Colony, HB Colony, Seethammadhara, Visakhapatnam - 500016 - for information



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.क्र.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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Lr.No. NHAI/RO-VJA/12014/NOC/2016/ 1679

Dt.20.07.2018

INVITATION OF PUBLIC COMMENTS


Sub: RO - Vijayawada - Permission for laying of Optical Fibre Cable along NH-16 from Km 743.000 to Km 744.400 (LHS) and from Km 749.000 to Km 762.800 (RHS) and across the road between Km 749.000 to Km 749.100, 753.700 to 753.800, 761.000 to 761.100 and at Km 762.800 for a total length of 15,600 m i.e., from Kasimkota to ZR Tuni Visakhapatnam District of Visakhapatnam - Vijayawada Section in the State of Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Rajahmahendravaram submitted a proposal of M/s. Bharat Broadband Network Limited for laying of Optical Fibre Cable along NH-16 from Km 743.000 to Km 744.400 (LHS) and from Km 749.000 to Km 762.800 (RHS) and across the road between Km 749.000 to Km 749.100, 753.700 to 753.800, 761.000 to 761.100 and at Km 762.800 for a total length of 15,600 m i.e., from Kasimkota to ZR Tuni Visakhapatnam District of Visakhapatnam - Vijayawada Section 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 are 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

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई - PROJECT IMPLEMENTATION UNIT

डोर नं. 78-14-21, श्यामला नगर, राजमन्डी - 533 103. आ.प्र.

Door No. : 78-14-21, Shyamala Nagar, RAJAHMUNDRY - 533 103, A.P.

दूरभाष / Phone: 0883 - 2431170

0883 - 2437832

फैक्स / Fax : 0883 - 2431170

ई-मेल / e-mail : raj@nhai.org

piurajahmundry@gmail.com

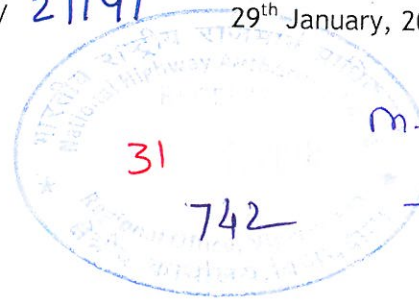
yp/sonnit
pl. examine
ad discuss.
y

No: NHAI/PIU-RJY/BBNL-OFC/15200m/2017-18/ 21141

29th January, 2018

To:

The Regional Officer,
National Highways Authority of India,
Regional Office, 21, Teachers' Colony,
Gurunanak Nagar Road,
Vijayawada-520 008.



m.tlym

31.1.18

Sub: NHAI, PIU, Rajahmundry - Permission for laying of Optical Fibre Cable along NH-16 from Km. 743.000 to Km. 744.400 (LHS) and from Km. 749.000 to Km. 762.800 (RHS) and across the road between Km. 749.000 to 749.100, 753.700 to 753.800, 761.000 to 761.100 and at Km. 762.800 for a total length of 15,600 meters i.e., from Kasimkota to Z.R. Tuni of Visakhapatnam District of Visakhapatnam - Vijayawada Section in the State of Andhra Pradesh - Approval - Reg.

- Ref: 1. The General Manager (Projects - V), M/s. B.B.N.L., Seethammadhara, Visakhapatnam Letter No. GM/BBNL/VM/ROW/2017-18/71 Dt. 16.11.2017.
2. The TL, M/s. DORSCH Consult (I) Pvt., Ltd., Letter No. Dorsch/ 2018/ T-A/NH-16/0401 Dt. 03.01.2018.

Sir,

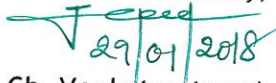
1. This is to inform that the General Manager (Projects - V), M/s. B.B.N.L., Seethammadhara, Visakhapatnam vide reference 1st cited has submitted a proposal for laying of Optical Fibre Cable along NH-16 from Km. 743.000 to Km. 744.400 (LHS) and from Km. 749.000 to Km. 762.800 (RHS) and across the road between Km. 749.000 to 749.100, 753.700 to 753.800, 761.000 to 761.100 and at Km. 762.800 for a total length of 15,200 meters i.e., from Kasimkota to Z.R. Tuni of Visakhapatnam District of Visakhapatnam - Vijayawada Section in the State of Andhra Pradesh 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.
2. The above proposal has been verified and all the points are 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, which including the comprehensive guidelines and draft license agreement along with Licence Fee for laying of OFC cable in the land along National Highways vested with NHAI.

Jee

Land sales

3. The drawings furnished by the Agency are herewith submitted along with the following:
- | | |
|------------------------------------|------------------|
| (1) Proposal along with enclosures | (2) Check List |
| (3) License Deed. | (4) Undertakings |
| (5) Certificate | (6) Methodology |
| (7) Diagrams | |
4. As per the above Revised Circular Guidelines, the Agency has agreed to submit Performance Bank Guarantee @ Rs.100/- per route meter and also submitted an undertaking duly stating that they will submit Performance Bank Guarantee as demanded by NHAI.
5. The Report submitted by the Team Leader of the respective stretch after inspection of the proposal is herewith enclosed.
6. In view of the above, the proposal submitted by the General Manager (Projects - V), M/s. B.B.N.L., Seethammadhara, Visakhapatnam is herewith recommended for favourable consideration and according necessary approval.


Thanking you,

Yours faithfully,

(J.Ch. Venkataratnam)
DGM (T) & Project Director

Encl: 2 files (1 Original +1 Duplicate)

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of Optical Fibre Cable along NH-16 from Km. 743.000 to Km. 744.400 (LHS) and from Km. 749.000 to Km. 762.800 (RHS) and across the road between Km. 749.000 to 749.100, 753.700 to 753.800, 761.000 to 761.100 and at Km. 762.800 for a total length of 15,600 meters i.e., from Kasimkota to Z.R. Tuni of Visakhapatnam District of Visakhapatnam - Vijayawada Section in the State 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.
3. I will ensure supervision of the work of laying of utility and ensure that the defects in road portion after laying of utility are corrected.
4. I will notify / forfeit the BG for claims for damages done / disruption in working, if any.
5. I will ensure that proposed permission is entered in the Register of Records.
6. The record of previous approval, if any has been considered and copy of the same is enclosed with the proposal.


(J.Ch. Venkataratnam)
DGM (T) & Project Director
NHAI, PIU, Rajahmundry

LICENCE FEE ESTIMATE

| Name of the work : Towards License fee for laying of O.F Cable from Km. 743.000 to Km. 744.400 (LHS) and from Km. 749.000 to Km. 762.800 (RHS) and across the Road between Km. 749.000 to Km. 749.100, 753.700 to Km. 753.800, 761.000 to Km. 761.100 and at Km. 762.800 i.e., between Anakapalli to Z.R. Tuni by M/s. Bharat Broadband Network Limited. | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----|--------------|------|---|----------|----------|-----|---------------|
| Estimate - A | | | | | | | | | |
| LICENCE FEE CHARGES | | | | | | | | | |
| Sl.No. | | No | Measurements | | | Quantity | Rate | Per | Amount |
| | | | L | B | D | Sq.m | Per Sq.m | | |
| 1 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Name of the work : Towards License fee for laying of O.F Cable from Km. 743.000 to Km. 744.400 (LHS) and from Km. 749.000 to Km. 762.800 (RHS) and across the Road between Km. 749.000 to Km. 749.100, 753.700 to Km. 753.800, 761.000 to Km. 761.100 and at Km. 762.800 i.e., between Anakapalli to Z.R. Tuni by M/s. Bharat Broadband Network Limited. | | | | | | | | | |
| 1 | Km. 743.000 to 744.400 | 1 | 1400 | 0.04 | - | 56.00 | 1976.84 | Sqm | 110703 |
| 2 | Km. 749.000 to 751.600 | 1 | 2600 | 0.04 | - | 104.00 | 469.50 | Sqm | 48828 |
| 3 | Km. 751.600 to 754.920 | 1 | 3320 | 0.04 | - | 132.80 | 420.08 | Sqm | 55786 |
| 4 | Km. 754.920 to 755.200 | 1 | 280 | 0.04 | - | 11.20 | 420.08 | Sqm | 4705 |
| 5 | Km. 755.200 to 757.000 | 1 | 1800 | 0.04 | - | 72.00 | 469.50 | Sqm | 33804 |
| 6 | Km. 757.000 to 757.700 | 1 | 700 | 0.04 | - | 28.00 | 469.50 | Sqm | 13146 |
| 7 | Km. 757.700 to 759.950 | 1 | 2250 | 0.04 | - | 90.00 | 469.50 | Sqm | 42255 |
| 8 | Km. 759.950 to 761.000 | 1 | 1050 | 0.04 | - | 42.00 | 185.33 | Sqm | 7784 |
| 9 | Km. 761.000 to 761.300 | 1 | 300 | 0.04 | - | 12.00 | 222.39 | Sqm | 2669 |
| 10 | Km. 761.300 to 762.700 | 1 | 1400 | 0.04 | - | 56.00 | 370.66 | Sqm | 20757 |
| 11 | Km. 762.700 to 762.800 | 1 | 100 | 0.04 | - | 4.00 | 420.08 | Sqm | 1680 |
| 12 | Crossing at Km. 749.000 to 749.100 | 1 | 100 | 0.04 | - | 4.00 | 469.50 | Sqm | 1878 |
| 13 | Crossing at Km. 753.700 to 753.800 | 1 | 100 | 0.04 | - | 4.00 | 420.08 | Sqm | 1680 |
| 14 | Crossing at Km. 761.000 to 761.100 | 1 | 100 | 0.04 | - | 4.00 | 222.39 | Sqm | 890 |
| 15 | Crossing at Km. 762.800 | 1 | 100 | 0.04 | - | 4.00 | 420.08 | Sqm | 1680 |
| | | | | | | | | | 348245 |
| | Licence Fee (Rs./Sq.m/Month) = | | | | | 348245 | | = | 2902 |
| | | | | | | 10 X 12 | | | |
| | Licence Fee for 5 Years | | | | | 5 X 12 X | 2902 | = | 174123 |
| | | | | | | | | | |
| | | | | | | | | | |
| The Licence Fee for Public Utilities shall be 33% of the fee prescribed for Industrial Utilities as per Point No. 5 of MORT&H Guidelines vide letter No. RW/NH-33044/29/2015/S&R (R) Dt. 22.11.2016 | | | | | | | | | 57460 |


 Project Director
 NHAI, Rajahmundry

SPECIFICATION REPORT

Specification report to accompaying the estimate towards "License fee"for Laying of O.F. Cable from Km. 743.000 to Km. 744.400 (LHS) and from Km. 749.000 to Km. 762.800 (RHS) and across the Road between Km. 749.000 to Km. 749.100, 753.700 to Km. 753.800, 761.000 to Km. 761.100 and at Km. 762.800 i.e., between Anakapalli to Z.R. Tuni by M/s. Bharat Boradband Network Limited.

Estimae Amount: Rs. **57460.00**

The General Managr (Projects - V), M/s. BBNL, Visakhapatnam vide his letter No. GM/BBNL/VM/ROW/2017-18/71 Dt. 16.11.2017 have requested to issue permission for laying of O.F Cable from Km. 743.000 to Km. 744.400 (LHS) and from Km. 749.000 to Km. 762.800 and across the Road between Km. 749.000 to Km. 749.100, 753.700 to Km. 753.800, 761.000 to Km. 761.100 and at Km. 762.800 i.e., between Anakapalli to Z.R. Tuni.

The rate of land abutting NH/SH/ZPP/MPP obtained from the website of Registration & Stamps Department, Government of Andhra Pradesh is used for calculation of the license fee. The list of villages failing in the proposed stretch of road, corresponding chainages and breakup of village wise land rates are as follows :

| Sl.No. | Name of the village | Chainage (KMR) | | Length (km) | Rate of Land Abutting NHAI | |
|--------|-------------------------------------|----------------|---------|-------------|----------------------------|----------|
| | | From | To | | Per Acre | per Sq.m |
| 1 | Anakapalli | 743.000 | 744.400 | 1.400 | 8000000 | 1976.84 |
| 2 | Kasimkota | 749.000 | 751.600 | 2.600 | 1900000 | 469.50 |
| 3 | Bayyavaram | 751.600 | 754.920 | 3.320 | 1700000 | 420.08 |
| 4 | Jammadulapalem | 754.920 | 755.200 | 0.280 | 1700000 | 420.08 |
| 5 | Paravadapalem | 755.200 | 757.000 | 1.800 | 1900000 | 469.50 |
| 6 | Vugginapalem | 757.000 | 757.700 | 0.700 | 1900000 | 469.50 |
| 7 | Thallapalem | 757.700 | 759.950 | 2.250 | 1900000 | 469.50 |
| 8 | Gobburu | 759.950 | 761.000 | 1.050 | 750000 | 185.33 |
| 9 | Chinthalapalem | 761.000 | 761.300 | 0.300 | 900000 | 222.39 |
| 10 | Narasingapalli | 761.300 | 762.700 | 1.400 | 1500000 | 370.66 |
| 11 | N.G. Palem | 762.700 | 762.800 | 0.100 | 1700000 | 420.08 |
| 12 | Road Crossing at Kasimkota Village | 749.000 | 749.100 | 0.100 | 1900000 | 469.50 |
| 13 | Road Crossing at Bayyavaram Village | 753.700 | 753.800 | 0.100 | 1700000 | 420.08 |
| 14 | Road Crossing at Chintalapalem | 761.000 | 761.100 | 0.100 | 900000 | 222.39 |
| 15 | Road Crossing at N.G. Palem | 762.800 | | 0.100 | 1700000 | 420.08 |

The land rate corresponding to the chainage is used for calculation of License fee.


Hence the license fee estimate is prepared as per MORTH Circular memo No. RW/NH/33044/29/2015/S&R(R), dated 22.11.2016.



Project Director
NHAI, Rajahmundry

CHECK -LIST

Guidelines for processing the proposal of laying of **Underground Optical Fiber Cables of NOFN project under Digital India Scheme** in the land along National Highways vested with NHAI

| Sl. No | Item | Information/status | Remarks |
|--------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------|
| 1 | General Information | | |
| 1.1 | Name and Address of the Applicant | Office of Genral Manager - VI, BBNL 2nd Floor, BSNL Exchange, H.B. Colony (post), Seethammadhara, VISAKHAPATNAM 530022 | |
| 1.2 | National Highway Number | NH - 16 | |
| 1.3 | State | ANDHRA PRADESH | |
| 1.4 | Location | Visakhapatnam - Vijayawada Section between Kasimkota to Z.R. Tuni of Visakhapatnam District. | |
| 1.5 | (Chainage in km) | Along Between KM 743 to 744/4 and 749 to 762/8. Across between 749 - 749/1; 753/7 - 753/8; 761 - 761/1 & at 762/8 | |
| 1.6 | Length in Meter | 15.2 KM along the NH and 04 crossings across NH | |
| 1.7 | Width of available ROW | | |
| | (a)Left side from center line towards increasing chainage/km direction | 13.2 Mtr | |
| | (b)Right side from center line towards increasing chainage/km direction | 13.2 Mtr | |


 महा ब्रबंधक (परियोजना) / General Manager (Projects-V)
 भारत ब्रॉडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
 (भारत सरकार का उपक्रम) / (A Govt. of India Undertaking)
 विशाखपट्टणम / Visakhapatnam



 PROJECT DIRECTOR
 NHAI
 PU - RAJAHMUNDRY


| Sl. No | Item | Information/status | Remarks |
|--------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------|
| 1.8 | Proposal to lay Underground OFC | | |
| | (a) Left side from center line towards increasing chainage/km direction | Between Chainage 743 - 744/4 | |
| | (b) Right side from center line towards increasing chainage/km direction | Between Chainage 749 - 762/8 | |
| 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 If not then where to lay the cable | Yes | |
| 1.11 | Details of already laid services, if any, along the proposal route | JIO / BSNL / NFS | |
| 1.12 | Number of lanes (2/4/6/8 lanes) existing | 4 Lane | |
| 1.13 | Proposed Number of lane (2 lane with paved shoulders/4/6/8 lanes) | NA | |
| 1.14 | Service road existing or not | NO | |
| | If yes then which side | NA | |
| | (a) Left side from center line | NA | |
| | (b) Right side from center line | NA | |
| 15 | Proposed service road | NA | |
| | (a) Left side from center line | NA | |
| | (b) Right side from center line | NA | |
| 1.16 | Whether proposal to lay Underground OFC is after the service road or between the service road and main carriage away | NA | |
| 1.17 | Whether carrying of OFC has been proposed on Highway Bridges. If Yes, then the methodology proposed for the same. | Proposed between Chainage 754 to 756 . Methodology Enclosed. | |

म.प्र.प.यो - V), बीबीएनएल, विशाखापटनम
GM (Proj-V), BBNL, Visakhapatnam


PROJECT DIRECTOR
NHAI
RD - RAJAHMUNDRY


| Sl. No | Item | Information/status | Remarks |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------|
| 1.18 | Whether carrying of OFC has been proposed on the parapet / any part of the bridges. If Yes, then the methodology proposed for the same. | Enclosed | |
| 1.19 | If crossings of the road involved | Yes | |
| | 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 | |
| | (a) Whether existing drainage structures are allowed to laying out the OFC. | NO | |
| | (b) Is it on the line normal to NH | Yes | |
| | (c) Distance of Crossings the OFC from the existing structures on the National Highway, the minimum distance being 15 metre. . | More than 15M | |
| | (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. | Yes. GI Pipe shall be provided | |
| | (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 extended from drain to drain in cuts and toe of slope toe of slopes in the fills. | Yes | |
| | (g) The top of the casing /conduit pipe should be atleast 1.2 meter below the surface of the road subject to being atleast 0.3metr below the drain inverts. | Yes | |
| | (h) Methodology proposed for crossing of Road ; Crossing shall be by boring method HDD, specially where the existing road pavement is of cement concrete or dense bituminous concrete type . | HDD method (Enclosed) | |
| | (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 | Documents / Drawings enclosed with the proposal | | |


 म.प्र(प.यो - V), बीबीएनएल, विशाखापटनम
 GM (Proj-V), BBNL, Visakhapatnam



 PROJECT DIRECTOR
 BBNL
 VISAKHAPATNAM


| Sl. No | Item | Information/status | Remarks |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------|
| 2.1 | <p>Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep x 0.3m wide)</p> <p>(i) Should not be greater than 60cm wider than the outer diameter of the pipe.</p> <p>(ii) Located as closed to the extreme edge of the right of way as possible but not less than 15m from the centre lines of the nearest carriage way.</p> <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> <p>(iv) These should be so laid that their top is atleast 0.6meter below the ground level so as not to obstruct drainage of the road land.</p> | Shall be Complied | |
| 2.2 | Cross section showing the size of pit and location of cable for HDD method | As shown in the Drg. Enclosed | |
| 2.3 | Strip plan / route plan showing OFC Chainage, width of ROW ,distance of proposed cable from the edge of ROW , important mile stone, intersections, cross drainage works etc. | Enclosed | |
| 2.4 | Methodology for laying of OFC. | | |
| 2.4.1 | Open Trenching Method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type), If yes, Methodology of refilling of trench . | Enclosed | |
| | (a) The trench width should be atleast 30cm, but not more than 60cm wider than the outer diameter of the pipe. | Yes | |
| | (b) For filling of the trench, Bedding shall be to 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 sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material. | Yes | |
| | (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 th bottom of the road crust. | Yes | |


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 (भारत सरकार का उपक्रम) / (A Govt. of India Undertaking)
 विशाखपट्टणम / Visakhapatnam



 PROJECT DIRECTOR
 NHAI
 NEW DELHI


| Sl. No | Item | Information/status | Remarks |
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| | (d) The sidefill shall consist of granular material laid in 15cm 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. (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. | Yes | |
| | (f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours. | Yes | |
| | (g) If required, a diversion shall be constructed at the expense of agency owning the utility line. | Yes | |
| 2.4.2 | Horizontal Direction Drilling (HDD) method | HDD method | |
| 2.4.3 | Laying of OFC through CD works and method of laying | NA | |
| 3 | Draft License Agreement signed by two witnesses | Enclosed | |
| 3.1 | Licence fee as per circular ref: RW/NH-33044/29/2015/S&R dated 22/11/2016 | Enclosed | |
| 4 | Performance Bank Guarantee as per circular ref: RW/NH-33044/29/2015/S&R dated 22/11/2016 | To be Submitted after receipt of Approval. | ✓ |
| 4.1 | Confirmation of BG has been obtained as per NHA guidelines. | Confirmation of BG shall be obtained after BG submission. | |
| 5 | Affidavit /Undertaking from the applicant for | Enclosed | |
| 5.1 | Not to damage to other utility, if damaged then to pay the losses either to NH or to the concerned agency. | | |
| 5.2 | Renewal of Bank Guarantee as and when asked. | | |
| 5.3 | Conforming all standard condition of NH guidelines | | |
| 5.4 | Idemnity against all damages and claims | | |
| 5.5 | Management of Traffic movement during laying of OFC | | |
| 5.6 | If any claim is raised by the concessionaire then the same has to be paid by the applicant | | |
| 5.7 | Prior approval NH Division shall be obtained before undertaking any work of installation shifting or repairs, alteration to the OFC located in the National Highway Right-of - ways. | | |


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| 5.9 | Undertaking that the text of the licence deed is as per verbalism of MoRTH circular ref: RW/NH-33044/29/2015/S&R dated 22/11/2016 | ✓ | |
| 5.10 | Applicant Obtains various safety clearances such as Directorate of Electricity , Chief controller of explosives, Petroleum & safety Organization, Oil industry Safety Directorate State / Central pollution control board and any other statutory clearances applicable | ✓ | |
| 5.11 | If the MoRTH / NHAI Division 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 NH at the cost of the agency owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given. | ✓ | |
| 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 road way safety for traffic. (ii) For 4 lanning "We do undertake that I will relocate service road / approach road / utilities at my own cost notwithstanding the permission granted within such time as well be stipulated by NH Division for future four / six laning of any other development." | ✓ | |
| 6 | Who will sign the agreement on behalf of laying of OFC for NOFN project . | GM -VI, BBNL, VIZAG ✓ | |
| 7 | Certificate from the Project Director. | Enclosed ✓ | |
| 7.1 | Certificate for conforming of all standard condition issued vide Ministry circular no. NH-III/P/66/76, Dt 19.11.1976, Ministry circular no. RW/NH-III/p/66/76 Dt 11.5.1982 and Ministry circular no. RW/NH-11037/1 /86/DOI, dated 19-01-1995. | ✓ | |


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 PROJECT DIRECTOR
 NHAI
 VISAKHAPATNAM

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|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------|
| 7.2 | Certificate from the PD in the following Format | Enclosed | |
| | (i) "It is certified that any other location of the OFC laying would be extremely difficult and unreasonable costly and the installation of OFC within ROW will not adversely affect the design, stability and traffic safety of the Highway nor the likely future improvement such as widening of the carriage way, easing of curve etc." | | |
| | (ii) For 4 laning (a) Where feasibility is available " I do certify that there will be no hinderance to proposed six laning based on the feasibility report considering proposed structures at said location" (b) In case feasibility report is not available " I do certify that sufficient ROW is available at side for accommodating proposed four laning". | | |
| 8 | If NH Section proposed to be taken up by NH Division on BOT basis a clause is to be inserted in the agreement . "The permitted Highway on which licensee has been granted the right of way to the concessionaire under the concession agreement for upgradation of (Kolkata - Chennai section from KM 534/0 to KM 535/0 of NH No. 16 on Build, Operate and Transfer Basis and therefore, The Licensee honor the same." | Yes, Inserted | |
| 9 | Who will supervise the work of laying OFC. | | |
| | A) On behalf of the applicant | Power Grid Corporation of Ind Ltd. On behalf of BBNL | |
| | B) On behalf of MORTH / NHAI | NHAI, PIU, Rajahmundry | |
| 10 | Who will ensure that the defects in road portion after laying of OFC are corrected and if not correected then what action will be taken. | NHAI, PIU, Rajahmundry | |
| 11 | Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire. | POWERGRID on Behalf of BBNL | |
| 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). | Enclosed | |
| 13 | If any previous approval is accorded for laying of underground OFC, then photocopy of register of records of permissions accorded as maintained by PD be enclosed. | No | |


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