



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार) National Highways Authority of India

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

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

301 - ए, तीसरी मंजिल, पाल हाईटस, 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 / Ph.: 0674 - 2361470/ 570/670 (का/ओ)

ई-मेल/e-mail : roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट/Web : www.nhai.gov.in



NHAI/13011/54/RO/OD/ 114 /2025

14.01.2025

To

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

Sub: Grade Separator at Khandagiri Chowk (Km. 412.200) on NH-16: Permission for laying 11 KV Electrical power cable between Km.411.550 to Km. 412.050 with one crossing at Km. 411.550 on NH-16 from Khandigiri Chowk to Khusi Hotel, District -Khurda in the state of Odisha -Reg.

Ref: PD, PIU- Bhubaneswar letter No. 15 dated 02/03.01.2025.

Sir,

Please find enclosed herewith proposal of M/s TPCODL for Permission for laying 11 KV Electrical power cable between Km.411.550 to Km. 412.050 with one crossing at Km. 411.550 on NH-16 from Khandigiri Chowk to Khusi Hotel, District -Khurda in the state of Odisha. The details are as under:

| Sl. No. | Description  | Chainage                              | HDPE / DI/ MS Pipe Dia in MM                  | Remarks            |
|---------|--------------|---------------------------------------|---|--------------------|
| 1.      | Crossing     | Km. 411.550                           | 3 nos 200mm dia and 1 no. 40 mm dia HDPE Pipe | Through HDD method |
| 2.      | Along the NH | From Km. 411.550 to Km. 412.050 (RHS) |   |                    |

2. Accordingly, as per guidelines issued by MoRT&H vide F. No. RW/NH-33044/29/2015/S&R(R) dt. 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 Regional Officer, Odisha.

Yours Sincerely,

(Amit Kumar Gupta)  
Dy. General Manager (Tech)



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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NHAI/13011/54/RO/OD/ 114 /2025

14.01.2025

### INVITATION OF PUBLIC COMMENTS

**Sub:** Grade Separator at Khandagiri Chowk (Km. 412.200) on NH-16: Permission for laying 11 KV Electrical power cable between Km.411.550 to Km. 412.050 with one crossing at Km. 411.550 on NH-16 from Khandigiri Chowk to Khusi Hotel, District -Khurda in the state of Odisha -Reg.

M/s TPCODL has submitted a proposal for Permission for laying 11 KV Electrical power cable between Km.411.550 to Km. 412.050 with one crossing at Km. 411.550 on NH-16 from Khandigiri Chowk to Khusi Hotel, District -Khurda in the state of Odisha. The details are as under:

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2. As per guidelines issued by MoRT&H 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 are 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](mailto:roodisha@nhai.org)

This is issued with the approval of RO, Odisha.

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

## C H E C K - L I S T

### Check list for getting approval for laying of Electric Power Transmission Line on NH-16 land

| Sl No. | Item  | Measurement, Observation as per site conditions   | MORTH Norms                | Whether complying with MORTH Norms |
|--------|---|---|----------------------------|------------------------------------|
| 1      | General Information   | Laying of 11 KV Electrical Power Cable supply alongside of NH-16 between Chainage KM- 411+550 to KM- 412+050 Kolathia Feeder from Khandagiri Chowk to Khushi Hotel Crossing, with Crossing at Chainage KM- 411+550. | Public Utility             | YES                                |
| 1.1    | Name and Address of the Applicant                                       | TP Central Odisha Distribution Limited<br>Corporate Office- IDCO Towers, 2 <sup>nd</sup> Floor, Janpath, Bhubaneswar 751022 (Odisha)  | Public Utility             | YES                                |
| 1.2    | National Highway  | NH-16   | NA                         | NA                                 |
| 1.3    | State   | ODISHA  | NA                         | NA                                 |
| 1.4    | Location  | Crossing NH-16 at KM- 411+550 near from Khandagiri Chowk to Khushi Hotel Overhead and Underground Transmission of Electric Cable on LHS of the road from KM- 411+550 to KM- 412+050                                 | Public Utility             | YES                                |
| 1.5    | (Chainage in K.M)   | KM- 411+550 to KM- 412+050  | YES                        | YES                                |
| 1.6    | Length in Meter   | 500MTR  | YES                        | YES                                |
| 1.7    | Width of Available RoW  |   |                            |                                    |
|        | a) Left side from centreline towards increasing chainage/km direction   | 30 MTR  | Utility Corridor available | YES                                |
|        | b) Right side from centre line towards increasing chainage/km direction | 30 MTR  | Utility Corridor available | YES                                |
| 1.8    | Side of NH  |   |                            |                                    |
|        | a) Left side of NH towards increasing chainage/km direction)            | Crossing at KM 411+550 M  | ANY SIDE                   | YES                                |
|        | b) Right side of NH towards increasing chainage/km direction)           | Along the utility corridor from km 411+550 to 412+050   | ANY SIDE                   | YES                                |
| 1.9    | Name of Highway Authority of NHAI/PWD/BRO                               | National Highway Authority of India   |                            | YES                                |
| 1.10   | Highway Administration address  | PIU-Dhenkanal   |                            | YES                                |
| 2      | Details of already laid utility   | Nil   | NIL                        | NA                                 |

*K. Nageshwar Rao*

परियोजना निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
ए. व. इ. भुवनेश्वर/PIU, Bhubaneswar



*Jay. S. Jena*

|       |   |                                  |   |     |
|-------|---|----------------------------------|---|-----|
|       | service if any  |                                  |   |     |
| 3     | Whether upgradation of the stretch in near future is proposed or not                                    | No                               | NA  | NA  |
|       | a) If yes, provision of utility adversely affect the plan of upgradation                                | NA                               | Not affect plan of up-gradation   | YES |
| 4     | Laying of the utility service along the National Highways.  | Electric Cable                   |   |     |
| 4.1   | Location of proposed utility service along the stretch.   | KHANDAGIRI CHOWK TO KHUSHI HOTEL | Utility Duct/beyond the toe line of the embankment and drains and close to the extreme edge of the RoW. | YES |
| 4.2   | Depth of top of utility service from ground level   | 3 MTR                            | D.G Meter   | YES |
| 4.3   | Mechanism for crossing water channel  | NA                               | Through utility duct(if provision exists) or beneath the bed of water channel.                          | YES |
| 4.4   | Whether RoW is restricted in this stretch?  | No                               |   | YES |
| 4.4.1 | If yes, whether provision of land acquisition is required to lay utility                                | NA                               | NA  | YES |
|       | a) If yes, whether undertaking for land acquisition along with relevant L.A details has been furnished. | NA                               | NA  | YES |
| 4.4.2 | Width of concrete dust. If utility services are proposed to be laid in concrete ducts.                  | NA                               | Not less than one lane  | YES |
| 5     | Laying of utility services across the NH  | YES                              | HDD Method  | YES |
| 5.1   | Whether Existing drainage structures is allowed to carry the utility lines.                             | No                               | Not to be allowed   | YES |
| 5.2   | Proposed crossing of utility service  | Perpendicular to NH              | Perpendicular to NH   | YES |
| 5.3   | Type of casing pipe/Conduct carrying the utility line.  | Steel Cast Iron                  | Steel ,cast iron or reinforced cement concrete and have adequate strength                               | YES |
| 5.4   | Whether ends of the casing/conduit pipe are sealed from the outside                                     | YES                              | Sealed  | YES |

K. Nageswara Rao

परियोजना निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
ए.एम.ए. भुवनेश्वर/PIU, Bhubaneswar



|     |  |  |   |     |
|-----|--|--|---|-----|
| 5.5 | Length of top of the casing/conduit pipe crossing NH   | 60 MTR   | Extend from drain to drain in cuts and toe to toe of slope in the fills,                | YES |
| 5.6 | Depth of top of the casing /conduit pipe   | 3 MTR  | At least 1.2m below the top of subgrade   | YES |
| 5.7 | Crossing method to case of CC payment.   | HDD METHOD   | Only boring method (HDD)  | YES |
| 5.8 | Horizontal and vertical clearance in case utilities are allowed overhead.  | NA   | In accordance with IRC codes.   | YES |
| 6   | Document/Drawings enclosed with the proposal.  | YES  |   | YES |
| 6.1 | Cross-Section showing the size of trench for open trenching method   | NA   | Enclosed if applicable.   | NA  |
|     | a) Trench width  | NA   | More than 30cm and less than 60cm wider than the outer diameter of the utility pipe.    | NA  |
|     | b) Filling of trench   | NA   | as per Ministry guidelines vide letter No.RW/NH-34044/29/2015/S&R ( R) dated 22.11.2016 | NA  |
|     | c) Location of trench  | NA   | Extreme edge of the RoW.  | NA  |
| 6.2 | Cross section showing the size of pit and location of conduit for HDD method.  | 4 X 1 X 1.2<br>(Length*Width*Depth),<br>Location-AT Km 411+550 | Enclosed, if applicable   | YES |
| 6.3 | Strip plan/Route plan showing utility line, chainage, width of RoW distance of proposed utility from the edge of RoW, important milestone intersections, cross drainage works etc. | YES  | Enclosed  | YES |
| 6.4 | Plan and profile drawing of stretch showing cross section of road at 20M distance along with RoW and proposed utility.   | YES  | Enclosed.   | YES |
| 7   | Methodology for laying of utility line.  | HDD  | Enclosed  | YES |
| 8   | Draft License Agreement is as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R ( R) dated 22.11.2016 and signed by two witnesses.                                   | YES  | Enclosed  | YES |

K. Nageshwar Rao

परियोजना निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.वा.उ.भुवनेश्वर/PIU, Bhubaneswar



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|      |  |           |   |     |
|------|--|-----------|---|-----|
| 9    | License fees in favour of MoRTH RPAO   | ON DEMAND | As per Ministry vide circular no. RE/NH-33044/29/2015/S&R (R) dated 22.11.2016. | YES |
| 10   | Whether Bank Guarantee has been obtained   | ON DEMAND | As per Ministry vide circular no. RE/NH-33044/29/2015/S&R (R) dated 22.11.2016. | YES |
|      | a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NH/NHAI guidelines.   | NA        |   | NA  |
| 11   | Affidavit/Undertaking from the Applicant for   |           |   |     |
| 11.1 | Undertaking for not to damage other existing utility, if damaged then to pay the losses to either to MoRTH/NHAI or to the concerned agency.  | YES       | Enclosed  | YES |
| 11.2 | Undertaking for renewal of Bank Guarantees and when asked by NHAI/MoRTH  | YES       | Enclosed  | YES |
| 11.3 | Undertaking for confirming all standard condition of MoRTH/NHAI guidelines.  | YES       | Enclosed  | YES |
| 11.4 | Undertaking for shifting of utility as and when asked by MoRTH/NHAI within a month at their own cost.  | YES       | Enclosed  | YES |
| 11.5 | Undertaking for Indemnity against all damages and claims.  | YES       | Enclosed  | YES |
| 11.6 | Undertaking for management of traffic movement during laying of utility line without hampering the traffic,  | YES       | Enclosed  | YES |
| 11.7 | Undertaking that if any claim is raised by the Concessionaire /Contractor then the same has to be paid by the applicant.   | YES       | Enclosed  | YES |
| 11.8 | Undertaking that the applicant has obtained various safety clearance from the representative authorities such as directorate of Electricity, Chief Controller of Explosives Petroleum and Explosives, Petroleum and Explosives safety Organisation oil Industry Safety Directorate. State / central Pollution Control Board and any other statutory clearances applicable, | YES       | Enclosed  | YES |

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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.क.ड, भुवनेश्वर/PIU, Bhubaneswar



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|--|--|--|--|--|
|  | before applying to Highway Administration. |  |  |  |
|--|--|--|--|--|

The Right of the Way(RoW) of the National Highway available at the proposed location from the center line of divided carriageway is (60.00)m (from center of RoW to edge of RoW to edge of RoW towards proposed utility).

The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions.

Regional Officer  
NHAI- Bhubaneswar  
Bhubaneswar (Odisha)

*K. Nageshwar Rao*

Project Director  
PIU  
NHAI

परियोजना निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.वा.इ. बhubaneswar/PIU, Bhubaneswar

*Jay. S. Jena*

Authorised Signatory  
TPCODL  
Bhubaneswar (Odisha)

