



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India
(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय, ओडिशा /Regional Office, Odisha

301 - ए, तोगरी गौजिल, पाल हाइट्स, प्लॉट नं जे/7, जयदेव विहार

भुवनेश्वर - 751013, ओडिशा

301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar
Bhubaneswar- 751013, Odisha

दूरभाष/Tel. : +91-674-2361570/670

फैक्स/Fax : +91-674-2361770

ई-मेल /e-mail : roodisha@nhai.org

ronhaodisha@gmail.com

वेबसाइट/Website : <http://www.nhai.org>

NHAI/13011/16//RO/OD/ 1524/2018

21.06.2018

To

The Sr. Technical Director,
NIC Centre at MoRTH,
Transport Bhawan,
New Delhi 110001

Sub: Permission for laying of electrical cable from 17.660 Km to 19.800 Km along NH-16 (Old NH-5) on RHS from Bhubaneswar towards Jagatpur in the district of Cuttack-reg

Sir,

Please find enclosed herewith a proposal seeking NOC for laying of electrical cable from 17.660 Km to 19.800 Km along NH-16 (Old NH-5) on RHS from Bhubaneswar towards Jagatpur in the district of Cuttack in the State of Odisha.

2. Accordingly, as per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application along with the recommendations of concerned PD/Consultants are enclosed herewith with request to hoist the same in the Ministry's Website for public comments within 30 days of uploading on the website.

This is issued with the approval of the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".

Yours faithfully,


General Manager (Tech.)



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India
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301 - ए, तीसरी मंजिल, पाल हाइट्स, प्लॉट नं जे/7, जयदेव विहार
भुवनेश्वर - 751013, ओडिशा

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NHAI/13011/16/RO/OD/ 1523 /2018

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21.06.2018

INVITATION OF PUBLIC COMMENTS

Sub: Permission for laying of electrical cable from 17.660 Km to 19.800 Km along NH-16 (Old NH-5) on RHS from Bhubaneswar towards Jagatpur in the district of Cuttack-reg.

Project Manager, PMU-33/11KV, OPTCL HQ, Bhubaneswar has submitted a proposal seeking NOC for laying of electrical cable from 17.660 Km to 19.800 Km along NH-16 (Old NH-5) on RHS from Bhubaneswar towards Jagatpur in the district of Cuttack in the State of Odisha.

2. As per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the Highway Administration will put out the application in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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

**The Regional Officer,
National Highways Authority of India,
Regional Office, Odisha
301-A, 3rd Floor, Pal Heights,
J/7, Jayadev Vihar, Bhubaneswar 751013, Odisha
e-mail : roodisha@nhai.org**

This is issued with the approval of the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".

**General Manager (Tech.)
National Highways Authority of India,
Regional Office, Odisha
301-A, 3rd Floor, Pal Heights,
J/7, Jayadev Vihar, Bhubaneswar 751013**



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

पहला तल, सेतु भवन, नयापल्ली, युनिट-8, भुवनेश्वर-751012

1st Floor, SETU BHAWAN, Nayapalli, Unit-VIII, Bhubaneswar-751012

दूरभाष/Tel. : (0674) 2392720, 2392730

फैक्स/Fax : (0674) 2392740

ई-मेल/e-mail : bhu@nhai.org



भारतमाला
राज्य के चर पर जखम
BHARATMALA
ROAD TO PROSPERITY

NHAI/11016/33/2018/PIU/BBSR/1286

05.06.2018

To,

The CGM (Tech.) & Regional Officer,
National Highways Authority of India,
Regional Office, 301-A, 3rd Floor, Pal Heights,
J/7, Jayadev Vihar,
Bhubaneswar-751013.

Sub: Permission for laying of electric cable from 17.660 Km to 19.800 km along NH-16 (Old NH-5) on RHS from Bhubaneswar towards Jagatpur in the District of Cuttack – **Submission of Proposal for Approval – Reg.**

Sir,

In inviting a kind reference to the subject cited above, it is to mention that the Project Manager (ODSSP), Project Management Unit-33/11 KV, OPTCL, Bhubaneswar has submitted the above mentioned proposal vide their letter no. 4036 dated 20.12.2017 which was subsequently revised by the applicant vide letter no. 4563 dated 06.02.2018 for issuance of permission for laying of electric cable from 17.660 km to 19.800 km along NH-16 (Old NH-5) on RHS from Bhubaneswar towards Jagatpur in the District of Cuttack.

2. The Independent Engineer has examined the same in the light of MoRT&H/NHAI vide circular no. NH-41 (58)/68 dated 31.01.1969 & no. NH-III/P/66/76 dated 18/19th November 1976 and "Accommodation of underground utility services like electric cables and pipelines from water/gas/petroleum products along and across National Highways", no. 11041/217/2007 – Admn. Dated 04.02.2009 (Policy Matter No. 46/2009) and subsequent modification in accordance to the provision made in the checklist and guidelines, inspected the site and submitted the proposal as feasible. Copy of IE letter no 2025 dated 09.04.2018 is enclosed herewith for ready reference.

3. In this connection, it is to mention that requisite fee and BG shall be obtained from the applicant before signing of the Agreement, as per MoRT&H Circulars.

In view of the above, it is recommended that necessary permission may be accorded to the Project Manager (ODSSP), Project Management Unit-33/11 KV OPTCL, Bhubaneswar for the above mentioned proposal as per the extant provisions & guidelines of MoRT&H. Copy (1 Photocopy) of proposal along with report of IE is enclosed herewith.

Yours faithfully,

(Biju Patir)

Project Director

Encl: As above.

Copy to:

The Project Manager (ODSSP), Project Management Unit-33/11 KV, OPTCL, BBSR for kind information.

CERTIFICATE

Sub: Permission for laying of electric cable from 17.660 km to 19.800 km along NH-16 (Old NH-5) on RHS from Bhubaneswar towards Jagatpur in the district of Cuttack.

7.1 It is to certify that the proposal are confirming of all standard condition issued vide Ministry/ NHA1 Circular No. NH-41 (58)/68 dated 31.01.1969, Ministry Circular No. RW/NH-III/P/66/76 dated 18/19th November 1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.05.1982, Ministry Circular No. RW/NH/-11037/1/86-DOI dated 28.07.1993, ministry Circular No. RW/NH-11037/1/86/DOI dated 19.01.1995, Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.09.2003 and subsequent modification.

7.2 (i) "It is certified that any other location for the proposal would be extremely difficult and unreasonable costly and the laying of underground electric cable 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 carriageway, easing of curve etc."

(ii) For Six Laning.

(b) "I do certify that sufficient ROW is available at site for accommodating proposed six laning".

12. It is to certify that the undersigned will enter the proposed permission in the register of records of the permissions in the prescribed pro forma.



(Biju Patir)
Project Director
NHAI, PIU, Bhubaneswar
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.का.इ.भुवनेश्वर/PIU, Bhubaneswar

Ref. No.: NOD-SAICPL/IC-Orissa/NH-5/2018/Tech./2050

Date: 25.04.2018

To,

The Project Director

National Highways Authority of India

Project Implementation Unit

1st floor, Setu Bhawan, Nayapally

Unit - VIII, Bhubaneswar

Sub: Independent Engineer Services for 6- laning of Chandikhole- Jagatpur-Bhubaneshwar Section of NH-5 (Km. 414.000-419.000 and Km. 0.000- 62.000) in the State of Orissa to be executed as BOT (Toll) basis on DBFOT Pattern under NHDP -V

Reg: Permission for laying of electric cable from 17.660 km to 19.800 km along NH-16 (Old NH-5) on RHS from Bhubaneswar towards Jagatpur in the District of Cuttack.

Ref: i) Your letter-NHAI/11016/33/2017/PIU/BBSR/891 dated 24.04.2018.

ii) IE letter- NOD-SAICPL/IC-Orissa/NH-5/2018/Tech./2025 dated 09.04.2018.

Dear Sir,

Please be refer to our letter 2025 dated 09.04.2018 vide which the permission of laying of electrical cable from Km. 17+660 to Km. 19+980 along NH-5/16 was reviewed at this end and commented accordingly. Further, your letter cited under reference asking justification regarding laying of top of conduit pipe below 5 m as recommended in our letter in spite of minimum 1.2 m as per guide lines.

In this connection, this stretch of project highway is under development and one VUP at Balikuda to be constructed. To avoid unnecessary disturbance of electrical line during the construction of VUP, service road and other misc. work, it is better to provide safe distance form expected cutting level. The top of conduit pipe should be at sufficient depth i.e. more than (2m cutting depth + 1.2m depth of conduit pipe line below cutting level = 3.2 m) say 3.5m below existing road surface to present any untoward incident/unnecessary disturbance of live electrical cable. Therefore, the top of conduit pipe for electrical cable below 3.5m to 5m below existing road surface is safe, hence justified.

This is for your information and perusal.

Thanking you and assuring you our best service at all times.

Yours sincerely,



(Satyajit Banerjee)

Team Leader

Copy to: 1. M/s SJEPL, Pahal, NH-5, Bhubaneswar

2. Independent Engineer, NOD-SAICPL, Noida-201301

भा.रा.रा.प्र., NHAI
ए.का.ड., भुवनेश्वर/PIU, Bhubaneswar
आयरी.सं/Dy. No. 27.17. दि. 23-5-18
प्रा.सं./F. No.
को मार्क दिना


07/05/18
Attached with
Shanti Samal
Bhuyan
07-05-18

Check list for getting approval for laying of Electric Power Cable along NH land.

| SLS | Item | Information/Status | Remarks |
|------|---|---|---------|
| 1 | General Information | Permission for laying electric power cable along National Highway-16(Old NH-15) between Bhubaneswar to Jagathpur from Chainage 17.600 Km to Chainage 19.800 Km. | |
| 1.1 | Name and address of the applicant/agency | Amaranth Mohanty (Project Manager), PMU OPTCL, Bhubaneswar Dist.- Khurda, Odisha | |
| 1.2 | National Highway Number | NH-16(Old NH-5) | |
| 1.3 | State | Odisha | |
| 1.4 | Location | Cuttack | |
| 1.5 | Chainage in Km. | Ch.17.600 to Ch.19.800 | |
| 1.6 | Length in Meters | 2200m | |
| 1.7 | Width of available RoW | | |
| | (a) Left side from centre line towards Increasing Chainage/km.direction. | 30m | |
| | (b) Right side from centre line towards Increasing Chainage/km.direction. | 30m | |
| 1.8 | Proposal to lay underground electrical cable | | |
| | (a) Left side from centre line towards Increasing Chainage/km.direction. | NA | |
| | (b) Right side from centre line towards Increasing Chainage/km.direction. | Right Hand side | |
| 1.9 | Proposal to acquire land | NA | |
| | (a) Left side from centre line. | NA | |
| | (b) Right side from centre line. | NA | |
| 1.10 | Whether proposal is in the same side where land is not be required | NA | |
| | If not then where to lay the cable | Within utility corridor | |
| 1.11 | Details of already laid services, if any, along the proposal route | NHAI to intimate | |
| 1.12 | Number of lanes(2/4/6/8 lanes) | 6 | |
| 1.13 | Proposed number of lanes (2 lane with paved shoulders/4/6/8 lanes) | 6 | |
| 1.14 | Services road existing or not | Exist | |
| | If yes then which side | Both Side | |
| | (a) Left side from centre line | | |
| | (b) Right side from centre line | Right Hand side | |
| 1.15 | Proposed Services road | NA | |
| | (a) Left side from centre line | NA | |
| | (b) Right side from centre line | NA | |
| 1.16 | Whether proposal to lay electric power cable line is after the service road or between the services road and main carriageway | NA | |

Signature
Y.P. (Tech)

Signature
Member (Tech)
National Highways Authority of India

Signature
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India

Signature
Project Manager
PMU-33/11kV, OPTCL, Bhubaneswar

| | | | |
|------|--|----------------|--|
| 1.17 | The permission for laying of electric power cable line shall be considered for approval/rejection based on the Ministry Circular mentioned as above | Agreed | |
| (a) | Carrying of sewage/gas power cable line on highways bridges shall not be permitted as fumes/ gases pipe can accelerate the process of corrosion or may cause explosion, thus, being much more injurious than leakage of water. | Agreed | |
| (b) | Carrying of power cable lines on bridges shall also be discouraged. However if power cable authorities seem to have no other viable alternative and approach the Highways Authority well in-time before the design of the bridge is finalized. They may be permitted to carry the power cable line on independent superstructure, supported extended portions of piers and abutment in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs etc. | Agreed | |
| (c) | Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utility | Agreed | |
| (d) | Services are not being allowed indiscriminately on the parapet/any part of the bridge, safety of the bridge has to be kept in view while permitting various services along bridge. Approval are to be accorded in this regard with the concurrence of the Ministry's project Chief Engineers only | Agreed | |
| 1.18 | If crossing of the road involved. If yes, it shall be either encased in power cables or through structure of conduit specially built for that purpose at the expenses of the agency owning the line. | Not applicable | |
| (a) | Existing drainage structure shall not be allowed to carry the lines. | Agreed | |
| (b) | Is it on a line normal to NH | Yes | |
| (c) | Crossing shall not be too near the existing structure on the national Highway, the minimum distance being 15 meter. What is the distance from the existing structure? | Agreed | |
| (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 adequate strength and to be large enough to permit ready withdrawal of the carrier pipe/cable. | Agreed | |
| (e) | Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path. | Agreed | |

(Signature)
4.8. (Tech)

(Signature)
Manager (Tech)
National Highways Authority of India

(Signature)
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
PMU-33/11kV, OPTCL HQ
Shubaneswar

(Signature)
Project Manager
PMU-33/11kV, OPTCL HQ
Shubaneswar

| | | | |
|-------|--|-----------------------------|--|
| (f) | The casing/ conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills. | Agreed | |
| (g) | The top of the casing/ conduit pipe should be at least 1.2meter below the surface of the road subject to being at least 0.3 mtr below the drain inverts. | Agreed | As per SA Infra instructions, Bedding shall be to a depth of not less than 3.5mtr. |
| (h) | Crossing shall be by boring method (HDD) specially where existing road pavement is of cement concrete or dense bituminous concrete type. | No crossing | |
| (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 waterways along it. | Agreed | |
| 2 | Document / Drawings enclosed with proposal. | Yes | |
| 2.1 | Cross section showing the size of trench for open trenching method.(Is it normal size of 1.2m deep X 0.3m wide) | Yes | |
| (i) | Should not be greater than 60cm. 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 15 mtrs from centre-lines 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 | |
| (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. | Yes | |
| 2.2 | Cross section showing the size of the pit and location of cable for HDD method. | Incorporated in the drawing | |
| 2.3 | Strip plan / route plan showing water supply pipe line Chainage, width of RoW distance of proposed pipe line from the edge of RoW, important mile stone intersection, cross drainage work etc. | Yes | |
| 2.4 | Methodology for laying of proposed electric power cable line. | 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, methodology of refilling of trench | Agreed | |
| (a) | The trench width should be at least 30 cm but not more than 60 cm wider than the outer diameter of the pipe. | Agreed | |
| (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 | Agreed | |

Shakti Kumar
Bhuvan
05.06.18
HP (Tech.)

परियोजना निदेशक
PROJECT DIRECTOR
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प्रियदर्शन / PIU, Bhubaneswar
Project Implementation Unit-Bhubaneswar

अभिषेक कुमार
26.06.18
Project Manager
PMU-33/11kV, OPJCL HQ
Bhubaneswar

| | | | |
|-------|--|---|--|
| | bearing valve. Unsuitable soil and rock edge should be excavated and replaced by the selected material. | | |
| (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. | Agreed | |
| (d) | The side fill shall consist of granular material laid in 15 cm layer each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overall shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted. | Agreed | |
| (e) | The road crust shall be built to the same strength as the existing crust on the either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. | Agreed | |
| (f) | The excavation shall be protected by flagman, sign and barricades and right lights during night hours. | Agreed | |
| (g) | If required, a diversion shall be constructed at the expenses of agency owning the utility line. | Agreed | |
| 2.4.2 | Horizontal Directional Drilling (HDD) method | Methodology attached | |
| 2.4.3 | Laying of electric power cable works and method of laying. | Attached | |
| (a) | On approaches, the electric power cable shall be carried along a line as close to the edge of right-of-way as possible up to a distance of 30 m from the bridge and subject to all other stipulation contained in this Ministry's guidelines issued with letter No. NH-HI/P/66/76 dated 19.11.1976. | Attached | |
| 3 | Draft License Agreement signed by two witness | Enclosed | |
| 4 | Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs.50/- per running meter (parallel to NH) and Rs.1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring / making good excavated trench for laying the cable/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth | To be submitted as and when intimated by NHAI | |

S. Bhunia
S.P. (Tech)

S. Bhunia
S.P. (Tech)

[Signature]
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
Project Implementation Unit, Bhubaneswar

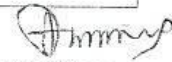
[Signature]
Project Manager
PMU-33/11KV, OPTCL HQ
Bhubaneswar

| | | | |
|------|--|-----------------------------|--|
| 4.1 | Performance BG as per above is to be obtained. | Shall be submitted as above | |
| 4.2 | Confirmation of BG has been obtained as per NHAI guidelines | Yes | |
| 5 | Affidavit / undertaking from the applicant for: | Attached | |
| 5.1 | Not to damage to other utility, if damaged than to pay the losses either to NHAI or to the concerned agency | Attached ✓ | |
| 5.2 | Renewal of Bank Guarantee. | Attached ✓ | |
| 5.3 | Confirming all standard condition of NHAI's guidelines. | Attached ✓ | |
| 5.4 | Shifting of electric power cable line as and when required by NHAI at their own cost. | Attached | |
| 5.5 | Shifting due to 6 laning/ widening of NH | Attached | |
| 5.6 | Indemnity against all damages and claims clause (24). | Attached | |
| 5.7 | Traffic movement during laying of electric power cable line to be managed by the applicant. | Attached | |
| 5.8 | If any claim is raised by the concessionaire than the same has to be paid by applicant | Attached | |
| 5.9 | Prior approval of the NHAI shall be obtained before undertaking any work of installation shifting or repairs, or alternation to the showing electric power cable line located in the National Highway right of ways. | Attached ✓ | |
| 5.10 | Expenditure if any incurred by NHAI for repairing any damage caused to the National Highway by the laying maintenance or shifting of the electric power cable line will be borne by the agency owning the line. | Attached ✓ | |
| 5.11 | If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it shall be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given. | Attached ✓ | |
| 5.12 | Certificate from the applicant in the following format (i) Laying of electric power cable line will not have any deleterious effects on any of the bridge components and road and roadways safety for traffic. (ii) For 6-laning we do undertake that we will relocate service road /approach road/utilities at our own notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-laning or | Attached ✓ ✓ | |

S. S. Bhunia
Y.P. (Tech)


Project Director
National Highways Authority of India
Project Implementation Unit - Bhubaneswar


परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India


Project Manager
PMU-33/11kV, OPTCL HQ
Bhubaneswar

| | | | |
|-----|--|--|--|
| | any other development." | | |
| 6 | Who will sign the agreement on behalf of electric cable laying agency. | Amaranth Mohanty (Project Manager), PMU | |
| 7 | Certificate from the Project Director. | | |
| 7.1 | <p>Certificate for confirming of all standard condition issued vide Ministry Circular No.</p> <ol style="list-style-type: none"> 1. Ministry Circular No. NH-41(58)/68 dated 31.1.1969 2. Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976 3. Ministry Circular No. RW/NH-III/P/66/76 dated 11.05.1982 4. Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993 5. Ministry Circular No. RW/NH-11037/186-DOI dated 19.01.1995 6. Ministry Circular No. RW/NH-34.66/2/95/S&R dated 25.10.1999 7. Ministry Circular No. RW/NH-34066/7/2003 S&R(B) dated 17.09.2003 | Shall be enclosed | |
| 7.2 | <p>Certificate from PD in the following format</p> <p>(i) "It is certified that any other location of the electric power cable line would be extremely difficult and unreasonable costly and the installation of electric power cable line within RoW will not adversely affect the design stability and traffic safety of the highway nor then likely future improvement such has widening of the carriageway easing of curve etc."</p> <p>(ii) For 6-laning</p> <p>(a) Where feasible 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."</p> <p>(b) In case feasibility report is not available, "I do certify that sufficient RoW is available at site for accommodating proposed six-laning."</p> | Attached | |
| 8 | If NH section proposed to do taken up by NHAI on BOT basis -a clause is to be inserted in the agreement, "the permitted Highways on which licensee has been granted the right to lay cable / duct has also | Yes, inserted in the agreement | |

SS Bhunia
V.P. (Tech.)

M. S. (Tech.)
National Highways Authority of India
Project Implementation Unit-Bhubaneswar

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Bhubaneswar

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| | 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 honour the same." | | |
| 9 | Who will supervise the work of laying of electric power cable line | OPTCL | |
| 10 | Who will ensure that the defects in road portion after laying of electric power cable line are corrected and if not corrected then what action will be taken. | OPTCL | |
| 11 | Who will pay the claims for damages done /disruption in working of concessionaire if asked by the concessionaire. | OPTCL | |
| 12 | A certificate from PD that he will enter proposed permission in the prescribed proforma (copy enclosed) | Yes | |
| 13 | If any pervious approval is accorded for laying of underground electric power cable line that photocopy of register of records of permission accorded as maintained by PD then copy be enclosed | No | |

SS Chandra
T.P. (Tech.)

Debabrata

Manager (Tech)
National Highways Authority of India
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[Signature]

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