



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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भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Lr.No.NHAI/RO-VJA/11045/NOC/2016/2800

Dt.04.12.2018

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

Sub: Regional Office - Vijayawada - Permission for grant of lease to Indian Navy under Network For Spectrum for laying of OFC along NH-16 from (i) Km 703.620 to 714.520; (ii) Km 714.530 to 715.520; (iii) Km 718.390 to 720.290; and across NH-16 at Km 712.430 and 715.330 and along (iv) VPT connectivity Road from Km 5.880 to 10.000 and across VPT connectivity road at Km 6.760 for route length of 18.090 Km in Visakhapatnam District - **Public comments** - Reg.

Sir,

Please find enclosed herewith a proposal of Eastern Naval Command, Naval Base, Visakhapatnam seeking grant of lease for laying of OFC along NH-16 from (i) Km 703.620 to 714.520; (ii) Km 714.530 to 715.520; (iii) Km 718.390 to 720.290; and across NH-16 at Km 712.430 and 715.330 and along (iv) VPT connectivity Road from Km 5.880 to 10.000 and across VPT connectivity road at Km 6.760 for route length of 18.090 Km in Visakhapatnam 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,

(Anil Dixit),

Regional Officer

Encl: As above

Copy to: 1) PD, PIU - Visakhapatnam - for information
2) The Commander Staff Officer (C&EW), Head Quarters, Eastern Naval Command, Naval base, Visakhapatnam - for information



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्रप्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

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

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

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प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Lr.No.NHAI/RO-VJA/11045/NOC/2016/2799

Dt.04.12.2018

INVITATION OF PUBLIC COMMENTS

Sub: Regional Office - Vijayawada - Permission for grant of lease to Indian Navy under Network For Spectrum for laying of OFC along NH-16 from (i) Km 703.620 to 714.520; (ii) Km 714.530 to 715.520; (iii) Km 718.390 to 720.290; and across NH-16 at Km 712.430 and 715.330 and along (iv) VPT connectivity Road from Km 5.880 to 10.000 and across VPT connectivity road at Km 6.760 for route length of 18.090 Km in Visakhapatnam District - Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of o Eastern Naval Command, Naval Base, Visakhapatnam seeking grant of lease for laying of OFC along NH-16 from (i) Km 703.620 to 714.520; (ii) Km 714.530 to 715.520; (iii) Km 718.390 to 720.290; and across NH-16 at Km 712.430 and 715.330 and along (iv) VPT connectivity Road from Km 5.880 to 10.000 and across VPT connectivity road at Km 6.760 for route length of 18.090 Km in Visakhapatnam 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 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.या. 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 ज़रूरत
BHARATMALA
ROAD TO PROSPERITY

दूरभाष / Phone : 0891-2707600

2714119

फाक्स / Fax No. : 0891-2714118

ई-मेल / E-mail : vis@nhai.org

NHAI/PIU-VSP/NFS/OFC/2018/ 24417

Date: 15.09.2018

To
The Regional Officer,
National Highways Authority of India,
Regional Office, Gurnanak Nagar,
Teachers Colony,
VIJAYAWADA



Sub: NHAI, PIU, Visakhapatnam - Permission for laying of Optical Fiber Cable (OFC) across NH-16 at (i) Km 703.620 to 714.520; (ii) Km 714.530 to 715.520; (iii) Km 718.390 to 720.290; (iv) VPT Connectivity Road from Km 5.880 to 10.000 and Road Crossings at Km 712.430; Km 715.330 and VPT connectivity road at Km 6.760 along and Road crossings for route length of 18,090m along NH-16 (Old NH-5) NFS Route of Visakhapatnam District - **Request for issuing NOC - Certain observations raised by NHAI, RO, Vijayawada - Submission of information - Reg.**

- Ref: (1) Letter No. Nil dtd. 28.08.2018 of Sri S.S. Bisht, Lt. Commander, ITO, ENC, Visakhapatnam.
(2) T.O.Lr.No. NHAI/PIU-VSP/NFS/OFC-Obs/2018/23950 dt. 01.08.2018.
(3) NHAI, RO, Vijayawada Lr.No. NHAI/RO-VJA/11045/NOC/2016/1787 Dt.30.07.2018.
(4) T.O.Lr.No.NHAI/PIU-VSP/NFS/OFC/2018/23694 dt.30.06.2018.
(5) Letter No. Nil dtd. 21.06.2018 of Sri Rahul Jyoti, Commander, SO(C&EW), Naval Base, Visakhapatnam.
(6) Team leader, LEC Lr No. LEC/Project Office/NHAI-PIU-VSP/Request for ROW for Defence OFC/2018/589 Dt.25.01.2018.
(7) Letter No. Nil dtd. 11.01.2018 of Sri S.S. Bisht, Lt. Commander, ITO, Eastern Naval Command, Naval Base, Visakhapatnam.

Sir,

1. The proposal submitted by the Eastern Naval Command, Naval Base, Visakhapatnam seeking NOC for laying of OFC across and along NH-16, was submitted to RO, Vijayawada vide letter under Ref : 4.
- 1.1 After examining the proposal, certain observations were raised by NHAI, RO, Vijayawada and communicated vide letter 3rd cited above. This office vide letter 2nd cited, requested the Naval Base to furnish the clarifications / attend observations, as sought by RO. The Naval Base has submitted its clarifications vide letter at Ref : 1.

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Page 1 of 2

2. The information / clarifications to the observations raised by RO, are as follows :

| S. No. | Observations raised by RO | Clarifications / Compliance by PIU / Navy |
|--------|--|---|
| (i) | Two ducts of 40mm and 33mm dia are proposed by PICG. At some locations, a 100mm dia pipe is also proposed as a conduit for both ducts. But, in license fee calculations, the width is taken as 40mm only, which needs to be corrected. | The HDPE Duct outer dia is 40mm. Only One Duct of Dia 40mm is proposed by PICG. |
| (ii) | PD has not signed the specification report, accompanying the estimate. | Signed and enclosed herewith. |
| (iii) | From 715/330 to 715/520, it is observed that twin pipes are passing. The same may be considered while calculating license fee. | Two HDPE Duct pipes (40mm dia) will be laid from Km 703.6 to 713.6 and Km 714.6 to 715.6 and Km 718.2 to 720.2. Accordingly, License fee calculations are also corrected / made and submitted herewith. |
| (iv) | The witness signatures on the license agreement were missing. | Signed and submitted herewith. |
| (v) | The Power of Attorney to sign the agreement may be obtained from PICG. | Indian Navy is under the Ministry of Defense (Govt., of India), the issue of Power of Attorney does not arise. |

3. In view of above and since the laying of OFC is related with Nations' security under Network for Spectrum (NFS) piloted by Ministry of Defense, Govt., of India, the approval for laying of Optical Fiber Cable (OFC) across NH-16 at (i) Km 703.620 to 714.520; (ii) Km 714.530 to 715.520; (iii) Km 718.390 to 720.290; (iv) VPT Connectivity Road from Km 5.880 to 10.000 and Road Crossings at Km 712.430; Km 715.330 and VPT connectivity road at Km 6.760 along and Road crossings for route length of 18,090m along NH-16 (Old NH-5) NFS Route of Visakhapatnam District, as submitted by the Eastern Naval Command, Naval Base, Visakhapatnam and recommended by this office, may please be accorded at the earliest.

Encl: As above.

Yours faithfully,

 15/09/18.
J. Ch. Venkataratnam
 Project Director


ANNEXURE - I

Calculation of License Fees & Performance Bank Guarantee Amount

Proposal for granting of permission for Laying of Optical Fiber Cable (OFC) along NH-16 at (i) Km.703.620 to 714.520 (ii) Km.714.530 to 715.520 (iii) Km.718.390 to 720.290 (iv) VPT Connectivity road from Km.5.880 to 10.000 and road crossings at Km.712.430, Km.715.330 and VPT Connectivity road at Km.6.760 along and road crossing for route length of 18,090m along NH-16 NFS route of in Visakhapatnam District of Andhra Pradesh under the jurisdiction of NHAI, PIU, Visakhapatnam

| Sl. No. | Name of Village | Chainage from km to km | Length route Mtrs. | Width Mtrs. (40mm) | Utilized Land Area Sq. Mtrs. | Prevailing Circle rate of Land in Rs./Sq. Yard (As per Revenue Records) | Prevailing Circle rate of Land in Rs./Sq.Mtrs. (Rate per Sq. Yard x 1.20) | Amount Rs. | Remarks |
|--|------------------|---------------------------|-----------------------|--------------------------|------------------------------------|--|---|---------------|---------------------------------|
| 1 | Resapuvaniapalem | 703.620 | 2,380 | 0.08 | 190.40 | 50,000 | 60,000 | 1,14,24,000 | |
| 2 | Kapparala | 706.000 | 4,000 | 0.08 | 320.00 | 31,000 | 37,200 | 1,19,04,000 | |
| 3 | Buchirajupalem | 710.000 | 3,600 | 0.08 | 288.00 | 25,000 | 30,000 | 86,40,000 | |
| 4 | Buchirajupalem | 713.600 | 920 | 0.04 | 36.80 | 25,000 | 30,000 | 11,04,000 | |
| 5 | Buchirajupalem | 712.430 | 60 | 0.08 | 4.80 | 25,000 | 30,000 | 1,44,000 | Road Crossing |
| 6 | Buchirajupalem | 714.600 | 70 | 0.04 | 2.80 | 25,000 | 30,000 | 84,000 | |
| 7 | Buchirajupalem | 715.520 | 920 | 0.08 | 73.60 | 25,000 | 30,000 | 22,08,000 | |
| 8 | Kakaninagar | 715.330 | 60 | 0.08 | 4.80 | 25,000 | 30,000 | 1,44,000 | Road Crossing |
| 9 | Akkireddipalem | 718.390 | 1,810 | 0.08 | 144.80 | 14,000 | 16,800 | 24,32,640 | |
| 10 | Akkireddipalem | 720.200 | 90 | 0.04 | 3.60 | 14,000 | 16,800 | 60,480 | |
| 11 | Akkireddipalem | 5.880 | 4,120 | 0.04 | 164.80 | 14,000 | 16,800 | 27,68,640 | Port Connectivity |
| 12 | Akkireddipalem | 6.760 | 60 | 0.04 | 2.40 | 14,000 | 16,800 | 40,320 | Port Connectivity Road Crossing |
| Total Amount | | | | | | | | | |
| License Fees (Rs./month) = 4,09,54,080 /10x12 | | | | | | | | | 4,09,54,080 |
| Total License Fees for 5 years = 3,41,284 x12x5 | | | | | | | | | 3,41,284 |
| Total License Fees payable by Eastern Naval Command for Laying of OFC for Indian Navy under NFS Project-----> | | | | | | | | | 2,04,77,040 |
| The Licence fee for public utilities shall be 33% of the fee prescribed for Industrial utilities as per point 5 of MoRTH guidelines vide Lr.No. RW/NH/33044/29/2015/S&R(R) dt. 22.11.2016 | | | | | | | | | |
| Performance Bank Guarantee Amount calculation | | | | | | | | | 67,57,423 |
| Amount of Performance Bank Guarantee to be submitted = Total No. of route meters x Rs. 100/- per route meter (<= 300 mm dia/width) | | | | | | | | | |
| i.e. 18,090 x Rs. 100/- = 18,09,000/- | | | | | | | | | |
| Performance Bank Guarantee Amount = 18,09,000/- | | | | | | | | | |

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SPECIFICATION REPORT

Specification report to accompanying the estimate towards License fee for Laying of OFC from Maddilapalem junction (Km 703.620) to Mindi junction (Km 719.290) on LHS / RHS along / across NHAI by Indian Navy (PICG), Ministry of Defence through M/s TCIL (A Govt of India Enterprise).

Estimate Amount Rs. :

Indian Navy (PICG), Ministry of Defence through M/s TCIL (A Govt of India Enterprise) vide their letter No. Nil, dated 11 Jan 18 have requested to issue permission for laying of OFC from Maddilapalem junction (Km 703.620) to Mindi junction (Km 719.290) on LHS / RHS along / across of NH - 16 by Indian Navy (PICG), Ministry of Defence through M/s TCIL (A Govt of India Enterprise).

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

| Sl.No | Name of the village | Chainage (Km) | | Length (Km) | Rate of Land | |
|-------|---------------------|---------------|---------|-------------|--------------|------------|
| | | From | TO | | Per Sq.Yard | Per Sq.Mtr |
| 01 | Resapuvanipalem | 703.620 | 706.000 | 2.380 | 50,000 | 59800 |
| 02 | Kapparada | 706.000 | 710.000 | 4.000 | 31000 | 37076 |
| 03 | Buchirajupalem | 710.000 | 715.520 | 5.520 | 25000 | 29900 |
| 04 | Buchirajupalem | | | .06 | 25000 | 29900 |
| 05 | Kakaninagar | | | .06 | 25000 | 29900 |
| 06 | Akkireddipalem | 5.880 | 10.000 | 4.120 | 14000 | 16744 |
| 07 | Akkireddipalem | | | .06 | 14000 | 16744 |
| 08 | Akkireddipalem | 718.390 | 720.290 | 1.900 | 14000 | 16744 |

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



Annexure-1

CHECK LIST

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

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

| Sl. No. | Item | Information/ Status | Remarks |
|---------|---|--|--|
| 1 | General Information | | |
| 1.1 | Name and Address of the Applicant/Agency | Indian Navy (PICG), Ministry of Defense HQRS Eastern Naval Command Naval Base Visakhapatnam - 530014 Tel: 0891-2812792/2165/2388/2588, Tel: Fax :0891-2797670 Email: sanjaybisht@navy.gov.in , v.venkatesan@tcil-india.com , | |
| 1.2 | National Highway Number | NH -16 | |
| 1.3 | State | Andhra Pradesh | |
| 1.4 | Location | Srikakulam - Vijayawada Section Visakhapatnam District. | |
| 1.5 | (Chainage in km) | 1. KM703/620 to KM714/520 / 2. KM714/530 to KM715/520 / 3. KM 5/880 to KM 10/000 (NH- VPT) 4. KM718/390 to KM720/290 / 5. Road Crossing @ KM712/430 / 6. Road Crossing @ KM715/330 - ✓ 7. Road Crossing @ KM6/760 (NH- VPT) ✓ | 10900 Mts 990 Mts 4120 Mts 1900 Mts 60 Mts 60 Mts 60 Mts |
| 1.6 | Length in Meters | 18090 Mts | |
| 1.7 | Width of available ROW | | |
| | (a) Left side from center line towards increasing chainage/ km direction | Varies from 12 to 30 Mts | |
| | (b) Right side from center line towards increasing chainage/ km direction | Varies from 12 to 30 Mts | |
| 1.8 | Proposal to lay the cable | | |
| | (a) Left side from center line towards increasing chainage/km directions | 1. KM 703/620 to KM 712/430 2. KM 714/530 to Km 715/520 3. KM 6/760 to KM 10/000 (NH- VPT) 4. KM 718/390 to KM 720/290 | |
| | (b) Right side from center line towards increasing /km direction | 1. KM 712/430 to KM 714/520 2. KM 5/880 to KM 6/760 (NH- VPT) | |
| 1.9 | Proposal to acquire land | | |
| | a) left side from center line | NA | |
| | b) right side from center line | NA | |


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


(SS Bisht)
Lieutenant Commander
Information Technology Officer
For Officer-in-Charge


| | | | |
|------|--|---|--|
| 1.10 | Whether proposal is in the same side where land is not to be acquired | YES | |
| | If not, then where to lay the cable | NA | |
| 1.11 | Details of already laid services, if any, along the proposed route | NFS of PICG | |
| 1.12 | Number of lanes (2/4/6/8 lanes) existing | 4 lanes | |
| 1.13 | Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes) | NA | |
| 1.14 | Service road existing or not | Yes | |
| | If yes then which side | | |
| | (a) Left side from center line | Yes | |
| | (b) Right side from center line | Yes | |
| 1.15 | Proposed Service Road | | |
| | a) Left side from center line | NA | |
| | b) Right side from center line | NA | |
| 1.16 | weather proposal to lay the utility is after the service Road or between the service road and main carriageway | OFC shall be laid after the service road/truck lay byes/Bus bays as the case may be | |
| 1.17 | Weather carrying of OFC/sewage/Gas Pipeline has been proposed on Highways & Bridges. If Yes, then mention the methodology proposed for the same | GI Pipe Clamping or GI and Cement Concreting of 25x25x25 Cm | |
| 1.18 | Weather carrying of OFC/sewage/Gas Pipeline has been proposed on the parapet/any part of the bridges. If Yes, then mention the methodology proposed for the same | GI Pipe Clamping or GI and Cement Concreting of 25x25x25 Cm | |
| 1.19 | If crossing 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 expense of the agency owning the line | Yes | |
| | a) Weather the existing drainage structures are allowed to carry the utility pipeline | No | |
| | b) Is it on a line normal to the NH | No | |
| | c) What is the distance of crossing the utility pipelines from the existing structures crossing shall not be too near the existing structures on the national highway. The minimum distance being 15 meters. | | |

Srinivasa

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

(SS Bisht)
Lieutenant Commandar
Information Technology Officer
For Officer-in-Charge

| | | | |
|-----|---|----------|--|
| | d) The casing pipe 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 carrier pipe/cable | N.A | |
| | Mention type of casing | N.A | |
| | e) Ends of the casing /Conduit pipe shall be sealed from the outside so that it does not act as a drainage path | N.A | |
| | f) The casing/conduit pipe should as minimum extend from drain to drain in cuts and toe of slope in fills | N.A | |
| | g) The top of the casing /conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts | N.A | |
| | mention the proposed details | | |
| | h) Mention the methodology proposed for crossing of road for the proposed OFC/ sewage /Gas pipe line. Crossing shall be by boring method HDD. Specially where the existing road pavement is of cement concrete or dense bituminous concrete type. | N.A | |
| | 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 water way along it | N.A | |
| 2 | Document/Drawing to be enclosed with the proposal | Enclosed | |
| 2.1 | Cross section showing the size of the trench for open trenching method | Enclosed | |
| | is it normal size of 1.2m deep X 0.3meter wide | Yes | |
| | i) should not be greater than 60cms wider than the outer diameter of the pipe | Yes | |
| | ii) located as close to the extreme edge of the right of way as possible but not less than 15m from the centerline of the nearest carriageway | Yes | |
| | 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 | Yes | |


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



 (SS Bisht)
 Lieutenant Commander
 Information Technology Officer
 ... in Charge

| | | | |
|-------|---|--|--|
| | iv) These should be so laid that their top is at least 0.6m below the ground level so as not to obstruct drainage of the road land | Yes | |
| 2.2 | Cross section showing the size of the pit and location of Enclosed cable for HDD method | Enclosed | |
| 2.3 | Strip plan/route plan showing the utility/Gas Pipeline Chainage Width of ROW, distance of proposed pipeline Enclosed from the edge of ROW, important mile stone, Intersections, cross drainage works etc. | Enclosed | |
| 2.4 | Methodology for faying of the utility pipeline | Enclosed | |
| 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, what is the methodology of refilling the trench | Yes, Backfilling shall be done with granules material. Compaction shall be done in layers of 15 cm each. The trench shall be filled up to the required height of 1.6Sm (measured from top of the ducts as per trench cross section drawing attached in the proposal). A crown of 250mm shall be made at the top of the backfilled trench to cater for soil settlement. | |
| | a) The trench width should be at least 30cms. But not more than 60cms 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 30cms. 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 the bottom of the road crust | Yes | |
| | d) The side fill shall consist of granular material laid in 15cms layers each consolidated by mechanical tamping and controlled addition of moisture to | Yes | |


 Project Director
 National Highways Authority of India
 P.O. VIZAGHAPATNAM

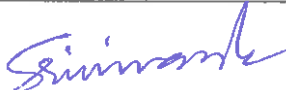
(SS Bisht)
 Lieutenant Commander
 Information Technology Officer
 For Officer-in-Charge

| | | | |
|-------|---|---|--|
| | 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted | | |
| | e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench | 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 owing the utility line. | Yes | |
| 2.4.2 | Horizontal Directional Drilling (HDD) Method | Yes, all the buildup areas, road crossings, culvert/bridges, weighing bridges, petrol bunks etc. HDD shall be proposed | |
| 2.4.3 | Methodology for laying Pipeline through of through CD works and method of laying | Where ever cable ducts are available OFC shall be laid in such ducts. In the absence of cable ducts, OFC shall be clamped outside the parapet wall of the bridge/ GI and Cement Concreting. | |
| | In case where the carrying of OFC/GAS Pipeline on the bridge becomes inescapable. | | |
| 3 | Draft License Agreement signed by two witnesses | Enclosed | |
| 3.1 | The license fee estimates as per Ministry's guidelines issued vide Circular No: RW/NH-33044/29/2015/S&R Dated 22-11-2016. | Enclosed | |
| 4 | Whether Performance BG 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. TCIL – A Govt. of India Enterprise (Executing Agency) ✓ | |
| 4.1 | Confirmation of BG has been obtained as per MORTH/NHA guidelines | Confirmation of BG Shall be obtained after BG submission by M/s. TCIL – A Govt. of India Enterprise (Executing Agency) | |
| 5 | Affidavit / Undertaking from the Applicant for the following is to be furnished | | |
| 5.1 | Undertake for not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency | Enclosed | |


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


Lieutenant Commander
Information Technology Officer
For Officer-in-Charge

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| | reasonable time (not exceeding 60 days) of the intimation given | | |
| 5.12 | Certificate from the applicant in the following format | | |
| | i) laying of OFC/GAS pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic | NA | |
| | ii) "we do under take 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 laneing / any other development" | Enclosed | |
| 6 | Who will sign the agreement on behalf of OFC Agency | Indian Navy (PICG), Ministry of Defense | |
| | Power of Attorney to sign the agreement is available or not | Yes | |
| 7 | The Project Director will submit the following certificates | | |
| 7.1 | Certificate that the proposal is confirming to all standards conditions issued vide ministers 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 the OFC/Gas pipeline would be extremely difficult and unreasonable costly and the installation of OFC/GAS pipeline 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 cure" | NA | |
| | ii) For six laning | | |
| | (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". | Enclosed | |


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(SS Bisht)
Lieutenant Commander
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| | (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning". | | |
| 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 of way to lay cable /duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of Kolkata - Chennai section from Km. to Km. of NHAI no. 16 on built, operate and transfer basis and therefore the licensee shall honor same. | NA | |
| 9 | Who will supervise the work of laying of OFC | | |
| | a) On behalf of Applicant | Indian Navy (PICG), Ministry of Defense | |
| | b) On behalf of MORTH/NHAI | NHAI, PIU (GQ), Visakhapatnam | |
| 10 | Who will ensure that the defects in road portion after Laying of OFC are corrected and if not corrected then what action will be taken. | NHAI, PIU (GQ), Visakhapatnam/Supervision Consultant | |
| | a) On behalf of Applicant | N.A | |
| | b) On behalf of MORTH/NHAI | N.A | |
| 11 | Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire? | M/s. TCIL – A Govt. of India Enterprise, Executing Agency of PICG | |
| 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 underground cable/gas pipeline, then Photocopy of register of records/permissions accorded (as maintained by PD be enclosed. | | |


 Name /Designation/Signature of the
 Authorized representative of the applicant
 (SS Bisht)
Lieutenant Commander
Information Technology Officer
For Officer-in-Charge


 Name /Designation/Signature of the
 concerned field authority of
 NHAI/PWD/BRO
Project Director
National Highways Authority of India
P.I.U. VISAKHAPATNAM