

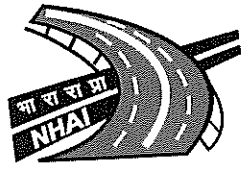


सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
(Ministry of Road Transport & Highways, Government of India)



परियोजना कार्यान्वयन इकाई, अजमेर

बी-136-सी, बी-ब्लॉक, पंचशील नगर, अजमेर-305004 (राज.)

Project Implementation Unit, Ajmer

B-136-C, B-Block, Panchsheel Nagar, Ajmer-305004 (Raj.)

Ph. No.: 0145-3559245/ 2680571, E-mail / ई-मेल : ajmer@nhai.org, Web./ वेब : www.nhai.gov.in

No. NHAI/Ajm/NH148D/BPG/Access-Utility-Beawar-Mandsaur/19387

Date: 30.06.2024

सार्वजनिक टिप्पणियों का आमंत्रण / Invitation of Public Comments

विषय: Regarding the issue of NOC of National Highway Crossing for the Construction of 765 KV D/C Beawar-Mandsaur PS Transmission Line constructed under "Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part-2: 5.5GW) (Jaisalmer/Barmer Complex) Part-D" (Application No. 20250409/1/4/37724/16067) - reg.

संदर्भ: M/s Powergrid Beawar Mandsaur Transmission Ltd., Beawar letter no. PGCIL/NR1/PBMTL/Beawar/19/109 dated 06.05.2025.

महोदय,

सर्व संबंधितों को सूचित किया जाता है कि मैसर्स पावरग्रिड ब्यावर मंदसौर ट्रांसमिशन लिमिटेड, ब्यावर द्वारा उपरोक्त संदर्भित पत्र दिनांक 06.05.2025 के माध्यम से विषयगत कार्य के लिए एक प्रस्ताव, सक्षम प्राधिकारी, राजमार्ग प्रशासन के अनुमोदन हेतु इस कार्यालय को प्रस्तुत किया है। It is to inform all concern that M/s Powergrid Beawar Mandsaur Transmission Ltd., Beawar vide above cited letter dated 06.05.2025 has submitted a proposal to this office for subject work for approval of Competent Authority, Highway Administration.

2. यह प्रस्ताव राजस्थान राज्य के ग्राम-गागेड़ा, जिला-भीलवाड़ा में एनएच-148 भीम-गुलाबपुरा खंड के किमी 63 से 64 के मध्य ओवरहेड विद्युत लाईन/हाई टेंशन 765 केवी डी/सी ब्यावर मंदसौर ट्रांसमिशन लाईन क्रॉसिंग की अनुमति प्रदान करने के लिए है। The Proposal is for grant of Permission for Overhead Electrical Line/Overhead High Tension 765kV D/C Beawar to Mandsaur Transmission Line at NH-148D between Milestone Km 63 to 64 near Village-Gageda, District-Bhilwara in Village-Srinagar, Tehsil-Nasirabad, District-Ajmer in the State of Rajasthan.

3. मंत्रालय के दिनांक 22.11.2016 के परिपत्र संख्या आरडब्ल्यू/एनएच-33044/29/2015 एसएंडआर (आर) के पैरा-4 के अनुसार, दावे और आपत्तियाँ (सार्वजनिक असुविधा, सुरक्षा और सामान्य सार्वजनिक हित के आधार पर) मांगने के लिए आवेदन को 30 दिनों के लिए सार्वजनिक डोमेन में रखा जाएगा। As per para-4 of Ministry's Circular No. RW/NH-33044/29/2015 S&R (R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on ground of public inconvenience, safety and general public interest).

4. उपरोक्त के मद्देनजर, सक्षम प्राधिकारी के अनुमोदन से पहले, मंत्रालय के दिनांक 22.11.2016 के परिपत्र के संदर्भ में प्रभावित जनता की टिप्पणियाँ/आपत्तियाँ आमंत्रित की जाती हैं, क्योंकि इस खंड पर क्रॉसिंग बिछाने और पार करने के कारण आपत्तियाँ/टिप्पणियाँ निर्धारित तिथि 29.07.2025 तक नीचे दिए गए पते पर भेजी जा सकती हैं, उक्त निर्धारित तिथि पश्चात् कोई भी टिप्पणी/आपत्तियाँ स्वीकार नहीं की जाएँगी। In view of the above, before approval of the Competent Authority, the comments/objections of affected public is hereby invited with reference to the Ministry's circular dated 22.11.2016 due to laying and crossing of utility on the subjected stretch. The objections/comments may be addressed to the below mentioned address upto 29.07.2025, beyond due date, no comments/objections will be accepted.

परियोजना निदेशक, प.का.ई.-अजमेर

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

बी-136-सी, बी-ब्लॉक, पंचशील नगर, अजमेर-305004

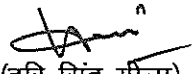
टेलीफोन: 0145-2680571, ई-मेल: ajmer@nhai.org

Project Director, PIU-Ajmer

National Highways Authority of India,

B-136-C, B-Block, Panchsheel Nagar, Ajmer-305004

Tel.: 0145-2680571, E-mail: ajmer@nhai.org


(हरि सिंह गोला)
परियोजना निदेशक

प्रतिलिपि:

- वेब प्रशासन, भाराराप्रा, मुख्यालय, नई दिल्ली – भाराराप्रा की वेबसाइट पर अपलोड करने हेतु [web-admin@nhai.org]
- निदेशक, एनआईसी, नई दिल्ली – मंत्रालय की वेबसाइट पर अपलोड करने हेतु [mansoor@nic.in]
- क्षेत्रीय अधिकारी, भाराराप्रा, क्षेत्रीय कार्यालय, जयपुर – को सूचनार्थ प्रेषित।
- अधिकृत प्रतिनिधि, M/s Powergrid Beawar Mandsaur Transmission Ltd., Beawar – को सूचनार्थ प्रेषित।



पावरग्रिड
POWERGRID

पावरग्रिड ब्यावर मंदसौर ट्रांसमिशन लिमिटेड

(पावरग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड, भारत सरकार का उद्यम, की 100% पूर्ण स्वामित्व वाली एक सहायक कंपनी)

POWERGRID BEAWAR MANDSAUR TRANSMISSION LIMITED

(A fully owned subsidiary of Power Grid Corporation of India Limited, Govt. of India Enterprise)

Ref No: PGCIL/NR1/PBMTL/Beawar/19/109

Date- 06.05.2025

To,

The Project Director,
National Highway Authority of India,
Ajmer, Rajasthan

Application Id: 20250409/1/4/37724/16067

Subject -: Regarding the Issue of NOC of National Highway Crossing for the Construction of 765 KV D/C Beawar- Mandsaur PS Transmission Line constructed under "Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part-2: 5.5GW) (Jaisalmer/ Barmer Complex) Part-D".

Sir,

POWERGRID Corporation of India limited, A Government of India Enterprise under Ministry of Power having Maharatna status through its 100% owned subsidiary POWERGRID BEAWAR MANDSAUR TRANSMISSION LIMITED is going to establish 765 KV D/C BeawarMandsur PS Transmission Line in the state of Rajasthan and Madhya Pradesh under Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part-2: 5.5GW) (Jaisalmer/ Barmer Complex) Part-D.

The construction work has been taken up by POWERGRID BEAWAR MANDSAUR TRANSMISSION LIMITED accordingly. The survey was carried out to start the foundation work. During the survey work, it was noticed that the proposed line 765 KV Beawar-Mandsaur PS Transmission Line is crossing the existing National Highway 148D as detailed below: -

Sl. No.	Crossing Section	Crossing Span (Mtr.)	Crossing Angle	Easting	Northing	Type Of Tower	Name & Loc. No. of Existing Line	Owner	Vertical Clearance (Mtr.)
1	AP-58/O	249	82°59'07"	25-811206 456938.4	14-561173 2862049.32	DC2+0	NH-148D (KM-63 & KM-64)	NHAI	23.80
	AP-59/O			457101.32	2861868.75	DD45+0			

The profile and other required documents of the above-mentioned crossing portion of the line are enclosed for kind perusal. We request that you kindly issue the required NOC so we may start the work in this stretch.

ऑफिस: 403, ब्लॉक ए, ओके प्लस स्नेहम अपार्टमेंट, दादी धाम मंदिर के पास, अजमेर रोड, ब्यावर (राज.)-305901
Office: 403, Block A, Okay Plus Sneham Apartment, Near Dadi Dham Mandir, Ajmer Road, Beawar (Raj.)-305901
केन्द्रीय कार्यालय: "सोदामिनी", प्लॉट नं.-2, गुरुग्राम-122001, (हरियाणा), दूरभाष: 0124-2571700-719
Corporate Office: "Saudamini", Plot No.-2, Sector -29, Gurugram-122001, (Haryana), Tel.: 0124-2571700-719
पंजीकृत कार्यालय: बी-9, कुतुब संस्थागत क्षेत्र, कटवारिया सराय, नई दिल्ली-110016, दूरभाष: 26560121, सीआईएन: L40101DL1989GOI038121
Registered Office: B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi-110016, Tel: 26560121, CIN: L40101DL1989GOI038121
Website: www.powergrid.in



पावरग्रिड ब्यावर मंदसौर ट्रांसमिशन लिमिटेड

(पावरग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड, भारत सरकार का उद्यम, की 100% पूर्ण स्वामित्व वाली एक सहायक कंपनी)

POWERGRID BEAWAR MANDSAUR TRANSMISSION LIMITED

(A fully owned subsidiary of Power Grid Corporation of India Limited, Govt. of India Enterprise)

It is requested that the NOC may please be issued at the earliest.

Thanking You

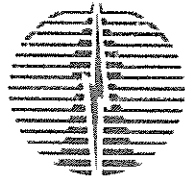
Yours sincerely,

(Jitu Gohain)

DGM, PowerGrid Beawar

Contact No. 7002970863

Copy to: i) Senior GM, Rishabdeo Project

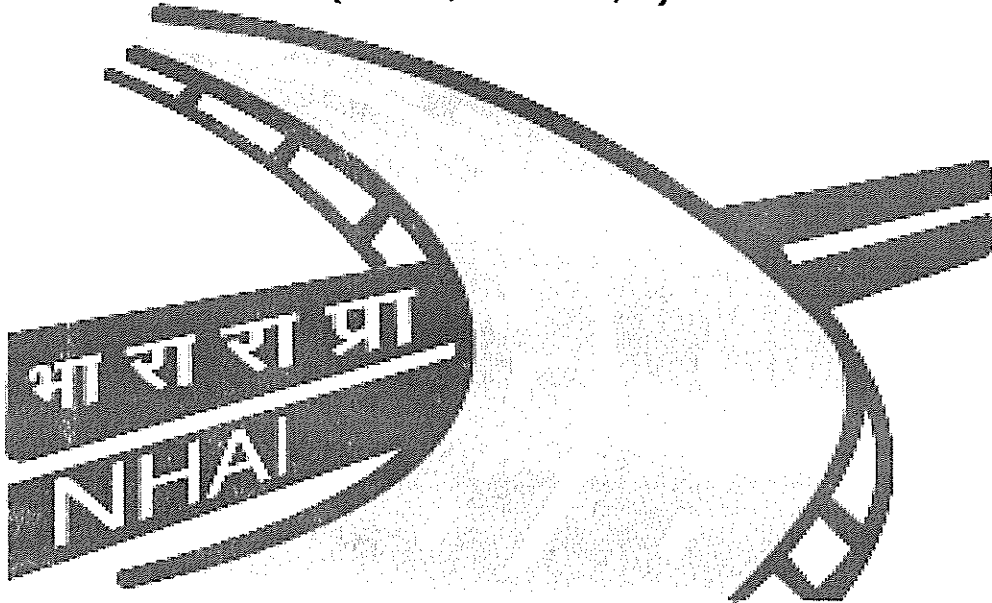


**पावरग्रिड
POWERGRID**

**NATIONAL HIGHWAY PROPOSAL
FOR
OVERHEAD CROSSING
OF
NH-148D BHIM - SHAHPURA**

BY UNDERCONSTRUCTION

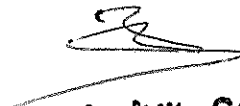
**765kV D/C BEAWAR MANDSAUR T/L (PGBMTL)
(AP58/0-AP59/0)**



BEAWAR-MANDSAUR TRANSMISSION SYSTEM LIMITED.

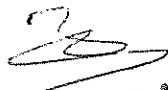
Application Details [20250409/1/4/37724/16067]

Highway	NH148D [NH148D]
Name of Highway Authority	NHAI Dwarka New delhi
Highway Administration Address	Ajmer Ajmer
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	POWER GIRD BEAWAR-MANDSAUR TRANSMISSION LIMITED Address: OKAY PLUS SNEHAM APARTMENT, FLAT NO.-403, BLOCK A, NEAR DADI DHAM MANDIR, AJMER ROAD, BEAWAR, Beawar (RAJASTHAN), PIN: 305901 Phn: 7002970863 Email: jitugohain@powergrid.in
Application Category	Public Utility
Utility	Towers
State	RAJASTHAN
Type	New
Remarks	Over Head 765kV D/C Beawar- Mandsaur Transmission Line
Submitted On	05 May 2025 13:23:18



जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

Details

1. Length in Meters *	240-145
2. Width of available ROW	
I. Left side from center line towards increasing chainage OR km direction *	33.5-22.5
II. Right side from center line towards increasing chainage OR km direction *	33.5-22.5
3. Proposal to lay the utility	
I. Left side from center line towards increasing chainage OR km direction *	GENTRE LINE TO KM-63 is 997 Mtr. Overhead Crossing
II. Right side from center line towards increasing chainage OR km direction *	GENTRE LINE TO KM 64 is 3 Mtr. Overhead Crossing
4. Proposal to acquire the land	
I. Left side from center line *	0
II. Right side from center line *	0
5. Whether proposal is in the same side where land is not to be acquired *	Yes
If not then where to lay the cable *	NA
6. Details of already laid services if any along the proposed route *	NA
7. Number of Existing lanes *	2 Lane
8. Proposed number of lanes *	2 Lane


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ज्यावर-मदसौर टी एल सी, राजस्थान
Jaundpur TLC, Rajasthan

9. Service road Exists *	No
10. Proposed Service road	
Left side from center line	0
Right side from center line	0
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *	N/A
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *	N/A
13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *	YES OVERHEAD CROSSING
I. Whether the existing drainage structures are allowed to carry utility pipeline. *	NA
II. Is it on a line normal to NH? *	Yes
III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *	0.00 403


जीतू गोहाई/Jitu Gohali
 उप महाप्रबन्धक/Deputy General Manager
 ब्यावर-मंदसौर टी एल सी, राजस्थान
 Bawar-Mandsaur TLC, Rajasthan

IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. *

OVERHEAD CROSSING AL 59 ZEBRA

V. Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path *

N/A

VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *

N/A

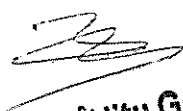
VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *

OVERHEAD CROSSING

VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete or dense bituminous concrete type. *

N/A OVERHEAD CROSSING
Enclosed

14. Whether the proposal satisfies the following:


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *

NA


II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *

N/A

III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. *

~~104 mtr AWAY FROM NH CENTRE~~

N/A


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. *

N/A

V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. *

N/A

15. Document/Drawings enclosed with the proposal *

Yes

I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *

~~YES~~ N/A

II. Cross section showing the size of pit and location of cable for HDD method *


N/A

III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *

N/A

IV. Methodology of laying of the Utility Pipeline/OFC *

N/A OVERHEAD CROSSING


Jai Prakash Singh
Deputy General Manager
Bharat-India Cable & Wire
Jalandhar, Punjab

V. Open trenching method

(may be allowed in utility

corridor only where

pavement is neither cement

concrete nor dense

bituminous concrete type) If

yes what is the Methodology

of refilling of trench *

N/A

(a) The trench width should

be at least 30 cms but not

more than 60 cms wider than

the outer diameter of the pipe

*

N/A

(b) For filling of the trench,

bedding shall be to a depth of

not less than 30 cms. It shall

consist of granular material,

free of lumps, clods, cobbles

and graded to yield firm

surface without sudden

change in the bearing value,

unsuitable soil and rock

edges should be excavated

and replaced by selected

material *

N/A

(c) The backfill shall be

completed in two stages, i)

Side fill to the level of the top

of the pipe and ii) Overfill to

the bottom of the road crust *

N/A

जीतू गोहाई/Jitu Gohain

उप महाप्रबन्धक/Deputy General Manager

ब्यावर-मंदसौर टी एल सी, राजस्थान

Beawar-Mandsaur TLC, Rajasthan

(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *

N/A

(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *

N/A

(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *

OK

(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *

YES

VI. Horizontal Directional Drilling (HDD) Method *


N/A

VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *

N/A

16. Draft license Agreement signed by two witnesses. *

YES


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsoor T.L.C, Rajasthan

I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *

NO

17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *

Yes

I. Confirmation of BG has been obtained as per MoRTH guidelines *

Yes

18. Affidavit/Undertaking from the Applicant for following is to be furnished

a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *

Yes

b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *

Yes

c) Undertaking Confirming all standard condition of Ministry's guidelines. *

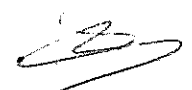
Yes

d) Undertaking for indemnity against all damages and claims *

Yes

e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *

Yes


जीतू गोहाई/Jitu Gohain
उप महासंचालक/Deputy General Manager
राज्य न्यायिक सेवा/State Judicial Service
कोलकाता/Calcutta

f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *

Yes

g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *

Yes

h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *

Yes

i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no.

Yes


RW/NH/33044/29/2015/S&R dated 22.11.2016 *

j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *

Yes

k) Certificate from the applicant in the following format

l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not.

JITU GOHAIN

20. The Power of Attorney is in favour of authorized signatory? *

~~No~~ Yes

Locations

Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	RAJASTHAN	BHILWARA	NH148D [NH148D] (0.00-69.26) From Km: 63 To Km: 64	Chainage Point: 63.964 Lat: 2861960.78 Lng: 457053.02	Chainage Point: 64 Lat: 2861940.80 Lng: 457027.64	View



जीतू गोहई/Jitu Gohain
उप महाबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

Documents

Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	--
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	--
4	Under Submission	Safety Clearance from Directorate of Electricity	No	--
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	--
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	--
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	--
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	--
9	Under Submission	Any Other Statutory Clearance as applicable	No	--

Applicable Fee Details

Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	0	




जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

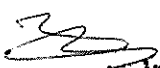
CHECK-LIST			
Guidelines for Project Directors for processing the proposal for Crossing of 765 KV D/C Beawar - Mandsaur Transmission line(TL 01) in the land Parallel / Crossing National Highways vested with NHAI.			
Relevant Circulates of Ministry of Road Transport and Highways			
1. Circular no. RW/ NH-333044/27/2005/S&R * Dated 22.11.2016 it is regarding the accommodation of Public and Industrial Utility services along and across National Highways Policy Guidelines			
Sr.No.	Item	Information/ Status	Remarks
1.0	General Information	Crossing of 765 KV D/C Beawar - Mandsaur Transmission line(TL 01)	
1.1	Name and Address of the Applicant Agency	PowerGrid Beawar Mandsaur Transmission Ltd. OKAY PLUS Sneham Apartment, Flat No- 403, Block A, Near Dadi Dham Mandir, Ajmer Road, Beawar.	
1.2	National Highway Number	NH-148D	
1.3	State	Rajasthan	
1.4	Location	Gageda Village, Bhilwara (RJ)	
1.5	(Chainage in KM)	Km.63.864 63.997	
1.6	Length in Meters	249-mtrs 45	
1.7	Width of available of ROW		
	(a) Left side from center line towards increasing chainage/km direction	33.5-meter 22.5	
	(b) Right side from center line towards decreasing chainage/KM direction	33.5-meter 22.5	
1.8	Proposal to lay overhead 765 KV D/C Transmission line		
	(a) Left side from center line towards increasing chainage/km direction	Overhead crossing at Km.63 of proposed line is 99.7-meter from centre line.	
	(b) Right side from center line towards increasing chainage/km direction	Overhead crossing at Km.64 of proposed line is 3-meter from centre line.	
1.9	Proposal to acquire land	No	
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.1	Whether proposal is in the same side where land is not to be acquired if not then where to lay the cable	NA	
1.1	Details of already laid services, if any, along the proposed route	NA	
1.1	Number is lanes (2/4/6/8 lanes) existing	2 Lanes	
1.1	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.1	Service road existing or not	No	
	If yes then which side	-	
	(a) Left side from center line	-	
	(b) Right side form center line	-	

Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd

जीतू गोहाई/Jitu Gohain
उप महाब्रवन्धक/Deputy General Manager
व्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan


1.2	Proposed Service road	No	
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.2	Whether proposal to overhead 765 KV D/C Transmission line is after the service road or between the service road and main carriageway	Across, within ROW of NHAI	
1.2	The permission for laying Overhead Power Transmission line shall be considered for approval/rejection based in the ministry circulars mentioned as above	Yes	
1.2	If crossing of the road involved	YES	
	• If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	Yes, Overhead Electrical line by arranging towers.	
	(a) Existing drainage structures shall not be allowed to carry the lines.	NA	
	(b) Is it on the line normal to NH	Yes	
	(C) Crossings 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.	YES	
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforced cement concrete and have	NA	
	(e) Ends of the casing /conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	NA	
	(f) The casing/conduit pipe should as minimum extended from drain to drain in cuts and toe of slope toe of slopes in the fills.	NA	
	(g) The top of the casting/ conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3meter below the drain inverts.	NA	
	(h) Crossing shall be by boring method HDD, specially where the existing road pavement is of cement concrete or dense bituminous concrete type	NA as crossing is overhead. Methodology is enclosed.	
	(i) The casting/ conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation concrete type.	NA	
2.0	Document/Drawings enclosed with the proposal		


Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd

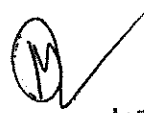

जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan


2.1	<p>Cross section showing the size of the trench for open trenching method (is it normal size of 1.2m deep x 0.3m wide) (i) Should not be greater than wider than outer diameter of the pipe. (ii) Located as closed to the extreme edge of the right of way as possible but not less than 15m from the Centre lines of the nearest barrage way. (iii) Shall not be permitted to along the national highways when the road is situated cutting. Not shall these be laid over the existing culverts and bridges. (iv) These should be so laid that their top is at least meter below the ground level so as not to obstruct drainage of the road land.</p>	NA, as the crossing is overhead and across NH	
2.2	Cross section showing the size of the pit and location of cable for HDD method.	NA, as the crossing is overhead	
2.3	Strip plan/Route Plan showing the overhead 765 KV D/C Transmission line, Chain age, width of ROW, distance of proposed structure (tower, poles), important mile stone, intersections, cross drainage work etc.	YES	
2.4	Methodology for crossing of overhead 765 KV D/C Transmission line	Methodology attached	
2.4.1	Open Trenching Method (May be allowed in utility corridor only where pavements is neither cement concrete nor dense bituminous concrete type). If Yes, Methodology of	NA	
	(a) The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 10 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	NA	
	(c) The Backfill shall be completed in two stages (i) side to fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust	NA	
	(d) 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 had been removed. Consolidation by saturation or ponding will not be permitted.	NA	
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the foundation of a dip at the trench.	NA	
	(f) The excavation shall be protected by the flagman, signs and barricades, and red lights during night hours.	NA	


Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्याचर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

	g) If required, a Diversion shall be constructed at the expense of agency owing the utility line.	NA	
2.4.2	Horizontal Direction Drilling (HDD) method.	NA	
2.4.3	Laying of Overhead electrical line through CD works and method of laying.	NA	
3.0	Draft License Agreement signed by two witnesses	Yes	
4.0	performance Bank Guarantee in favor of NHAI has to be obtained at the Rs 50/- per running meter (parallel to NH) and Rs. 1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completions of work) as security for ensuring/making good the excavated trench for laying the cables/ ducts by proper filling and compaction, clearing debris/ loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. payable by the NHAI to license for clearing debris/loose earth.	Will be submitted after according approval	
4.1	performance bank Guarantee as per above is to be obtained.	Will be submitted as per demand of NHAI.	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Yes	
5.	Affidavit//Undertaking form the Applicant	Yes, Enclosed.	
5.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, Enclosed.	
5.2	Renewal of Bank Guarantee	Yes, Enclosed.	
5.3	Conforming all standard condition of NHAI guidelines	Yes, Enclosed.	
5.4	Shifting of Overhead Power Transmission as and when required by NHAI at their own cost	Yes, Enclosed.	
5.5	Shifting due to 6 laning/widening of NH.	Yes, Enclosed.	
5.6	Indemnity against all damages and claims clause (XXIV)	Yes, Enclosed.	
5.7	Traffic movement during laying of Overhead Power Transmission line to be managed by the applicant	Yes, Enclosed.	

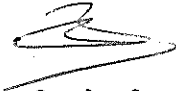

Team Leader
Theme Engineering Service with
Shikha Info Solutions Pvt. Ltd.


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
राजस्थान राजमार्ग विकास प्राधिकरण, राजस्थान
Bowling Ground Road, Udaipur, Rajasthan

5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant	Yes, Enclosed.	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the overhead power transmission located in the National Highway Right-of-ways.	Yes, Enclosed.	
5.1	Expenditure, if any, incurred by NHA for repairing any damage caused to the national highway by the laying, maintenance or shifting of the Overhead Power Transmission line will be borne by the agency owing the line	Yes, Enclosed.	
5.1	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 cost of agency owing the utility line within a reasonable time (not exceeding 60 days) of the information given.	Yes, Enclosed.	
5.1	Certificate from the applicant in following format:- (1) Laying of Overhead Power Transmission line will not have any deleterious effects on any of the bridge components and road way safety for traffic. (2) For 6 laning "we do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future four/six laning of any other development."	Yes, Enclosed.	
6.0	Who will sign the agreement on behalf of Overhead Power Transmission Line agency.	DGM, POWERGRID BEAWAR MANDSAUR TRANSMISSION LTD	
7.0	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide ministry Circular no. NH-III/P/66/76, Dt 19.11.1976, Ministry Circular No. NH-III/P/20/77 Dt 8-04-1982, Ministry Circular no. RW/NH-11037/1/86/DOI, dated 19-01-1995	Yes, Enclosed.	
7.2	7.2 Certificate from PD in the following format		
	(i) "It certified that any other location of the Overhead Transmission line would be extremely difficult and unreasonable costly and the installation of Overhead Power Transmission 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 carriage way, easing curve etc."	Yes, Enclosed.	

Team Leader
Theme Engineering Service with
Ishita Info Solutions Pvt. Ltd

जीतू गोहाई/Jitu Gohain
 उप महाप्रबन्धक/Deputy General Manager
 ब्यावार-मंदसौर टी एल सी, राजस्थान
 Beawar-Mandsaur TLC, Rajasthan

	<p>(ii) For 6 laning</p> <p>(a) Where feasibility is available I do certify that there will be no hindrance to proposed six laning based on the feasibility report considering proposed structures at the said location.</p> <p>(b) In case feasibility report is not available" I do certify that sufficient ROW is available at site for accommodating proposed six laning".</p>	NA	
8.0	<p>If NH section proposed to be taken up by NHAI on BOT basis a clause in para 17 to be inserted in the agreement. The permitted Highway on x'diet i Li eiseu 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 upgradation of (Kolkata to Chennai section from km 799.998 to km1022.494 of NH No 16 on build, Operate and Transfer Basis) and therefore, the licensee shall honor the same."</p>	Yes, Inserted.	
9.0	Who will supervise the work of laying Overhead Power Transmission Line.	POWERGRID BEAWAR MANDSAUR TRANSMISSION LTD	
10.0	Who will ensure that the defects in road portion after laying of Overhead Power Transmission Line are corrected and if not corrected then what action will be taken.	POWERGRID-BEAWAR-MANDSAUR-TRANSMISSION-LTD <i>NHAI</i>	
11.0	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	POWERGRID BEAWAR MANDSAUR TRANSMISSION LTD	
12.0	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa (copy enclosed) .	Yes, Enclosed	
13.0	If any previous approval is accorded of Overhead Power Transmission Line then photocopy of register of record of records of permissions accorded as maintained by PD may be enclosed.	Yes, Enclosed	
	Date:-	M/s PowerGrid Beawar Mandsaar Transmission Ltd.	
	Place:-Beawar	 जीतू गोहाई/Jitu Gohain	

उप महाप्रबन्धक/Deputy General Manager
 राजस्थान टेलीफोन एल सी, राजस्थान
 Beawar-Mandsaur TLC, Rajasthan


Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd

Check List

For NH-148D Crossing by 765kV D/C Beawar - Mandsaur Transmission Line

Sl.No.	Description	As per site
1	National Highway No.	148D
2	Crossing Name	NH - 148D (BHIM - SHAHPURA)
3	Crossing Chainage	Mile Stone : 63 & 64 KM.
4	System of supply(i.e.Voltage) , no.of Phases,Whether neutral is earthed or not	765kV D/C T/Line, Six Phase & One Earth Wire & One OPGW
5	Position of Tower	Between AP- 58/0 DC2+0 and AP-59/0 DD45+0
6	Normal Span at AL-59 Zebra Conductor	400m
7	Maximum sag at normal span	13.80m
8	Crossing span	249.00m
9	Preceding span with Loc.No. 4/4	387.00m
10	Succeeding span with Loc.No.6/1	411.00m
11	Height of structure above ground and below ground separately and detail of foundation	AP-58/0 DC2+0 : 70.33m AP-59/0 DD45+0 : 70.33m
12	Sag of AL59 Zebra	5.90m
13	Clearance over road	23.80m
14	Height of lower conductor from ground level at Loc.	AP-58/0 DC2+0 : 31.83m AP-59/0 DD45+0 : 31.83m
15	Angle of road crossing	82° 59' 07" Degree
16	Perpendicular distance from center of tower to center of road	AP-58/0 DC2+0 : 145.00m AP-59/0 DD45+0 : 104.00m
17	Perpendicular distance from center of tower to road edge	AP-58/0 DC2+0 : 139.00m AP-59/0 DD45+0 : 97.00m
18	Protection of assembly of line	Danger board
19	Size of power conductor	Area : 4.54(Sq.Cm) Dia : 2.772 Cm,Weight : 1.252 kg/m (AL59 Zebra)
20	Size of earth wire	Earth Wire 7/3.66mm galvanised steel wire Dia : 1.098 Cm, Weight : 0.583kg/m
21	Size of OPGW	OPGW Dia : 1.22 Cm, Weight : 0.451 kg/m
22	Earthing	One Leg to be earthed pipe type
23	Single line diagram	Enclosed

FOR POWERGRID CORPORATION OF INDIA LIMITED

FOR NATIONAL HIGHWAY AUTHORITY OF INDIA

जीतू गोहाई/Jitu Gohain
उप महाबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एन सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd

QUESTIONNAIRE

Project Director for processing the Proposal of lane over head electrical line crossing national highways vested with NHAI

Circular / Codes:-

Ministry Circular No NH III/p/2077 dated 08.04.1982

Indian Electricity Act 1910 Indian Electricity Rules 1956 IRC: 32-1969

IS:5613-1976 Part I to IV

For getting approval for layering of overhead electrical line along the National Highways NH 148D, vested with NHAI


Sl no	General Information	Information states	Remark
1	Name and address of the applicant	765KV DC Beawar - Mandisar Transmission Line POWER GRID BEAWAR - MANDISAR TRANSMISSION LIMITED	
1.1	National Highway No	NH 148D	
1.2	State	RAJASTHAN	
1.3	Location	GAJERA	
1.4	Type of electric including carrying voltage details and purpose	765 KV DC HENA	
1.5	Chainage in kilometers	61.498 KM	
1.6	Length in Metro	45m	
1.7	Width of available ROW	45m	
1.8	(a) Left side from Center line towards increasing chainage / KM Direction	22.5m	
1.9	(b) Right side from Center line towards increasing chainage / KM Direction	22.5m	
1.10	Proposal to lay Overhead		
1.11	(a) Left side from Center line towards increasing chainage / KM Direction	On NH 58.0 is at a distance of 145 M from Road - (b) AP 58.0 is at a distance of 101 M from Road - (c) N.A.	
1.12	(d) Right side from Center line towards increasing chainage / KM Direction		
1.13	(e) Direction of Electrical line along the NH 148D		
1.14	Proposal to acquire land	N/A	
1.15	(a) Left side from Center line	N/A	
1.16	(b) Right side from Center line	N/A	
1.17	Whether the proposal is	Yes, Crossing the National Highway Towers shall be constructed outside NHAI Land Boundary.	
1.18	a - in the same side where land is not to be acquired		
1.19	b - Crossing the National Highway		
1.20	If not then where to lay the overhead electrical line		
1.21	Details of already land services (overhead telecommunication line, overhead electric line etc) if any along the proposed route / proposed crossing	N/A	
1.22	NO of lanes (2/4/6/8 lanes) existing	4 Lanes	
1.23	Proposed number of lanes (2 lanes with paved shoulder 4/6/8 lanes)	N/A	
1.24	Service Road existing or not	No Service Road	
1.25	If yes then which side		
1.26	a) Left side from center line	N/A	
1.27	b) Right side from center line	N/A	
1.28	Proposed Service Road		
1.29	a) Left side from center line	N/A	
1.30	b) Right side from center line	N/A	
1.31	Whether proposal to lay overhead electric line is after the service road or between the service road and main carrying way or crossing for approval / rejection based on the Ministry circulars and relevant code mentioned as above	Overhead Electric Transmission Line, Cross the NH 148D	
1.32	If crossings of the line is involved	Yes	
1.33	(a) Crossing angle for NH and provide length along the Highway	90° 90° 90° 45m	
1.34	(b) Structure (Tower, pole and for HT Line only tension towers) for crossings shall not be less than the existing structures on the National Highway. The minimum distance being 15 meter	(d) Distance more than 150 mtr & 90 mtr from road boundary	
1.35	(c) Type of Structure proposed structure for National Highways	(e) HT tower - 20.33 mtr & 15 mtr (D) 7.6 mtr (D) 10.1 mtr	
1.36	(f) What is the distance of tower pole and tension tower from the existing / proposed structure for National Highways	Distance more than 150 mtr & 90 mtr from road boundary	
1.37	(g) The overhead lines and their supporting poles / towers should ultimately be placed at the extreme edge of the road/land boundary. In any case, these shall be at least 10 meter away from the edge of the shoulder of extreme traffic lane. Where the crossing road way is narrower than the minimum according to standard or where the widening is proposed for any reason the lateral clearance shall be provided with respect to ultimate road way. What is the horizontal clearance from the extreme edge of the road/land boundary?	N/A shall be constructed at a distance of 150 mtr (HT) & 90 mtr (DPS) towards increasing chainage, be close from road boundary	
1.38	(h) The overhead lines and their supporting poles / towers should ultimately be placed at the minimum distance of 5.0 m from the nearest line of avenue trees. What is the horizontal clearance from the nearest line of avenue trees?	N/A shall be constructed at a distance of 150 mtr (HT) & 90 mtr (DPS) towards increasing chainage, be close from road boundary	
1.39	(i) In mountainous / hilly terrain the overhead lines should be erected preferably on the valley side as far away as practicable. In hilly terrain, label of ground at a suitable distance below the outer conductor on either side from the central line is also to be noted and marked in profile so as to ensure required ground clearance underneath conductor and side clearances in every condition. Is the proposal in hilly area?	NO Terrain	
1.40	The horizontal clearances in respect of poles erected for the purpose of street lighting in Urban situations shall be as under:-	N/A	

Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd

जीतू गोहाई / Jitu Gohain
Deputy General Manager
जयपुर, राजस्थान
Jodhpur, Rajasthan


	i- For roads with Minimum 300mm from the Raised kerbs 500mm from the edge of nearest kerbs Preferably 600mm	N/A	
	ii- For roads with At least 1.5m from the edge of the carriage way, raised kerbs subject to minimum of 500mm from the central line of the carriage way	N/A	
	(g) the Poles of HT lines along crossing the road shall be located outside the NH land	N/A	
	(h) for crossing the line of same voltage or lower voltage suspension tension tower with suitable extensions shall be used	Yes Tension towers with suitable extension shall be used	
	The vertical clearance of the overhead lines crossing the road shall be reckoned from the top of the crown of the road taking into account the anticipated final top level due to future raising of road level, strengthening of pavement etc. The actual ground clearance of High Tension line for voltage above 650 volts varies depending upon the voltage transmitted and these are stipulated in Indian standard. Codes IS 5613:1976 part I to IV and Indian Electricity Rules 1956 as under	1.80 Mtr. Ground Clearance shall be taken jointly with NHAI after completion	
2	Affidavit: Under taking to be obtained from (to be furnished by the applicant)	Yes	
2.1	Not to damage to other utility. If damaged then to pay the losses either to NHAI or to the concerned agency	Yes	
2.2	Under Taking for Renewal of Bank Guarantee if required	Yes	
2.3	Confirming all standard conditions as laid down in ministry circular no. NHHP/2077 dated 08.04.1983 Indian Electricity Act 1910 Indian Electricity Rules 1956 32-1969 IS 5613:1976 part I to IV of (NHAI)	Yes IRC	
2.4	Shifting of overhead Electrical line at their own cost as and when required by (NHAI)	Done by PGIMTL electrical Department own cost	
2.5	Shifting of overhead Electrical line at their own cost as and when required due to Fencing construction of NH	Done by PGIMTL electrical Department own cost	
2.6	Indemnity against all damage and claims whatsoever kind that may be to NHAI or to any third party in the loss during installation operation and maintenance	Done by PGIMTL electrical Department own cost	
2.7	Traffic movement during laying of OEC Cable to be managed by the applicant	Done by PGIMTL electrical Department own cost	
2.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant	Done by PGIMTL electrical Department own cost	
2.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to the overhead electrical line located in the National Highway right of way	Yes	
2.10	Expending if any incurred by electric department for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the overhead electrical line located in the National Highway right of way	Yes	
2.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the electric department within the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Yes	
2.12	Certificate from the applicant in the following format: Laying of overhead electrical will not have any deleterious effects on any of the bridge components and roadway safety for traffic. For Fencing I/we do undertake that I will relocate service road, approach road, utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future fencing or any other development	Yes	
2.13	The transmission line installation shall be carried out by trained and experienced personnel and supervised by technically qualified persons competent to undertake such work	Yes	
2.14	The applicant ensures the safety of the Highway traffic against the Hazards of the high voltage lines during installation operation and maintenance	Yes	
2.15	Undertaking the compliance with Indian electricity rules and other authorities, regulations all overhead lines shall comply with the requirement of the Indian electricity act and rules made there under and the regulations or specification as laid down by NHAI	Yes	
	Other documents and drawing to be furnished by the applicant	Yes	
3.1	Methodology for laying of overhead electric line	Yes	
3.2	Draft license agreement	Yes	
3.3	Performance bond/guarantee in favor of NHAI has to be obtain at the Rs 100 per running meter (Parallel to NH) and Rs per crossing of NH for a period of one year initially (extendable if required till satisfactory completions of work) as a security for ensuring making good the area. Clearing debris loose earth etc produced in the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris loose earth		
3.4	Strip plan route plan showing overhead electrical line, clearance with of ROW, distance of proposed structure (tower pole and for HT line only tension towers) from the edge of ROW, Important intersection, force sections, cross drainage works any other structure existing of proposed etc	Yes	
4	Certificate from the Project Director		


Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd


जीतू गोहाई Jitu Gohain
 Deputy General Manager
 ब्यावर - मण्डसौर, राजस्थान
 Bawar-Mandsaur TLC, Rajasthan

4.1	Certificate for confirming that the proposal has been examined with respect to the structures and developmental work considered at this location and compliance of the standard conditions issued vide ministry circular no: NH III/P/2077 dated 08.04.1982 Indian Electricity Act 1910 Indian Electricity Rules 1956 IRE 32.1969 IS 8613:1976 part I to IV of NHAI and NHAI's guideline	Yes	
4.2	Certificate from PD in the following format - N/A (i) "It is certified that any other location of the electric line would be extremely difficult and unreasonable costly and the installation of electric line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriage way, easing of kerb etc." (ii) for 6-laning (a) Where feasibility is available "I do certify that there will no hindrance to proposed 6 lanes 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 (b) In case feasibility report is not available "I do certify that sufficient	N/A	
5	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 overhead electrical line has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of (Jaipur-Dausa section from Km 200 to Km 201 NH no 11, on build operate and transfer basis) and therefore the licensee shall honour the same."	To be Provided NHAI	
6	Who will supervise the work of laying of overhead electrical line	POWERGRID DGBMTE will supervise the work of laying of overhead electric line	
7	Who will the sign the agreement on behalf of overhead electrical line agency	DGBMTE BCB-Project 1, P.G.BMTE Ltd. Beawar, OKAY Plus Sucham Apartment, Beawar, Rajasthan 305001	
8	Who will ensure that the defect in road portion after laying of overhead electrical are corrected and if not corrected that what action will be taken	DGBMTE BCB-Project 1, P.G.BMTE Ltd. Beawar, OKAY Plus Sucham Apartment, Beawar, Rajasthan 305001 NHAI	
9	Who will pay the claims for damages done / disruption in working of concessionaire, if asked by the concessionaire.	DGBMTE BCB-Project 1, P.G.BMTE Ltd. Beawar, OKAY Plus Sucham Apartment, Beawar, Rajasthan 305001	
10	A certificate from PD that he will enter the proposed permission in register of record of the permission in the prescribed form (copy enclosed)	N/A	
11	If any previous approval for laying of overhead electrical line then photocopy of register of records of permission accorded as maintained by PD may be enclosed	N/A	

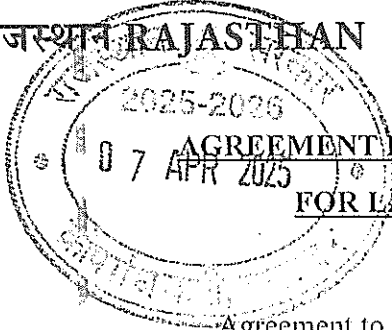

Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd


जीतू गोहाई / Jitu Gohain
उप महाप्रबन्धक / General Manager
ब्यावर-मदसुर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan



राजस्थान RAJASTHAN

AD 665595



AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSION
FOR LAYING UTILITY SERVICE ON NATIONAL HIGHWAYS

Agreement to lay Overhead Electrical Line/Overhead High Tension 765kV D/C
Beawar to Mandsaar T/L AT NH 148D, Between milestone KM 63 TO 64 Near
Village – Gageda, District-Bhilwara in state of Rajasthan

This agreement made on thisDay of(month)of year
betweenministry of Road Transport and Highways acting in his executive
capacity through Highway administration - cum – Regional Officer (hereinafter referred to
as the “Authority” which expression shall unless excluded by or repugnant to the context ,
include his successors in office and assigns) on the one part, and M/S POWERGRID
BEAWAR MANDSAUR TRANSMISSION LIMITED a company registered under the
company Act 1956 and having its Registered Office at.....
(hereinafter called the “Licensee”) which expression shall unless excluded by repugnant to
the context, include his successors / administrator assignees on the second part.

Whereas the Authority is responsible, inter- alia, for development and maintenance of
lands in KM.63 to 64 of N.H NO -148D ROW.

Whereas the Licensee proposes to lay Overhead Electrical Line /Overhead High
Tension 765kV D/C Beawar mandsaar Transmission Line. referred to as utility services in
subsequent paras.

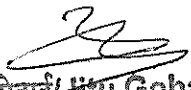
जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

Whereas the Licensee has applied to the Authority for permission to lay Overhead electrical line/ overhead high tension line 765kV D/C Beawar mandsaar Transmission Line in between km 63 of road /Route up to km 64 on /Across National Highway no. 148D Change-63.997 KM at Village. Gageda, from Bhim to Shahpura district in Bhilwara, state of Rajasthan

And whereas the Authority has agreed to grant such permission for way leave on the NH Row as per terms and conditions hereinafter mentioned.


Now this agreement witnessed that in consideration of the conditions hereinafter contained and on the part of the licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely.

1. RoW permissions are only enabling in nature. the purpose of extending the way leave facility on the National Highway RoW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be registered only to the extent of provisions/ scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the ROW either above or below or by the side of the utilities laid by the first user subject to technical requirements being fulfilled. Decision of the Authority In relation to fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. the licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearance, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility / individual infrastructure facilities.
4. The licensee shall pay license fee @ Rs/Sq m/ month to the Authority. The license fee shall become payable from the date of handing over of RoW land to the licensee, for lying of utilities/ cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and Conditions for providing common utility ducts along National Highways, their shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @15 % per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 M wide utility corridor on either side of the extreme edge of RoW, In cases where utility ducts with sufficient spare are

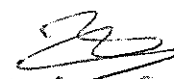

जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंडसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

already available along NH, The utility services shall be laid in such ducts subject to technical requirements being fulfilled.

7. the utility services shall be laid at the edge of the RoW, In case of restricted width of RoW, which may be adequate only to accommodate the carriageway , central verge , shoulders, slopes of embankment, drain , other road side furniture etc.; the utility services ,shall be laid beyond the toe line of the embankments and clear of the drain.
8. The licensee shall make his own arrangement for crossing of cross drainage structure, river, etc. below the bed. In case, this is not feasible, the utility services may be carried out side the railings/ parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where RoW is restricted the utility services can be allowed beneath the carriageway of service road, if available ,subject to the condition that the utility services laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that the maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meters below the ground level. However any structure above ground shall be aesthetically provided for/landscaped with required safety measures as directed by the concerned authority.
11. The utility services shall be permitted to cross the national highway either through structure or conduits specially built for that purpose. The casing /conduit pipe should .as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the specification of the ministry.
12. Existing drainage structure shall not be allowed to carry the line/ lines across.
13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2 meter below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3 m below the drain inverts. A typical sketch showing the clearance is given in nattachment-1.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.



जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी राजस्थान
Beawar-Mandsaur TLC, Rajasthan

15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be atleast 30cm, but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here In below or as supplied by Highway Authority.
- a) Bedding shall to be a depth not less than 30 cm .It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b) The backfill shall be completed in two stages (i)Side fill to the level of the top of the pipe (ii)Overfill to the bottom of the road crust.
 - c) The side fill shall consist of granular material laid in 15 cm .Layers each consolidated by mechanical tamping and controlled addition of moisture to 90 % of the Proctor's Density. Overfill shall be compacted to the same density as the material as that had been removed. Consolidation by saturation or ponding will not be permitted.
 - d) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specification stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to the restore the land In the same condition as it is to was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
18. All required restoration work subsequent to laying of the cable shall be required to be undertake n by the Licensee at its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance bank guarantee @Rs per route meter/Rs per square meter with a validity of one meter initially (extendable if required to the satisfactory completion of work) shall have to be furnished by the licensee to the authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services and interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the authority shall have a right to good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the bank guarantee.
20. Incase, the performance bank guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required performance Bank guarantee


जीतु गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

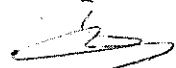
within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the authority, which has granted the permission, within the period a period 11 month from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.

21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in coordination with Authority, regarding the location of other utilities/underground installations/facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations./utilities/facilities etc.
23. The Licensee shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacement sought format the cost and risk of the Licensee. The concerned agency in coordination with authority shall have a right make good such damage/recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the authority, the same shall be executed by the authority at the cost and risk of the Licensee.
25. Grant of License is subjected to the licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highway, as far as possible, the Licensee should avoid cutting of the road for crossing Highway, and other roads and try to carry out the work by trenchless technology, in case any damage caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services. The Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restorations work, the authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the authority at least 15 days in advance with route details prior to digging trenches, for


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan


fresh or maintenance /repair works. A separate performance Bank Guarantee for maintenance /repair works shall have to be furnished by the Licensee.

27. Each day the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the authority.
28. The licensee shall indemnify the concerned agency in co-ordination with authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed unless defaults exists. In case of renewal ,rate prevailing at the time of renewal shall be charged .Delay in deposition of fee shall attract interest @ 15% per annum compounded annually .
30. The permission shall be valid only for the period it is issued and fee deposited. However, the authority also has a right to terminate the permission or to extend the period of agreement.
31. That the Licensee not undertake any work of shifting, repairs or alteration to the utility services without prior written permission of the concerned agency in co-ordination with the authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route /road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the agreement.
33. During the subsistence of this agreement, the utility services located in highway land /property shall be deemed to have been constructed and continued only by the consent and permission of the authority so that the right of the Licensee to the use thereof shall not become absolute and infeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geotagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the site at all times to the authorized representatives of authority to inspect the project Facilities and investigate anymatter


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ज्यावर-मंदसौर टी एल सी, राजस्थान
Jyavar-Mandsaur T.C. Rajasthan

within their Authority, and reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.

37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approval specifications and the drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the authority has been obtained. Notwithstanding anything contained herein ,this agreement may be cancelled at any time by the authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant standards and follow best industry practices ,methods and standards for the purpose of ensuring the safe, efficient and economic design ,construction ,commissioning ,operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices ,methods and standards shall be adjusted as necessary ,to take account of
- a. Operation, repair and maintenance guidelines given by the manufacturers,
 - b. The requirements of the law,
 - c. The physical conditions at the site, and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services ,at least one lane of road shall be kept open to traffic at all times .In case of single lane road .a diversion shall be constructed .If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within the 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the authority for a period of one year for an amount assessed by the authority as a security for making good the excavated trench by proper filling and compaction, clearingdebris, loose earth produced due to excavation of trenching at least 50 m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and conditions of this agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.
43. For projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

agreement with the respective project concessionaires. MoRT&H/NHAI/implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

This agreement has been made in duplicate, each on a stamp paper, each party to this Agreement has retained one stamp copy each.


IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI _____

(Signature, name& address with stamp)

SIGNED ON BEHALF OF M/S _____ Powergrid Beawar Mandsaur Transmission Limited _____ (LICENSEE)


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ज्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

BY SHRI _____

(Signature, name& address with stamp)

HOLDER OF GENERAL POWER OF ATTORNEY DATED _____

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. _____

DATED _____ PASSED BY THE BOARD OF DIRECTORS IN THE MEETING
HELD ON _____

IN THE PRESENCE OF (WITNESSES):

1.

2.

राजस्थान स्टाम्प अधिनियम 1998 के अन्तर्गत
स्टाम्प रॉशि पर प्रभावित अधिभार
1-आधारभूत अवसंरचना सुविधाओं हेतु
(धारा-3-क) 10% रूपये 20/01/2025
2-गाय और उसकी नस्ल के संरक्षण और संवर्धन
हेतु (धारा-3-ख) (4-ख) प्राकृतिक आपदा
एवं मानव निर्मित आपदाओं के निवारण हेतु 20
रूपये 20/01/2025 कुल योग 40/01/2025
ONE हस्ताक्षर स्टाम्प मित्र

राजस्थान RAJASTHAN

2024-2025

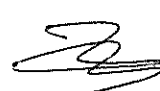
20 MAR 2025

CC 008648

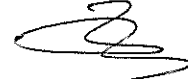
UNDERTAKING

CONDITIONS FOR THE AGENCIES PERMISSION FOR CROSSING OF 765 KV DC
BEAWAR-MANDSAUR TRANSMISSION LINE OVER N.H-148D OF BHIM – SHAHPURA
SECTION BETWEEN KM. STONE 63 & 64.

1. The Overhead EHV line cross the NH-148D at KM. Stone 63 & 64.
2. The tower of the line should not be near to the road existing structures.
3. The height of the bottom conductor to surface of the road is 23.80 Mtr.
4. Any damage during the crossing of O/H line to existing service line (cable, water supply line, electric line, or any other line) should be got repaired immediately by the agencies (PGBMTL) at his own risk and cost.
5. Necessary precaution should be taken to avoid accident during crossing work of the transmission line.
6. Cautionary board should be kept on site before execution of the work.
7. Prior approval from concern department shall be obtained before undertaking the work.
8. Before starting the work prior written information shall be communicate to concern NH Office.
9. If it is necessary in the future to remove / shift the tower for any works developments / improvement / repairs of road within existing NH Boundary, it will be carried by PGBMTL within reasonable time & free of cost.
10. The government does not guarantee the preservation of agencies property from any type of damage that may occur due to road work carried at a late date.
11. In any accident is occurring during the execution or completion of work by agency the complete responsibility shall be fully on the head of agency.


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंडसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

12. In future at the time of widening the road or any work of NH the line shall have to be removed/ shifted by the agency at their own cost without any claim or compensation.
13. An agreement on stamp paper of Rs.100 is required to be made between "N.H.A.I" and agency before start of work. This shall also include certificate.
14. We hereby accept all the above condition for crossing the NH-148D of BHIM – SHAHPURA Section between KM. STONE 63 & 64.




Mr. Jitu Gohain
Deputy General Manager
PGBMTL, Beawar.


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of **765 KV(HEXA) D/C Beawar-Mandsaur overhead transmission line** and confirm that the all-standard condition issued vide Ministry circular No: RW/NH-33044/29/2015/S&(R)) dated 22.11.2016 has been followed.
2. It is certified that any other location of utility line would be extremely difficult and unreasonable costly and installation of utility line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.
3. I will ensure supervision of the work of laying of utility and ensure that the defects in road portion after laying of utility are corrected.
4. I will notify/forfeit the BG for claims for damages done/disruption in working, if any.
5. I will ensure that proposed permission in entered the register of records.
6. The record of previous approval, if any has been considered and copy of same is enclosed with the proposal.


जीतू गोहाई/Jitu Gohain
उप महाबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल लाईन, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

Name of the Project: For laying of overhead 765 kV D/C Beawar - Mandasaur Transmission Line by PGCIL across National Highway No. NH - 148D between Mile Stone KM 63- 64 at near village Gageda.				
Calculation of BG for crossing of overhead HT Line at Village Gageda at chainage 63 & 64				
Location	Transmission line Width	NH-148D Crossing Length	Utility NH Land Area =	
			Laying length Dia	Sq. Mtr
Village Gageda Chainage 63+997	Mtr 28.5	Mtr 45.00		1282.500
Performance BG:				
As per North Circular no. RW/NH-33044/29/2015/S&R dated 22.11.2016 for utility services such as tower rate is 100 Rs/SQM So amount for BG is 1282.50 Sqm X 100 = 128250/-				
BG Amount is Rs 128250/-				


 श्रीतू गोहई Jitu Gohain
 Deputy General Manager
 उप महाप्रबन्धक Deputy General Manager
 ब्यावर-मंदसौर टी एल सी, राजस्थान
 Beawar-Mandasaur TLC, Rajasthan

Name of the Project: For laying of overhead 765 kV D/C Beawar - Mandasaur Transmission Line by PGCIL across National Highway No. NH - 148D between Mile Stone KM 63 - 64 at near village Gageda.										
Calculation of License fees for crossing of overhead HT Line at Village - Gageda chainage 63-64										
Location	Transmission line Width	Crossing Length	Utility NH Land Area = Laying length Dia	Sq. Mtr	Mtr	Circle rate of the Land or DLC Rate	License Fees= ((Area "Prevailing Circle rate of Land)/(10*12)	License Fees public utility for @ 33%	License Fees for one year Rs / Year	License Fees for five years Rs / Five Year
Village Gageda Chainage	28.5	45.00	1282.500			167.500	1790.16	590.75	7089.02	35445.09
Note: License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12)										

Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd



श्री जीतु गोहाई/ Jitu Gohain
प्रमुख अभियंता/ Deputy General Manager
बीआर-मण्डसौर टी.सी. राजस्थान
Beawar-Mandasaur T.L.C. Rajasthan

प्रभावी दिनांक : 01/12/2024


Government of Rajasthan
REGISTRATION & STAMPS DEPARTMENT, RAJASTHAN
Sub-Registrar : HURDA
List of Rural DLC Rate

Print Date : 18/04/2025

Time: 14:50:55PM

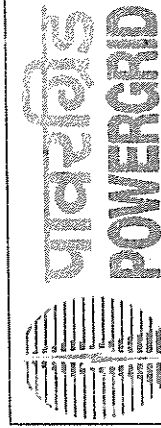
District: BHILWARA

Village Name & Classification		Category	Exterior(₹)	Interior(₹)	Unit
Gageda ()					
1	Commercial व्यावसायिक	C	4210	4210	Sq Mtr
2	Irrigated सिंचित	A	614000	561000	Hectare
3	Irrigated-NH/SH/MH/Other 0 to 100 meter NH/SH/MH/अन्य 100 मी. तक-गागेडा -42,43,44,45,46,47,48,50,52,53,54,56,61,62,63,64,85,86,87,88,101,103, 105,106,107,108,110,111,157,159,163,164,165,166,167,168,174,175,17 7,178,179,180,181,182,183,184,191,193,194,195,643,646,647,648,652, 658,837/2515,1081,1083,1084,1085,1086,1087,1102,1103,1104,1105,1 106,1113,1128,1129,1130,1132,1138,1140,1142,1143,1144,1148,1149, 1150,1152,1153,1158,1159,1160,1160/2640,1161,1162,1163,1165,1167 ,1168,1172,1174,1177,1178,1179,1180,1186/1,1186/2,1188,1189,1190, 1191,1324,1325,1326,1367,1372,1373,1374,1377,1379,1380,1381,1382 ,1383,1384,1385,1386,1387,1387/2511,1404,1407,1408,1409,1485,255 5/1334,2780/103	A	1675000	1675000	Hectare
4	Irrigated-NH/SH/MH/Other above 101 to 200 meter NH/SH/MH/अन्य 101 मी. से अधिक 200 मी. तक-गागेडा -13,14,15,16,74,75,76,78,79,81,93,94,95,97,116,118,119,128,130,131,1 51,153,154,156,172,185,186,187,188,206,208,317,318,319,619,621,622 ,623,631,632,633,634,635,636,637,670,671,672,673,677,683,684,686,6 87,690,692,693,695,696,701,832,833,834,836,837,845,846,1069,1071,1 117,1118,1119,1120,1121,1122,1123,1124,1131,1133,1135,1137,1145, 1146,1147,1155,1156,1157,1169,1170,1171,1173,1176,1284,1322,1323 ,1328,1334,1351,1359,1363,1364,1365,1366,1391,1392,1393,1401,140 2,1410,1413,1414,1466,1467,2288,2289,2297	A	111600C	111600C	Hectare


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसौर टी एल सी, राजस्थान
Beawar-Mandsaur TLC, Rajasthan

R - Residential, C - Commercial, A - Agriculture, I - Industrial, In - Institutional, Cx - Complex,
Fh - Farm House, M - Mining, G - Godown, Rt - Resort, F - Firm

Page No. 1



Owner : POWERGRID CORPORATION OF INDIA LIMITED

Project : TRANSMISSION LINE PACKAGE T101 FOR 765KV D/C BEAWAR - MANDSAUR PS TRANSMISSION LINE -PART I ASSOCIATED WITH TRANSMISSION SYSTEM FOR EVACUATION OF POWER FROM RAJASTHAN REZ PH-IV (PART-2: 5.5 GW) [JAISALMER/ BARMER COMPLEX] PART-D' (TBCB)

Line Name : 765KV D/C BEAWAR - MANDSAUR TRANSMISSION LINE

EPC Agency : BAJEL PROJECTS LIMITED

NH Crossing Tower Schedule : AP- 58 to AP- 59

Sl. No	Loc No.	Tower Type	Deviation Angle	CP Position Up/Down	Chimney Extension				Span	Section Length	Cumulative Chainage	Wind Span	Weight Span (Cold)			Weight Span (Hot)			Major Crossings / Remarks (With in ROW)	WZ	Elevation		GPS Co-ordinates	
					A	B	C	D					Left	Right	Total	Left	Right	Total			m	m	m	m
			DMS	m								m	m	m	m	m	m			m		m		
1	57/3	DA+0								0	403.5	201	181	382	203	184	387		4	426.59	456787.15	2862409.93		
								387.00																
2	58/0	DC2+0	22° 22' 07"LT						387	387	318.5	204	109	314	203	118	321		4	428.69	456928.4	2862049.32		
								249.00										NH-148D, 2nos 11kv						
3	59/0	DD45+0	31° 04' 28"RT						249	636	330.5	141	174	315	132	184	316		4	430.3	457101.32	2861868.75		
								411.00										Cart-track, LT Line, Nala, Compound Wall						
4	59/1	DA+6								1047	420.0	242	228	470	227	224	451		4	431.12	457191.55	2861467.82		

For BAJEL PROJECTS LIMITED

For POWERGRID CORPORATION OF INDIA LIMITED


Surveyed BY	Checked BY	Submitted BY	Checked BY	Recommended BY	Approved BY
		 BAJEL PROJECTS LTD		 Singh Ray	 जीतू गोहाई/ Jitu Gohain Deputy General Manager राजस्थान उप महाविद्युत परियोजना अधीनस्थ विद्युत परियोजना बीजवर-मंदसौर टीएलसी, राजस्थान Beawar-Mandsaur TLC, Rajasthan

Team Leader
Theme Engineering Service with
Ishita Info Solutions PVT.Ltd

M/S POWERGRID BEAWAR MANDSAUR TRANSMISSION LIMITED Proposed National Highway No:148D Crossing of 765KV D/C Transmission Line from Beawar (Rajasthan) to Mandsaur (Madhya Pradesh) PS.

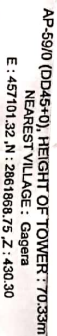
Methodology of carrying out the Stringing activities

1. The aim of this exercise is to carry out the stringing of 765KV powerline across National Highway No-148D between the tower AP 58/0 and AP 59/0 with the span of 249 meters. The distance of the tower AP 58/0 from the center line of the road is 145.00 meters and of AP 59 is 104.00 meters. After the stringing a clearance of 23.80 meters would be maintained from the road surface to the bottom most conductor of the line.
2. Wooden/metal scaffolding of 12 meters height 3 meters width would be installed on either side of National Highway 148D. A distance of 10 meters would be kept from the edge of the highway to the edge of the scaffolding to provide safe distance in case of collapse of scaffoldings. This scaffolding would be carrying only earth wire.
3. Earth wire would be strung first as shown in the figure. To pass earth wire over the road, a polypropylene rope (Pilot rope) would be extended from scaffolding of one side and connected to the edge of the earth wire which would be on the scaffolding on other side. Once the connection is made, the pilot rope is pulled with winch machine on the other side taking the earth wire on the wooden scaffolding. While pulling the Earth wire due to self-weight the earth wire will take catenary shape and hence traffic needs to be stopped for about 15 minutes.
4. Once the earth wire is pulled completely it will be connected to the ends of the peak of the tower.
5. Later the 6*6 conductors will be dragged in the same manner as said above in case of earth wire by making up them on one side and every time there needs to be stoppage of traffic for about 15 minutes with time gap between one conductor and another likewise all six conductors will be lifted, and final stringing will be completed one by one.
6. During the above process every effort will be kept maintaining clearance from the road and 15 to 20 minutes' blockage of traffic would be necessary intermittently.
7. All safety measures shall be followed as insisted by NHA at the time of execution of work.


जीतू गोहाई/Jitu Gohain
उप महाप्रबन्धक/Deputy General Manager
ब्यावर-मंदसाूर टोल प्लाजा, राजस्थान
Beawar-Mandsaur Toll Plaza TLC, Rajasthan

SECTION AP-58/0 - AP-59/0 & VERTICAL CLEARANCE OF 23.80 Mtr.

NEAREST VILLAGE: Gagera

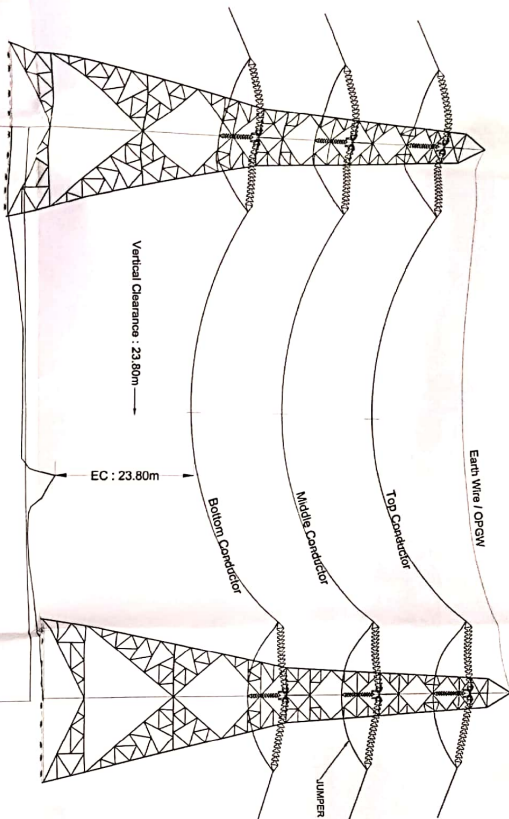


DRG NO.	PGBPL-NHC-PROPOSALE			
RELATED TO	<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> TENDER	<input type="checkbox"/> INFORMATION	<input checked="" type="checkbox"/> APPROVAL
				<input type="checkbox"/> CONSTRUCTION

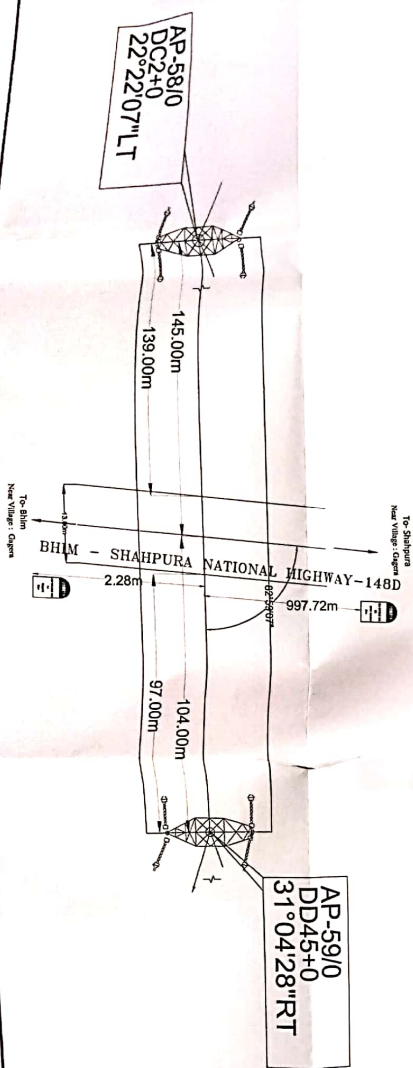
AD-380
DCI-0
E 4350278.40
N 2800048.52
Z 478.69
TOWER HT 70.33
WIND SPAN 318.5
WT SPAN COLD 11.20448 100-314
WT SPAN HOT 11.20348 100-314

249.00

AP-580
DOL-0
E 457101 32
N 2851608 75
Z 450 30
TOWERS HT 70.33
WIND SPAN 300.5
WT SPAN COLD (L 141-R 174) 315
WT SPAN HOT (L 132-R 164) 316



CHARGE (m)	GROUND LEVEL (m)
0.00	428.69
20.00	428.82
40.00	429.06
60.00	429.30
80.00	429.44
100.00	429.41
120.00	429.37
140.00	431.04
160.00	429.69
180.00	429.68
200.00	429.90
220.00	430.03
250.00	430.30



AP-59/0
DD45+0
31°04'28"RT

[illegible]

