



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/ 2291 /2025

26.09.2025

To

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

Sub: Chandikhole - Bhubaneswar section of NH-16: Proposal of M/s TPCODL for crossing of 11 KV Electrical Power Cable at Km. 30+320 near Birupa Bridge, District-Cuttack in the state of Odisha - Reg

Ref: PD, PIU- Bhubaneswar letter No. 1309 dated 13/14.08.2025

Sir,

Please find enclosed herewith proposal of M/s TPCODL for crossing of 11 KV Electrical Power Cable at Km. 30+320 near Birupa Bridge, District-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	at Km. 30.320	2 nos 160 mm dia HDPE Pipe	Through HDD method

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)

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NHAI/13011/54/RO/OD/ 2291 /2025

26.09.2025

INVITATION OF PUBLIC COMMENTS

Sub: Chandikhole - Bhubaneswar section of NH-16: Proposal of M/s TPCODL for crossing of 11 KV Electrical Power Cable at Km. 30+320 near Birupa Bridge, District-Cuttack in the state of Odisha - Reg

M/s TPCODL has submitted a proposal for crossing of 11 KV Electrical Power Cable at Km. 30+320 near Birupa Bridge, District-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	at Km. 30.320	2 nos 160 mm dia HDPE Pipe	Through HDD method

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 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.

A. K. S.

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 सिग्नेचर, 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/11016/228/RO/(Km.30+300 to Km.30+340,Birupa Bridge)/2024/PIU/BBSR/1309

13.08.2025

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: Access permission for laying of Electrical Power Cable between Chainage Km.30+300 to Km.30+340 with one crossing at Chainage Km. 30+320 of LHS on NH-16 near Birupa Bridge, District-Cuttack under NHAI, PIU-Bhubaneswar (Odisha)- Revised proposal for Grant NOC.-Reg

Ref: 1) M/s TPCODL, Bhubaneswar letter no.007 dated 17.10.2024.
2) This office letter No. 1396 dated 22.10.2024.
3) M/s TPCODL, Bhubaneswar letter no.034 dated 02.04.2025.
4) M/s CMEC Consultant letter no. 1614 dated 21.04.2025.
5) M/s TPCODL, Bhubaneswar letter no.039 dated 05.05.2025.
6) NHAI, PIU Bhubaneswar letter no. 738 dated 14.05.2025.
7) M/s CMEC Consultant letter no. 1898 dated 30.07.2025.
8) M/s SJEPL letter No. 1-192 dated 11.08.2025.

Sir,

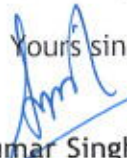
This is in reference to letter No. 039 dated 05.05.2025 received from M/s TPCODL, Bhubaneswar has submitted the proposal for laying / crossing of Electrical Power Cable between Chainage Km.30+300 to Km.30+340 with one crossing at Chainage Km. 30+320 of LHS near Birupa Bridge, District-Cuttack on NH-16.

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. 738 dated 14.05.2025 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.1898 dated 30.07.2025. Further, the Concessionaire vide their letter No.1-192 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. TPCODL had submitted detailed laying and crossing plan of 33 KV cable from Km 30+300 to Km.30+340 with one crossing at Chainage Km. 30+320 of LHS 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 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.
 4. 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.
 5. The applicant shall have to provide safety measures like barricading; danger lighting and other necessary caution boards while executing the work.
 6. The electric cable should be laid beyond the edge of ROW as mentioned in the line diagram no encroachment to NH ROW is permitted.
 7. 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.
 8. 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 TPCODL for permission to laying / crossing of Electrical Power Cable between Chainage Km.30+300 to Km.30+340 with one crossing at Chainage Km. 30+320 of LHS on NH-16 near Birupa Bridge, District-Cuttack 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 MoRTH.

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- Access permission for laying of Electrical Power Cable between Chainage Km.30+300 to Km.30+340 with one crossing at Chainage Km. 30+320 of LHS on NH-16 near Birupa Bridge, District-Cuttack, Odisha.-Reg.

The proposed site for laying of Electrical Power Cable between Chainage Km.30+300 to Km.30+340 with one crossing at Chainage Km. 30+320 of LHS on NH-16 near Birupa Bridge, District-Cuttack 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 TOCODL 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.



Jatai 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
PIU-Bhubaneswar

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

CHECK- LIST

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

No.	Item	Measurement, Observation as per site conditions	MORTH Norms	Whether complying with MORTH Norms
I	General Information	Laying of 11 KV Electrical Power Cable supply alongside of NH-16 between Chainage KM- 30+380 to KM- 30+430 at near Birupa Bridge.	Public Utility	YES
1.1	Name and Address of the Applicant	TP Central Odisha Distribution Limited Corporate Office- IDCO Towers, 2 nd Floor, Janpath, Bhubaneswar 751022 Odisha	Public Utility	YES
1.2	National Highway	NH-16		
1.3	State	ODISHA		
1.4	Location	11 KV Electrical Power Cable supply alongside of NH-16 between Chainage KM- 30+380 to KM- 30+430 at near Birupa Bridge.	Public Utility	YES
1.5	Chainage in (K.M)	30+380 to KM- 30+430	YES	YES
1.6	Lenth in Meter	197 MTR	YES	YES
1.7	Width of Available Row			
	a) Left side from centreline towards increasing chainage/km direction	30 M	Utility Corridor available	YES
	b) Right side from centre line towards increasing chainage/km direction		Utility Corridor available	
1.8	Side of NH			
	a) Left side of NH towards increasing chainage/km direction)	30M	ANY SIDE	YES
	b) Right side of NH towards increasing chainage/km direction	Along the utility corridor from km 30+380 to km- 30+430	ANY SIDE	
1.9	Name of Highway Authority of NHAI/PWD/BRO	National Highway Authority of India		YES
1.10	Highway Administration address	PIU-Bhubaneswar		YES

परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प. ०. ८, भुवनेश्वर/PIU, Bhubaneswar

Sourav Biswas
Project

2	Details of already laid utility service if an	Nil	NIL	
3	Whether upgradation of the stretch in near future is proposed or not	No		
	a) If yes, provision of utility adversely affect the plan of upgradation		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.	Birupa Bridge	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		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			YES
	a) If yes, whether undertaking for land acquisition along with relevant L.A details has been furnished.			YES
4.4.2	Width of concrete duct. If utility services are proposed to be laid in concrete ducts.		Not less than one lane	YES
5	Laying of utility services across the NH	YES	HDL 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	No	Perpendicular to NH	YES

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

U.D. Biswas
Sourav Biswas
Head Project
TPC/NI

5.3	Type of casing pipe/Conduit carrying the utility line.	HIGH DENSITY POLYETHYLENE	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
5.5	Length of top of the casing/conduit pipe crossing NH	60	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	1.2 MTR	At least 1.2m below the top of subgrade	YES
5.7	Crossing method to case of CC payment.		Only boring method HDL)	YES
5.8	Horizontal and vertical clearance in case utilities are allowed overhead.		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	YES	Enclosed if applicable.	
	a) Trench width	300MM	More than 30cm and less than 60cm wider than the outer diameter of the utility	
	b) Filling of trench	1.25MTR	as per Ministry guidelines vide letter No.RW/NH34044/2 9/2015/ (R) dated 22.11.2016	
	c) Location of trench	KM- 30+400	Extreme edge of the Row.	
6.2	Cross section showing the size of pit and location of conduit for HDD method.	2 x 1 x 1.5 (Length* Width *Depth), Location-AT Km 30+400	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.	HDL)	Enclosed	YES
8	Draft License Agreement is as per Ministry guidelines vide letter No. RW/NH34044/29/2015/S&R (R) dated 22.11.2016 and signed by two witnesses.	YES	Enclosed	YES
9	License fees in favour of MoRTH RPAO	ON DEMAND	As per Ministry vide circular no. RE/NH-33044/29/2015/ (R) dated 22.11.2016.	YES
10	Whether Bank Guarantee has been obtained	ON DEMAND	As per Ministry vide circular no. RE/NH33044/29/2015/ (R) dated 22.11.2016.	YES
	a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NH/NHAI guidelines.			
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

परिचालना निदेश
 Project Director
 National Highways Authority of India

Sourav Biswas
 Head Project
 TPCODL

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, before applying to Highway Administration.	YES	Enclosed	YES

The Right of the way (ROW) of the National Highway Available at the proposed location from the center line of divided carriageway is (30) m (from center of ROW to edge of ROW towards proposed utility)

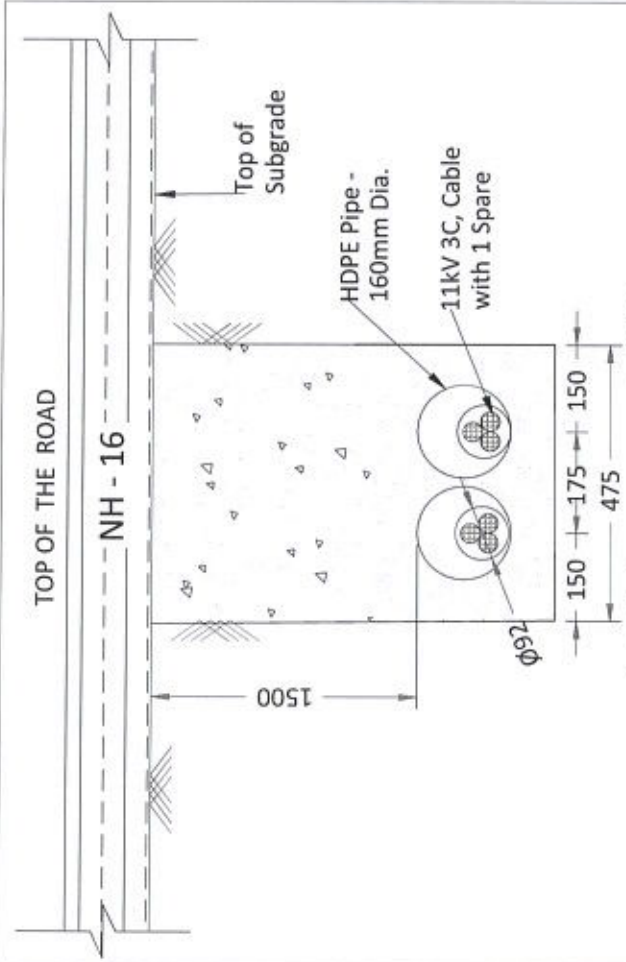
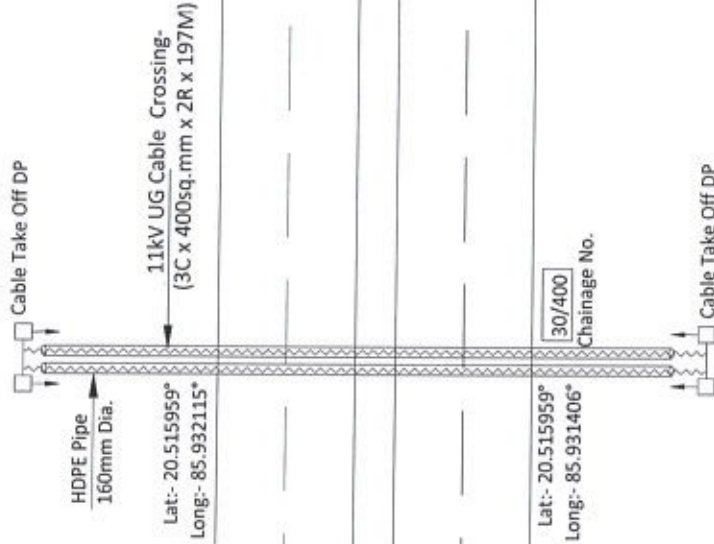
The Above particulars along with the drawings and documents have been Verified and certified as correct aa per prevailing site Conditions.

Regional Officer
NHAI-Bhubaneswar
Bhubaneswar(Odisha)

Project Director
PIU-Bhubaneswar
NHAI-Bhubaneswar

पब्लिक वर्क प्रोजेक्ट डायरेक्टर
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highway Authority of India
प.व.म.उ. भुवनेश्वर PIU, Bhubaneswar

Y.P. Sourav Biswas
Head Project
TPCODL
Authorised Signatory
TPCODL
Bhubaneswar(Odisha)



TOP OF THE ROAD

NH - 16

1500

Top of Subgrade

HDPE Pipe - 160mm Dia.

11KV 3C, Cable with 1 Spare

φ92

150 175 150 475

Typical laying arrangement of 11kv cable with HDPE Pipe in HDD method

BIRUPA RIVER

N.H - 16

N.H - 16

Manguli

Jagatpur



Sourav Biswas
Head Project
TPCODL

Approved By
Director
TPCODL
Sourav Biswas
Head Project
TPCODL

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
16	16/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
17	17/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
18	18/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
19	19/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
20	20/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
21	21/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
22	22/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
23	23/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
24	24/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
25	25/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
26	26/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
27	27/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
28	28/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
29	29/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
30	30/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
31	31/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
32	32/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
33	33/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
34	34/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
35	35/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
36	36/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
37	37/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
38	38/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
39	39/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
40	40/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
41	41/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
42	42/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
43	43/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
44	44/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
45	45/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
46	46/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
47	47/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
48	48/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
49	49/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
50	50/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
51	51/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
52	52/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
53	53/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
54	54/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
55	55/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
56	56/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
57	57/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
58	58/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
59	59/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
60	60/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
61	61/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
62	62/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
63	63/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
64	64/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
65	65/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
66	66/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
67	67/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
68	68/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
69	69/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
70	70/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
71	71/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
72	72/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
73	73/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
74	74/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
75	75/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
76	76/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
77	77/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
78	78/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
79	79/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
80	80/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
81	81/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
82	82/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
83	83/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
84	84/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
85	85/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
86	86/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
87	87/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
88	88/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
89	89/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
90	90/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
91	91/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
92	92/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
93	93/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
94	94/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
95	95/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
96	96/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
97	97/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
98	98/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
99	99/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS
100	100/03/2023	11KV UG Cable Crossing- (3C x 400sq.mm x 2R x 197M)	SBS	AMS	AMS

BAJEL PROJECTS LIMITED

TATA POWER CENTRAL ODISHA DISTRIBUTION LTD.

PROJECT: SITC OF 11KV PRIMARY SUBSTATIONS & ASSOCIATED 11KV & 11KV LINES ODISHA STATE

REF PO NO: RC-4600001166 DATE:05.03.2023 (PKG.A) & RC-4600001177 DATE:05.03.2023 (PKG.B)

TITLE: N.H Crossing details of 11KV Kesharpur Fdr from 33/11KV Manguli PSS

SCALE: DRAWING NO.

PD-1177-TPCODL-COM_Line_11KV_NH Crossing_Kesharpur Fdr

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