



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 हाईट्स, 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/१२।४/2025

19.09.2025

To

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

Sub: Chandikhole - Bhubaneswar section of NH-16: Proposal for permission for laying of 33 KV electric cable line along NH-16 from Km. 12.040 to Km. 12.584 and crossing at Km. 12.584 at Nuahata, dist. Cuttack, Odisha - Reg.

Ref: PD, PIU- Bhubaneswar letter No. 1319 dated 13/14.08.2025

Sir,

Please find enclosed herewith proposal of M/s Grand Bazar Developers LLP for permission for laying of 33 KV electric cable line along NH-16 from Km. 12.040 to Km. 12.584 and crossing at Km. 12.584 at Nuahata, Dist. Cuttack, 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. 12.584	3 nos 110 mm dia HDPE Pipe	Through HDD method
2.	Along the NH	From Km. 12.040 to Km. 12.584 (RHS)	13 nos Poles	Overhead Line

2. Accordingly, as per guidelines issued by MoRTH 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

(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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क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

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दूरभाष / Ph.: 0674 - 2361470/ 570/670 (का/ओ)

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NHAI/13011/54/RO/OD/ 2217/2025

19.09.2025

INVITATION OF PUBLIC COMMENTS

Sub: Chandikhole - Bhubaneswar section of NH-16: Proposal for permission for laying of 33 KV electric cable line along NH-16 from Km. 12.040 to Km. 12.584 and crossing at Km. 12.584 at Nuahata, dist. Cuttack, Odisha - Reg.

M/s Grand Bazar Developers LLP has submitted a proposal for permission for laying of 33 KV electric cable line along NH-16 from Km. 12.040 to Km. 12.584 and crossing at Km. 12.584 at Nuahata, Dist. Cuttack, 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. 12.584	3 nos 110 mm dia HDPE Pipe	Through HDD method
2.	Along the NH	From Km. 12.040 to Km. 12.584 (RHS)	13 nos Poles	Overhead Line

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

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



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

303, उत्कल सिगनेचर, 3 ताला, एनएच-5, पाहाल, भुवनेश्वर-752101, ओडिशा

303, Utkal Signature, 3rd Floor, NH-5, Pahal, Bhubaneswar-752101, Odisha

दूरभाष / Ph.: 0674-2962600 (का / O)

ई-मेल / e-mail : bhu@nhai.org, वेबसाइट / Web : www.nhai.gov.in



NHAI/11016/193/RO(UGC_GrandBazaar_12.040 to 12.584_NH-16)/2024/PIU/BBSR/1319

13.08.2025

14

To

The GM (T) & Regional Officer,
National Highways Authority of India,
301-A, 3rd Floor, Pal Heights,
Plot No. J/7, Jaydev Vihar,
Bhubaneswar-751013.

Sub: Six laning of Chandikhole-Jagatpur-Bhubaneswar section of NH-16 from Km 414+000 to Km 419+000 & Km 0+000 to Km 62+000 (length 67 Kms) in the State of Odisha to be executed as BOT (Toll) project on DBFO pattern under NHDP Phase-V. Permission for laying / crossing of electric cable line along NH-16 (Old NH-5) at chainage 12.040 to 12.584 (Between Bhubaneswar to Cuttack near Nuahata). Provisional NOC-Reg.

- Ref:**
1. Grand Bazaar Dev. LLP letter No. GBDLLP/Nuahata/NH-16 dt. 19.05.2025.
 2. NHAI, PIU Bhubaneswar letter no. 823 dated 27.05.2025.
 3. Grand Bazaar Dev. LLP letter No. NIL dated 12.07.2025.
 4. NHAI, PIU Bhubaneswar letter no. 1198 dated 30.07.2025.
 5. M/s CMEC Consulting Engineers Pvt. Ltd. in Association with ToR Engineers and Consultants Pvt. Ltd. letter No. 1900 dated 30.07.2025.
 6. M/s SJEPL letter No. 1-194 dated 11.08.2025.

Sir,

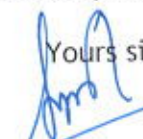
This is in reference to letter No. GBDLLP/Nuahata/NH-16 dt. 19.05.2025 and 12.07.2025, received from Grand Bazaar Dev. LLP has submitted the proposal for laying / crossing of electric cable line along NH-16 (Old NH-5) at chainage 12.040 to 12.584 (Between Bhubaneswar to Cuttack near Nuahata) on NH-16.

2. The proposal has been examined in the light of guidelines of Ministry of Road Transport & Highways issued vide Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 "Accommodation of Public and Industrial Utility services along and across National Highways" and subsequent modification in accordance to the provision made in the checklist & guidelines and found to be in order. The proposal was forwarded to the Independent Engineer, M/s. CMEC Consulting Engineers Pvt. Ltd. In association with TOR Engineers and Consultants Pvt. Ltd. and Concessionaire M/s Shree Jagannath Expressways Private Limited, vide this office letter No. 823 & 1198 dated 27.05.2025 & 30.07.2025 for detailed examination in light of the above circular. The Consultant has also inspected the site and verified the checklist along with the layout plan and satisfied with the requirements as per Ministry's above guidelines and also recommended the above proposal vide their letter No.1900 dated 30.07.2025. Further, the Concessionaire vide their letter No.1-194 dated 11.08.2025 has given their no objection for the access / approach road for the above permission. The Consultant has submitted the proposal may be considered for granting access permission with following comments/Conditions:-

1. Grand Bazaar Dev. LLP had submitted detailed erection of electric pole and one crossing plan of 33 KV cable from Km 12.040 to 12.584 (Between Bhubaneswar to Cuttack near Nuahata) of Bhubaneswar to Chandikhole direction of NH-16.

2. During course of crossing the 33 KV electric cable, it should be laid minimum 3.5mtr below the road level by Horizontal Directional Drilling (HDD) method, as proposed in the drawing and should be done very carefully so that no damage to be caused to the existing road crust/embankment.
 3. The erection of 33kV electric poles will be carried out beyond the designated Right of Way (ROW) due to site constraints. This adjustment ensures safe and efficient alignment of the power line while maintaining compliance with relevant standards.
 4. The applicant shall not undertake any work of shifting, repair or alternation to the utility service without prior permission of the concerned agency in the co-ordination with the authority.
 5. The applicant shall be responsible to ascertain from the respective agency in coordination with authority, regarding the location of other utilities/ underground installations / facilities etc.
 6. The applicant shall have to provide safety measures like barricading; danger lighting and other necessary caution boards while executing the work.
 7. The electric cable should be laid beyond the edge of ROW as mentioned in the line diagram no encroachment to NH ROW is permitted.
 8. In future, if any widening of road is needed, the concerned agency will have to shift the 33 KV electric cable line at their own risk and cost.
 9. The 33 KV cable proposed at the edge of ROW in 2m wide utility corridor of the project is satisfying the CL 2.1 of Guidelines of MoRTH circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016. (Copy of letter is enclosed).
3. Further, the applicant has submitted all the requisite documents, checklists and Affidavit & Undertakings along with Methodology and Drawing. It is submitted that requisite fee shall be obtained from the applicant before signing of the agreement.
4. In view of the above, the proposal along with site inspection report is enclosed herewith with recommendation for according necessary permission to Grand Bazaar Dev. LLP for permission to laying / crossing of electric cable line along NH-16 (Old NH-5) at chainage 12.040 to 12.584 (Between Bhubaneswar to Cuttack near Nuahata) to the applicant should be laid Optical Fibre Cable at the edge of the ROW along the Project Highway within the 2m. HDD at method from Utility corridor as per the extant provisions & guidelines of MoRT&H.

Encl:- As Above.

Yours sincerely,

Suraj Kumar Singh, IDSE
Project Director
PIU-Bhubaneswar

Site Inspection Report

Sub: Six laning of Chandikhole-Jagatpur-Bhubaneswar section of NH-16 from Km 414+000 to Km 419+000 & Km 0+000 to Km 62+000 (length 67 Kms) in the State of Odisha to be executed as BOT (Toll) project on DBFO pattern under NHDP Phase-V- **Permission for laying / crossing of electric cable line along NH-16 (Old NH-5) at chainage 12.040 to 12.584 (Between Bhubaneswar to Cuttack near Nuahata). Provisional NOC-Reg.**

The proposed site for laying / crossing of electric cable line along NH-16 (Old NH-5) at chainage 12.040 to 12.584 (Between Bhubaneswar to Cuttack near Nuahata) has been inspected by the Independent Engineer, M/s CMEC Consulting Engineers Pvt. Ltd. In association with TOR Engineers and Consultants Pvt. Ltd. and the representatives of Grand Bazaar Dev. LLP and the drawings submitted for the same satisfy all the requirements as per the Ministry of Road Transport & Highways Circular No.RW/NH-33044/29/2015/S&R (R) dt. 22.11.2016 "Accommodation of Public and Utility services along and across National Highways" and subsequent modification in accordance to the provision made in the checklist & guidelines and found to be in order



Team Leader
M/s CMEC Consulting Engineers Pvt.
Ltd. In association with TOR
Engineers and Consultants Pvt. Ltd.



Jalaj Jain
(Site Engineer)

Rajeev Kumar
Manager (T)
NHAI, PIU-BBSR
Manager (Tech)
National Highways Authority of India
Project Implementation Unit-Bhubaneswar

Suraj Kumar Singh, IDSE
Project Director
पियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.क.उ. बhubaneswar/PIU, Bhubaneswar



SHREE JAGANNATH
EXPRESSWAYS PRIVATE LIMITED

SJEPL/Corres/NHA/1-194

Date: 11/08/2025

To,
The Project Director
National Highways Authority of India, (PIU)
303, 3rd Floor, Utkal Signature,
NH-16, Pahal, Bhubaneswar- 752 101.

3623 12-08-2025
[Handwritten signatures and stamps]

Subject: Six Lining of Chandikhole-Jagatpur-Bhubaneswar section of NH-16 from km 419+000 to km 0+000 and km 0+000 to km 62+000 (length 67 km) in the state of Orissa to be executed as BOT (Toll) project on DBFOT pattern under NHDP Phase-V.: **Permission for laying/Crossing of electric cable line along NH-16(OldNH-5) at chainage 12.040 to 12.584 (between Bhubaneswar to Cuttack Near Nuahata)- Provisional NOC - Reg.**

Ref:

- 1) IE-CMEC/NHA/NH-16/CJB/2025/1900 dated 30th July 2025
- 2) NHA letter no. NHA/11016/193/RO (UGC Grand bazar_12.040 to 12.384_NH-16)/2024/PTU/BBSR/1198 dated 30th July 2025
- 3) NHA letter no. NHA/11016/193/RO (UGC Grand bazar_12.040 to 12.584 _NH-16)/2024/PYU/BBSR/823 dated 27th May 2025

Dear Sir,

This is in reference to NHA letter at ser 2 regarding 33 KV line laying and crossing plan submitted by Grand Bazar, Bhubaneswar. Concessionaire has carried out a site inspection at the said location and the following comments are submitted:

1. During the road crossing, the contractor should carry out Horizontal Directional Drilling (HDD) work from Right ROW outer to Left ROW outer.
2. As this is a 33kV line, a minimum depth of 3.5 meters must be maintained.
3. No damage/ alteration must be caused to the NH assets during the execution.
4. Prior Work Intimation to be provided at least one day before commencement of said work.

In this regard, reference is drawn to the IE letter at ser 1 wherein, the IE after site inspection and scrutiny of the documents/ drawings has found the proposal to be in compliance with the relevant guidelines of MoRTH and has granted the Provisional NOC.

In view of the IE recommendation and site inspection by Concessionaire as above, Concessionaire hereby accords its Provisional NOC for the said work subjected to satisfying the Guidelines of MoRTH circular No RW/NH-33044/29/2015/S&R(R) dated 22nd Nov 2016




**SHREE JAGANNATH
EXPRESSWAYS PRIVATE LIMITED**

We also request the Authority to share with us the formal letter approving any access permission to the applicants with us for inspection during the actual execution & for our records.

The applicant may also be provided with the contact details of contact persons at SJEPL so that the work can be completed without causing any damages to the assets of NHAI.

Thanking you and assuring you of our best services.

For Shree Jagannath Expressways Pvt. Ltd.



Authorized Signatory

Copy of this letter is uploaded to NHAI data lake portal.

Copy to: The Independent Engineer, M/s CMEC Consulting Engineers Pvt. Ltd. in association with TOR Engineers & Consultants Pvt. Ltd.

Co-Consulting Engineers Pvt. Ltd.
in Association with TOR Engineers and Consultants Pvt. Ltd.

Ref: CMEC/NHA/NH-16/CJB/2023/1900

Date: 30.07.2025

To,

Project Director,
National Highways Authority of India,
303, Utkal Signature, 3rd Floor,
NH-5, Pahal, Bhubaneswar - 752101

RECEIVED
30.07.2025
3437 2 01 08 2025

M
Ramesh

Sub: Independent Engineer Services during Operation & Maintenance Period for 6-Laning of Chandikhole-Jagatpur-Bhubaneswar Section of NH-16 from Km.413.000 to Km.418.000 and Km.0.000 to Km.62.000 in the State of Odisha executed as BOT (Toll) Projects on DBFOT Pattern under NHDP-V- **Permission for laying/Crossing of electric cable line along NH-16(OldNH-5) at chainage 12.040 to 12.584 (between Bhubaneswar to Cuttack Near Nuahata)- Provisional NOC Reg.**

Ref.: 1. Your letter no. NHA/11016/193/RO (UGC Grand bazar 12.040 to 12.584 NH-16) /2024/PIU/BBSR/823,dt 27.05.2025
2. Your letter no. NHA/11016/193/RO (UGC Grand bazar 12.040 to 12.584 NH-16)/2024/PIU/BBSR/1198,dt 30.07.2025

Dear Sir,

With reference to above subject matter of 33 K V erection of electric pole and one crossing plan submitted by Grand Bazar, Bhubaneswar has been checked at site by IE and the comments/observations are noted below:

1. Grand Bazar had submitted, revised detailed erection of electric pole and one crossing plan of 33 K.V cable from Km. 12.040 to 12.584 (between Bhubaneswar to Cuttack Near Nuahata)
2. IE has conducted site inspection on 22.07.2025 and examined the proposal at site.
3. During course of crossing the 33 KV electric cable, it should be laid minimum 3.5mtr below the road level by Horizontal Directional Drilling (HDD) method, as proposed in the drawing and should be done very carefully so that no damage to be caused to the existing road crust/embankment.
4. The erection of 33kV electric poles will be carried out beyond the designated Right of Way (ROW) due to site constraints. This adjustment ensures safe and efficient alignment of the power line while maintaining compliance with relevant standards.
5. The applicant shall not undertake any work of shifting, repair or alternation to the utility service without prior written permission of the concerned agency in the co-ordination with the authority.
6. The applicant shall be responsible to ascertain from the respective agency in coordination with authority, regarding the location of other utilities / underground installations / facilities etc.
7. The applicant shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
8. The electric cable should be laid beyond the edge of ROW as mentioned in the line diagram no encroachment to NH ROW is permitted.

in Association with TOR Engineers and Consultants Pvt. Ltd.

Independent Engineer Services during Operation & Maintenance Period

for 6-Laning of Chandikhole-Jagatpur-Bhubaneswar Section of NH-16 from Km.413.000

The 33 K.V cable proposed at the edge of ROW in 2m wide utility corridor of the project is satisfying the Cl: 2.1 of Guidelines of MORTH circular No.RW/NH-33044/29/2015/S&R(R) dt.22.11.2016.

Truly Yours,

In association with TOR Engineers and Consultants Pvt. Ltd.



Cc: M/s Shree Jagannath Expressways Pvt. Ltd. for information.



सत्यमेव जयते

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

303, उत्कल सिगनेचर, 3 ताला, एनएच-5, पाहाल, भुवनेश्वर-752101, ओडिशा
303, Utkal Signature, 3rd Floor, NH-5, Pahal, Bhubaneswar-752101, Odisha

दूरभाष / Ph.: 0674-2982600 (का / O)

ई-मेल / e-mail : bhu@nhai.org, वेबसाइट / Web : www.nhai.gov.in



NHA/11016/193/RO (UGC GrandBazaar 12.040 to 12.584 NH-16)/2024/PIU/BBSR/ 823

27.05.2025

To

The Team Leader,

M/s. CMEC Consulting Engineers Pvt. Ltd. In association with TOR Engineers and Consultants Pvt. Ltd.,
604A, Esplanade One Mall (6th Floor),
Rasulgarh, Bhubaneswar - 751010.

The Authorised Signatory

M/s Shree Jagannath Expressways Pvt. Ltd.,
At-Old Toll Plaza, Administrative Building,
Opp. Nirgundi Railway Station, NH-16,
Manguli, Cuttack-754025.

Sub: Six laning of Chandikhole-Jagatpur-Bhubaneswar section of NH-16 from Km 414+000 to Km 419+000 & Km 0+000 to Km 62+000 (length 67 Kms) in the State of Odisha to be executed as BOT (Toll) project on DBFO pattern under NHDP Phase-V. Permission for laying / crossing of electric cable line along NH-16 (Old NH-5) at chainage 12.040 to 12.584 (Between Bhubaneswar to Cuttack near Nuahata). Provisional NOC-Reg.

- Ref:
1. This Office letter No. 1659 dated 07.12.2023.
 2. Grand Bazaar Dev. LLP letter No. GBDLLP/Nuahata/NH-16 dt. 10.01.2024.
 3. This Office letter No. 124 dated 30.01.2024.
 4. M/s CMEC Consulting Engineers Pvt. Ltd. letter No. 1163 dated 31.10.2024.
 5. M/s CMEC Consulting Engineers Pvt. Ltd. letter No. 1606 dated 18.04.2025.
 6. M/s SJEPL letter no. 1-79 dated 01.05.2025.
 7. This Office letter no. 1428 dated 05.11.2024.
 8. Grand Bazaar Dev. LLP letter No. GBDLLP/Nuahata/NH-16 dt. 19.05.2025.

Sir,

Please find enclosed herewith the copy of the revised proposal received from Grand Bazaar Dev. LLP letter No. GBDLLP/Nuahata/NH-16 dt. 19.05.2025 on the subject cited above.

In this connection, it is requested to examine the proposal after site inspection in light of the guidelines issued by Ministry of Road Transport & Highways vide Circular No.RW-NH-33044/29/2015-S&R(R) dated 22.11.2016 "Guidelines/Norms for grant of permission for construction of access to fuel stations, Wayside Amenities, connecting roads, Other properties, Rest Area Complexes & such other facilities" and other relevant guidelines, if any.

Further, the report along with your recommendation may be submitted to this office within a 7 days for taking further needful action at this end.

Yours faithfully,

Encl: As above

Suraj Kumar Singh, IDSE
Project Director
PIU Bhubaneswar

No : GBDLLP/NUAHAT /NH-16
Date : 19/05/2025

To

The Project Director,
National Highways Authority of India,
303, 3rd Floor, Utkal Signature, Palal,
Bhubaneswar-752101

Subject :- Approval for ROW of NHAI for laying/crossing of electric cable line along NH-16 (Old NH-5) at chainage 12.040 to 12.584 (Between Bhubaneswar to Cuttack near Nuahata)

Sir,

Inviting a kind reference to the subject cited above, we are hereby submitting the proposal as follows for your kind consideration and accord of necessary approval.

1. Route plan
2. Cross section plan
3. License deed agreement
4. Undertakings.
5. Checklist
6. Methodology

Fee & Charges will be deposited in accordance with NHAI guidelines after getting approval. Submitted for your kind perusal and approval please.

Thanking You

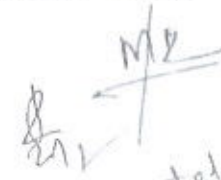
For Grand Bazaar Developers LLP
Grand Bazar Developpers LLP.


Authorised Signatory

Authorised Signatory

2326-20-05-2025

2326-20-05-2025


Obtain Consent of IE&SJEPL
2/5



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P 118085

LICENCE DEED FOR LAYING OF ELECTRICAL CABLE ON NATIONAL HIGHWAY LAND

Agreement to lay and cross electrical cable from 12.040 kilometer to 12.584 kilometer along National Highway No-5(OLD),NH-16 (NEW) on RHS from Bhubaneswar towards Cuttack at Nuahata in the District of Cuttack.

1. AN AGREEMENT made this _____ day of _____ (month) of 2024 (Two thousand twenty four) between the President of India/National Highways Authority of India (hereafter called the Government which expression shall, Unless excluded by or repugnant to the context, include his successors in office and assigns) of the one part

And

Grand Bazar Developers LLP (hereafter called the "Licensee" which expression shall, Unless excluded by or repugnant to the context, include his heirs its successor their successors and assigns) of the other part

2. WHEREAS the licensee has applied to the Government (NHA) for permission to lay electrical cable from 12.040 kilometer to 12.584 kilometer along National Highway No-5(OLD),NH-16 (NEW) on RHS from Bhubaneswar towards Cuttack at Nuahata in the District of Cuttack

3. AND WHEREAS the Government (NHA) have agreed to grant such permission on the terms and conditions here in after mentioned

Grand Bazar Developers LLP.

[Signature]
Authorised Signatory

At this time, the licensee/ licensees shall, within three months from the date hereof but without interfering with the work, complete the laying of electrical cable to the satisfaction of the Divisional Engineer/ Project Director in-Charge of the National Highways (hereinafter referred to as the Divisional/ Executive Engineer/ Project Director as applicable) in accordance with the drawing and specifications approved by the Divisional/ Executive Engineer/ Project Director.

- vi That the licensee/ licensees shall be responsible for restoring the road and at his/ their own cost to its original condition after laying the electrical cable or, after any damage caused due to inadequate maintenance/ operation of electrical cable.
- vii That in case of any burst or leak of electrical cable the licensee/ licensees shall bear the entire cost of restoration or damage caused to the road.
- viii That the licensee/ licensees shall not that the period permission in writing of the Divisional/ Executive Engineer/ Project Director undertake any work of shifting repairs or alterations to the said electrical cable.
- ix That the licensee/ licensees shall at all times permit any duly authorized officer or servant of the Government/NHA to inspect the said electrical cable.
- x That the licensee/ licensees shall be liable for any loss or damage caused to the Government/NHA by drainage obstruction or any other like cause due to the said electrical cable.
- xi That the licensee/ licensees within two months of a notice duly given to him to this behalf by the NHA/ Government shall at his/ their own cost remove the water supply pipes and restore the road land to its original condition when required to do so by the Government/NHA or by any person authorized on its behalf. The licensee/ licensees shall not be entitled to any compensation on account of such removal or restoration.
- xii That if the licensee/ licensees fail to execute any work which he has agreed to execute under this agreement to the entire satisfaction of the Project Director NHA/ Government, the work shall be executed by the Project Director NHA/ Government at the cost of the licensee/ licensees and the amount shall be recoverable from the licensee/ licensees as arrears of land revenue without prejudice to any other remedies which may be open to the Government/NHA in this behalf.
- xiii That the licensee/ licensees shall not sell, transfer or otherwise dispose of the permission without obtaining the previous consent of the Government/NHA in writing.
- xiv That this agreement will remain in force for a period of five years from the date of execution in the first instance and be terminated by a notice of two months and the permission may not be renewed after the expiry of the said period.
- xv That the permission granted by this licensee shall not in any way to be deemed to convey to the licensee/ licensees any right in or over or any interest in Government land other than what is herein expressly granted.
- xvi That during the subsistence of this licensee, the electrical cable located on the road shall be deemed to have been constructed and continued only by the consent and permission of the Government so that the right of the licensee/ licensees to the use thereof shall not become absolute and indefeasible by lapse of time.

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That the licensee/licensees shall bear the stamp duty charges on this agreement.

Govt. of India (NHAI) will not be responsible for any damage of any kind by what so ever means natural or otherwise to the underground electrical cable.

The electrical cable shall not be brought into use the licensee/licensees unless a completion to the effect that the water supply pipes have been laid in accordance with the approved specifications and drawings has been obtained from the Project Director.

Government for a breach of any condition of the licensee and the licensee/licensees shall not be entitled to any loss caused to its by such cancellation, not shall it be absolved from any liability already incurred under this agreement.

8. Annexure-I stipulating the conditions to be enclose/incorporated in the approval letter for permission for laying of electrical cable shall be part of this agreement.

9. That the licensee will relocate service road/approach road/utilities at our own cost notwithstanding the permission granted within such time as will be stipulated by "NHAI for future six/laning or any other development.

10. The permitted Highway on which licensee has been granted right to lay electrical cable line has also been granted as a right of way to the concessionaire under the concession agreement for up gradation of said section from Kilometer of National Highway No-5(old), NH-16(new) on build, operate and transfer basis therefore, the licensee shall honour the same."

This agreement has been executed in duplicated and each party to this agreement has retained one stamped copy each.

Grand Bazar Developpers LLP.

Authorised Signatory

Sri Rakesh Jajodia

For Grand Bazar Developpers LLP

The constituted attorney of the licensees

Signed by Shri (Name in full)

Project Director,

National Highways Authority of India

For and on behalf of the President of India

In the presence of

1. Name in full (Signature) with designation

Rony Sahu

1. Name in full (Signature) with designation

2. Name in full (Signature) with designation

Benukhar muni

2. Name in full (Signature) with designation



1. We do undertake not to damage to other utilities, if damaged then to pay the losses either to NHAI or to the concerned agency. 6444 472998

2. We do undertake that the Bank Guarantee furnished will be renewed till completion of the work for which proposal has been submitted.
3. We do undertake to ensure that during laying of water supply pipeline we shall be executing the work conforming to all standard condition of NHAI's guidelines.
4. We do undertake that we shall shift water supply pipeline as and when required by the National Highways Authority of India at our own cost.
5. We do undertake that we will shift water supply pipeline for future six laning/widening of NH.
6. We do undertake that shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggravated owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for at our risk and cost. We in co-ordination with NHAI shall also have a right to make good such damages/recover the claims by way invoking or Bank Guarantee furnished by us.

Grand Bazar Developpers LLP.

Authorised Signatory

Sri Rakesh Jajodia
For & on behalf of
Grand Bazar Developpers LLP



क्रि. नं. 02/84

64AA 472997

Affidavit/Undertaking

1. We do undertake that traffic movement during laying of water supply pipeline to be managed by us.
2. We do undertake that if any claim is raised by the Concessionaire then the same has to be paid by us.
3. We do undertake that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to the existing water supply located in the National Highways right of way.
4. We do undertake that expenditure, if any, incurred by NHAI for repairing any damages caused to the National Highway by shifting or maintenance or shifting of the water supply pipeline will be borne by us.
5. If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at our own cost within a reasonable time that does not exceed 30 days, of the intimation given.
6. We do undertake that a security fee shall be given by us at the time of approval.

Grand Bazar Developers LLP.

Sri Rakesh Jain
For & on behalf of
Grand Bazar Developers LLP

Authorised Signatory

REFER LIST

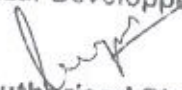
1. Ministry of Power and Coal, Government of India, regarding the proposed the size of electrical cable in the cable plant. (11/11/81) with NH-4.

• Relevant Circulars

1. Ministry Circular No. NH-4 (583/68) dated 13.11.1968
2. Ministry Circular No. NH-4 (56/76) dated 18.01.1976
3. Ministry Circular No. RW NH-4 (1037/86-DOL) dated 28.07.1982
4. Ministry Circular No. RW NH-4 (1037/86-DOL) dated 28.07.1993
5. Ministry Circular No. RW NH-4 (1037/86-DOL) dated 19.01.1995
6. Ministry Circular No. RW NH-4 (34066/295 S&R) dated 25.10.1999
7. Ministry Circular No. RW NH-4 (34066/72003 S&R) dated 17.09.2003



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Check list for getting approval for laying of Electrical Cable Line on NH land

Sl. S	Item	Information/Status	Remarks
1.1	General Information		
1.2	Name of the agency	Sri Rakesh Jajodia For & on behalf of Grand Bazar Developers LLP	
1.3	National Highway Number	NH-5(Old), NH-16(New)	
1.4	State	Odisha	
1.5	Location	Nuabara	
1.6	Chainage in Km.	Km. 12+040 to Km. 12+584	
1.7	Length in Meters	544m	
1.8	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	
1.9	Proposal to lay underground electrical cable	Electric power cable is proposed to be laid along the utility corridor.	
	(a) Left side from center line towards increasing chainage km. direction.	Right hand side	
	(b) Right side from center line towards increasing chainage km. direction.		
1.10	Proposal to acquire land	NA	
	(a) Left side from centre line.		
	(b) Right side from centre line.		
1.11	Whether proposal is on the same side where land is not to be acquired? If not then where is it to be laid?	NA	
1.12	Details of already laid services, if any, along the proposed route	NA	
1.13	Number of lanes (2, 4 or 8 lanes) existing	6	
1.14	Proposed number of lanes, lane with paved shoulders etc.	NA	
1.15	Service road available or not?	Yes	
	If yes then on which side?	Yes	
	(a) Left side from centre line	Yes	
	(b) Right side from centre line		
1.16	Proposed service road	No proposal	
	(a) Left side from centre line		
	(b) Right side from centre line		
1.17	Whether proposal for electric cable line is after service road or between the service road and outer carriageway	After service road	
1.18	The permission for laying of electric cable line is being considered for		



परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.व.ड. भुवनेश्वर/PIU, Bhubaneswar
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17	approval of the Board on the basis of findings recommended above.	Agreed	
18	Carrying of water pipe line on bridges shall also be disallowed. However, if the water supply authorities seem to have no other viable alternative and approach the Highway Authority well in time before the design of the bridge is finalized. They may be permitted to carry the pipe line on independent superstructure supported on extended portions of piers and abutments 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	
19	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 utilities.	Agreed	
20	Services are not being allowed indiscriminately on the parapet/any part of the bridges. Safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.	Agreed	
21	If crossing of the road involved. If yes, it shall be either encased in pipes or through structure of conduits specially built for that purpose at the expenses of the agency owning the line.	Agreed	
22	(a) Existing drainage structures shall not be allowed across the line.	Agreed	
	(b) Is it on a line with a N.L.	Yes	
	(c) Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures?	Agreed	
	(d) The casing pipes or trench pipe in the case of electric cables carrying the utility line shall be as steel, cast iron or reinforced cement concrete and have adequate strength.	Agreed	



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राष्ट्रीय राजमार्ग प्रकल्प
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.वा. ३, गुडगांव/पु. भुवनेश्वर

	within 100m of the road.		
	for ends of the pipe shall be sealed.	Agreed	
(f)	The pipe should be installed in a trench 1.2m deep and 0.2m wide to drain it out and the pipe should be sealed.	Agreed	
(g)	The top of the drainage conduit pipe should be at least 100mm below the surface of the road surface or 150mm below the drain cover.	Agreed	
(h)	Crossing shall be by boring method (HDD) specially where the existing road pavement is of concrete or dense bituminous concrete type.	Agreed	
(i)	The drainage conduit pipe shall be installed with an open bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Agreed	
2	Document Drawings enclosed with proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching or details of normal size of 1.2m deep 800mm dia.	Details shown in the drawing attached	
(i)	Should not be greater than 60cm. Wider than the outer diameter of the pipe.	Agreed	
(ii)	Located at least 1.5m from the extreme edge of the right-of-way is portable but not less than 1.5 meter from the edge of the nearest carriageway.	Electric power cable is proposed to be laid within 2.0 mtr inside the edge of ROW	
(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.	No such case existing	
(iv)	These shall be laid but their top is at least 100mm below the surface level of the road land.	Agreed	
2.2	Cross section showing the size of the pit and location of the HDD method.	Enclosed	
2.3	Strip plan showing water supply line, drainage, width of ROW, distance of proposed pipe from the edge of the road, mile stone, intersection, drainage works etc.	Attached	
2.4	Methodology for laying of proposed water supply pipeline.	Attached	



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Project Director
National Highways Authority of India
Bhubaneswar

(a)	Open trenching shall not be allowed in utility corridors where the pavement is neither concrete nor dense bituminous surface except in special Methodology approved by the Engineer.	NA	
(b)	The trench shall be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	NA	
(c)	For filling of the trench, bedding shall be to a depth of not less than 15cm. 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.	NA	
(d)	The backfill shall be completed in two stages (i) immediately to the level of the top of the pipe and (ii) to the bottom of the road crust.	NA	
(e)	The side fill 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 was removed. Consolidation by watering or ponding will not be permitted.	NA	
(f)	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.	NA	
(g)	The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA	
(h)	If required, a diversion shall be constructed at the expense of agency owning the utility line.	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Laying of electric cables for through CD works and method of laying		
(a)	On application, the power supply mains/cables shall be carried along a line as close to the edge of the right-of-way as possible and at a distance of 3 m from the bridge and satisfying all other stipulations contained in the Ministry's guidelines	Agreed	



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परियोजना निरीक्षक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प. व. ३, मुम्बई/PIU, Bhubaneswar

<p>enclosed with this letter for the purpose of date 11/11/2018.</p> <p>with a view to the work being done by the licensee.</p> <p>Performance Bank Guarantee in favour of NHAI for Rs. 1000/- per running meter to NHAI and Rs. 10000/- for covering of NH, for a period of one year (initially extendable if required till satisfactory completion of work) as a security for ensuring & making good the excavated trench for laying the cables/ducts by proper filling and compaction, cleaning 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 & filling loose earth.</p>		Enclosed
4.1	Performance Bank Guarantee above is to be obtained.	Agreed
4.2	Confirmations of SC has been obtained as per NHAI guidelines.	Agreed
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 NHAI or to the concerned agency.	Enclosed
5.2	Renewal of Bank Guarantee.	Shall be submitted
5.3	Confirming all standard condition of NHAI's guidelines.	Enclosed
5.4	Shifting of Water supply pipe line as and when required by NHAI at their own cost.	Enclosed
5.5	Shifting due to opening/widening of NH.	Enclosed
5.6	Indemnity against all damages and claims clause.	Enclosed
5.7	Traffic movement during laying of water supply pipeline to be managed by the applicant.	Enclosed
5.8	If any claim is made by the Concessionaire then the same has to be paid by the applicant.	Enclosed
6	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting, repairs, or alterations to the existing water supply pipe line located in the National Highway right of way.	Enclosed



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प. व. ड. ड. भुवनेश्वर/PIU, Bhubaneswar
 भारतीय राष्ट्रीय प्राधिकरण
 निर्माण विभाग/Project Director
 राष्ट्रीय राजमार्ग प्राधिकरण
 National Highways Authority of India

5.11	responsibility of the agency for repairing or shifting of the line to the National Highway. The agency responsible for maintenance or shifting of the line will be borne by the agency.	Enclosed	
5.12	If the NHAI is required to carry out any work of improvement or repair on the road, it shall be carried out as directed by the NHAI at the cost of the agency owning the utility line within a reasonable time not exceeding 60 days of the commencement.	Enclosed	
6	Certificate from the applicant in the following format: (i). Laying of water supply pile line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) For 6-laning We do undertake that we will relocate service roads approach road/utilities at our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-laning or any other development.	Enclosed	
7	Who will sign the agreement on behalf of water supply agency	Sri Rakesh Jajodia	
8	Certificate from the Project Director	Shall be enclosed	
9.1	Certificate for compliance of all standard condition issued by Ministry Circular No.	(Yes/No)	Yes
	1. Ministry Circular No. NH-41581/68 dated 3.1.1969 2. Ministry Circular No. NH-111/P/68 dated 19.11.1976 3. Ministry Circular No. RW/NH-111/P/68 dated 05.05.1982 4. Ministry Circular No. RW/NH-11037/83 dated 28.07.1983 5. Ministry Circular No. RW/NH-11037/83 dated 19.01.1995 6. Ministry Circular No. RW/NH-11037/83 dated 25.10.1995 7. Ministry Circular No. RW/NH-		



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प्राधिकृत निदेशक/प्रोजेक्ट डायरेक्टर
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प. व. 3, गुडनेश्वर/PIU, Bhubaneswar

2. Certificate Form shall be in the following format:

(Yes/No)

Yes

(i) "I do certify that any other layout of the Water Supply Pipe Line would be extremely deficient and unreasonable costly and the installation of Water Supply pipe line 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 6-laning

(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."

(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 to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [-----] section from Km ----- to Km ----- of NH NO.-----on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."

Agreed

Yes

9. Who will supervise the work of laying of water Supply pipe line

Grand Bazar Developers LLP

10. Who will ensure that the defects in road portion after laying of water supply pipe line are corrected and if not corrected then what action will be taken.

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परियोजना निदेशक/प्रोजेक्ट डायरेक्टर
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highway's Authority of India
प.व.नं. ३, गुप्तपट्टा/PIU, Bhubaneswar

	Who shall be liable for damages done due to the laying of water supply line by the contractor as per the contract.	Grand Bazar Developers LLP
12	A certificate from PD that it will enter the proposed water supply line register of records as per the prescribed provisions of the prescribed provisions.	Enclosed
13	If any necessary approval is accorded for laying of water supply pipeline that the register of records of permissions shall be maintained by PD then copy being sent.	Agreed



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Director
 National Highway Authority of India

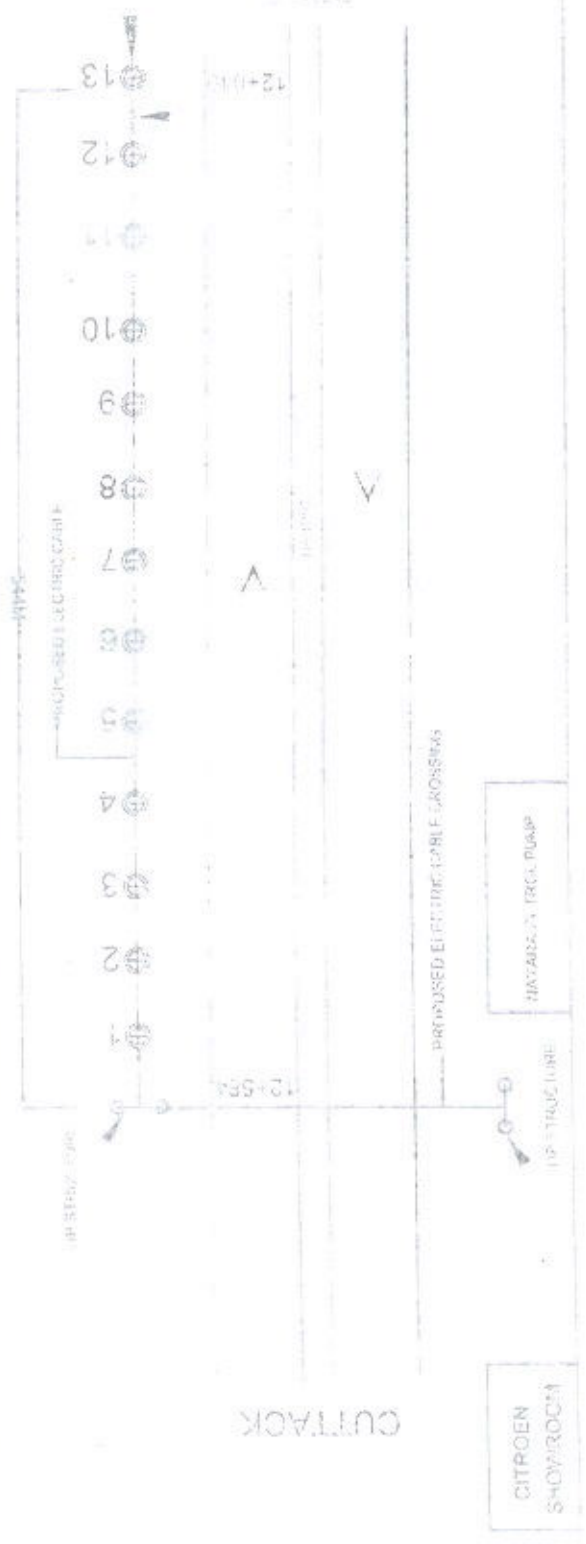
METHODOLOGY FOR LAYING OF ELECTRIC POWER CABLE BY TRENCHLESS METHOD.

- ❖ Jacking and receiving pits are excavated on both ends. The jacks will be in against the back of the left pit so that the right pit is used as a reinforcement.
- ❖ A simple track is laid to guide the concrete pipe sections. The jacks are positioned in place on supports.
- ❖ The laser is fixed in the back of the hydraulic jack pit to guide the operator to jack the pipe in proper alignment and slope.
- ❖ The jacking shield is lowered and shield is pushed with jack upto 1000mm. After that the soil inside is either mechanically or excavated by Auger machine up 500mm and again the shield is further pushed and the process repeated. The excavated soil is removed by conveyor from the jacking pit.
- ❖ After pushing of jacking shield, section of concrete pipe is lowered into the pit and above procedure of excavation and soil removal is followed.
- ❖ The jacks are operated, pushing the pipe section forward.
- ❖ The jacks are retracted and a spacer is added between the jacks and pipe.
- ❖ The jacks are operated and the pipe is pushed forward again.
- ❖ It may be necessary to repeat the above steps several times until the pipe is pushed forward enough to allow room for the next section of pipe. It is extremely important, therefore, that the strike of the jacks be
- ❖ As long as possible to reduce the number of spacers required and thereby reduce the amount of time and cost. The best solution would be to have the jack stroke longer than the pipe to completely eliminate the need for spacers.
- ❖ The next section of pipe is lowered into the pit and the above steps repeated. The entire process above is repeated until the operation is complete.
- ❖ During the advancing of the pipeline, lubricants such as bentonites, clay mixed with water, and polymers are pumped into the annular space between the soil and pipe to reduce friction and the required axial force of the jacking.
- ❖ It is common to use a 24 hour operation when pushing pipe, reducing the possibility that the pipe will freeze or set in the ground.
- ❖ *In this operation, the jacking pipe would be M.S. pipe, which would act as casing pipe.*
- ❖ *After laying of the casing pipe, the carrier pipe i.e. reinforced concrete pipe would be pushed in and the manhole would be subsequently constructed at the jacking and receiving pits.*

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Sign of Sri Rakesh Jaisodia
for Grand Bazar Developpers LLP



ROAD ELEVATION VIEW



HOPE PIPE OF 110MM DIA

CABLE SIZE - 630 SQ MM

LINE VOLTAGE - 33 KV

CONDUCTOR SIZE - 232 SQ MM (FROM DP TO POLE NO-13)

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



Grand Bazar Developers LLP.

CLIENT	GRAND BAZAR DEVELOPERS LLP
TITLE	ALUMINATE PNEUMATIC SAFETY LAMP
DATE	PERMISSION TO CROSS ROAD AT ELECTRIC POLE NO-13 AND ALUMINATE PNEUMATIC SAFETY LAMP TO CROSS ROAD
CONSULTANT	UNITED CONSULTING ENGINEERS PLOT NO. 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

SIGN OF APPLICANT

SIGN OF PROJECT DIRECTOR