



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport and Highways, Govt. of India)

क्षेत्रीय कार्यालय : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Regional Office : F-120, Janpath, Shyam Nagar, Jaipur-302019

Tel. (O.)/फोन : (ऑ.) 0141-2292056, 2292049

E-mail / ई-मेल : rojaipur@nhai.org Web. / वेब : www.nhai.gov.in



NHAI/18013/1/2024-ROJ/Overhead Transmission Line Crossing/Beawar/358/NH-458, Ch. 201-202/708

Dt. 03.07.2024

### INVITATION OF PUBLIC COMMENTS

**Sub:** Supervision Consultancy Services for O&M stage of two-lane with paved shoulder of Bheem-Parasoli-Gulabpura section of NH-148D from km 0.000 to km 69.267 (Length 69.267 km) (including Bheem & Parasoli bypass) and Lambia-Raipur section of NH-458 from existing Ch. Km. 163+800 to Km. 218.563 (Length 54.763 km) for total length 124.03 km on EPC mode in the State of Rajasthan under NHDP Phase IV: **Proposal for Grant of permission for Overhead Powerline Crossing by 765kV D/C Fatehgarh-3 to Beawar Transmission line (AP105-AP106) over NH-458 Lambia-Raipur Section between Ch. 201-202 near Village Agewa District Pali in the State of Rajasthan by M/s Beawar Transmission Ltd., Jodhpur (Application ID 20240311/1/11/25487/6954) : In-principle Approval - reg.**

**Ref.** 1. M/s Beawar Transmission Ltd., Jodhpur letter no. SPTL/PKG-F/2024/43 dated 14.03.2024, No. SPTL/PKG-F/2024/73 dated 08.05.2024 & e-mail dated 10.06.2024.  
2. PD, PIU-Ajmer letter No. NHAI/Ajm/NH-458/LJR/Access-Utility-Sterlite Power/16973 dated 12.06.2024 (Received on 19.06.2024)

Sir,

It is to inform all concern the M/s Beawar Transmission Ltd., Jodhpur vide cited under ref. (1) above has submitted a proposal for the subjected work and PD, NHAI, PIU, Ajmer has submitted the above proposal vide letter under ref.-(2) for approval of the Competent Authority, Highway Administration.

1. The proposal for Grant of Permission for Overhead Powerline Crossing by 765kV D/C Fatehgarh-3 to Beawar Transmission line (AP105-AP106) over NH-458 Lambia-Raipur Section between Ch. 201-202 near Village Agewa District Pali in the State of Rajasthan.
2. As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration shall be put out in the Public Domain for 30 days for seeking claims and objections (on grounds of Public inconvenience, Safety and General Public Interest).

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 proposed Overhead Powerline Crossing by 765kV D/C Fatehgarh-3 to Beawar Transmission line (AP105-AP106) over NH-458 Lambia-Raipur Section between Ch. 201-202 near Village Agewa District Pali in the State of Rajasthan by M/s Beawar Transmission Ltd., Jodhpur to the subjected Project stretch. The objections/comments may be addressed to the below mentioned address upto 02.08.2024, beyond due date, no comments/objections will be accepted.

The Regional Officer, Regional Office - Jaipur  
National Highways Authority of India,  
F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,  
Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org

This issue with the approval of Highway Administration-cum RO, NHAI, Jaipur.

Yours faithfully,

(Manoj Khoda)  
Manager (Tech.)

- Copy to:** (i) Web Admn., NHAI, HQ, New Delhi - for uploading in NHAI's website [web-admin@nhai.org]  
(ii) Director, NIC, New Delhi - for uploading in Ministry's website. [rahu.sh@nic.in]  
(iii) PD, PIU-Ajmer for information with request to ensure deposition of Requisite License Fee and BG amount as per applicable Guidelines of MoRTH.  
(iv) M/s Beawar Transmission Ltd., Jodhpur (Raj.) for information.



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.: 0145-2680571, E-mail / ई-मेल : ajmer@nhai.org, Web./ वेब : www.nhai.gov.in



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No. NHAI/Ajm/NH-458/LJR/Access-Utility-SterlitePower/16973

Date: 12.06.2024

क्षेत्रीय अधिकारी

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण,

क्षेत्रीय कार्यालय,

एफ-120, जनपथ, श्याम नगर

जयपुर-302019

MCDMK



PA  
2/20

विषय: Supervision Consultancy Services for O&M stage of two-lane with paved shoulder of Bheem-Parasoli-Gulabpura section of NH-148D from km 0.000 to km 69.267 (Length 69.267 km) (including Bheem & Parasoli bypass) and Lambia-Raipur section of NH-458 from existing Ch. Km. 163+800 to Km. 218.563 (Length 54.763 km) for total length 124.03 km on EPC mode in the State of Rajasthan under NHDP Phase IV: Submission of Overhead Powerline Crossing proposal by 765kV D/C Fatehgarh-3 to Beawar Transmission line (AP105-AP106) over National Highway No. 458 under NHAI PIU Ajmer - reg.

- संदर्भ: (1) M/s Beawar Transmission Ltd., Jodhpur letter no. SPTL/PKG-F/2024/43 dated 14.03.2024.  
(2) This office letter no. NHAI/Ajmer/NH-458/LJR/Access-Utility-SterlitePower/16215 dated 22.03.2024  
(3) SC letter no. TES/Bhim-Gul/NH-148D/Lamb-Rai/NH-458/410 dated 09.04.2024  
(4) This office letter no. NHAI/Ajmer/NH-458/LJR/Access-Utility-SterlitePower/16408 dated 16.04.2024  
(5) M/s Beawar Transmission Ltd., Jodhpur letter no. SPTL/PKG-F/2024/73 dated 08.05.2024.  
(6) This office letter no. NHAI/Ajmer/NH-458/LJR/Access-Utility-SterlitePower/16845 dated 15.05.2024.  
(7) SC letter no. TES/Bhim-Gul/NH-148D/Lamb-Rai/NH-458/426 dated 29.05.2024.  
(8) This office e-mail dated 08.06.2024  
(9) M/s Beawar Transmission Ltd., Jodhpur e-mail dated 10.06.2024.

Sir,

With reference to above cited letter dated 14.03.2024 (Annex-1) M/s. Beawar Transmission Ltd., Jodhpur (Subsidiary company of SterlitePower) has submitted the Proposal of Overhead Powerline Crossing by 765kV D/C Fatehgarh-3 to Beawar Transmission line (AP105-AP106) on NH-458 Lambia-Raipur section between Ch. 201-202 near Village-Agewa and requested for grant of approval. The Project is being implemented under aegis of Ministry of Power, Govt. of India.

The same has been forwarded to Supervision Consultant (SC) of the Project M/s Theme Engineering Services Pvt. Ltd. vide this office letter dated 22.03.2024 (Annex-2) with the request to examine the proposal as per the prevailing site condition for subjected project in light of the Ministry's guidelines issued vide letter dated 22.11.2016 & 16.03.2017 and subsequent amendment dated 17.04.2023. SC M/s Theme Engineering Services Pvt. Ltd. has examined the proposal as per the prevailing site condition in light of the Ministry's guidelines issued vide letter dated 22.11.2016, 16.03.2017 & subsequent amendments dated 17.04.2023 and submitted its comments. However, during examining the proposal in this office, certain observations were noted which was communicated to agency vide this office letter dated 16.04.2024 (Annex-3).

In compliance to above, agency M/s. Beawar Transmission Ltd., Jodhpur vide their letter dated 08.05.2024 (Annex-4) has submitted point wise compliances along with supporting documents. The same was forwarded to the SC of the Project vide this office letter dated 15.05.2024 (Annex-5) for re-examination the proposal as well as compliances furnished by the agency strictly as per prevailing conditions and

(2)

MoRTH Guidelines. Supervision Consultant vide their letter dated 29.05.2024 (Annex-6) has re-examined the proposal in light of MoRTH guidelines and verified at site and same found in order. Accordingly, SC has recommended the proposal duly sealed and signed on checklist & drawings.

Further, this office vide e-mail dated 08.06.2024 has raised query regarding clarification on the purpose of Utility i.e. Public Purpose 'OR' Industrial Purpose. In compliance on the same, Agency vide e-mail dated 10.06.2024 (Annex-7) has submitted Undertaking wherein it is mentioned that " We hereby undertake that Beawar Transmission Ltd. is acting as a Transmission Service Provider and the aforementioned Transmission Line will be used for Public Purpose as part of the National Electricity Grid".

Further, the proposal has been re-examined in this office and same is found in order as per Ministry's guidelines issued vide letter dated 22.11.2016 & 16.03.2017 & subsequent amendments dated 17.04.2023. It is submitted that, agency has submitted all necessary Undertaking as per MoRTH guidelines. It is pertinent to mention that License Fee is not applicable on the Overhead Line which are constructed for Public Utility & where towers are erected beyond ROW of NHAI. As such towers are erected outside ROW in the instant case, therefore Licence fee is not applicable as per MoRTH Guidelines dated 22.11.2016 and further clarification issued vide RO, MoRTH-Jaipur letter dated 15.11.2019. (Annex-8).

In view of above, the proposal is submitted duly signed and sealed on each pages of Checklist & Drawings with the recommendations of this office to accord "In-Principle" approval for the subject work.

Encl.: Two copies of proposal

भवदीय

(ए.के. खण्डेलवाल)

12/06

महाप्रबंधक (तक.) / परियोजना निदेशक

Copy to: M/s. Beawar Transmission Ltd., Jodhpur; for information please.



## CHECK LIST

Guidelines for processing the proposal for laying of Utility line in the land along National Highways vested with NHAI/PWD/BRO.

### General Information

1. Name and address of the Applicant/Agency : Beawar Transmission Limited
2. National Highway No. : NH-458
3. State : Rajasthan
4. Location : Village-Agewa, Pali
5. Chainage : KM- 201 & 202
6. Length in m : 45 Mtr.
7. Width of available ROW in both side : 45 Mtr.
8. Side of NH : Left – 22.5 Mtr. & Right – 22.5 mtr.  
(Left or right side of NH toward increasing chainage/Km direction)
9. Name of Highway Authority of NHAI/PWD/BRO : NHAI
10. Highway Administration address : PIU-Ajmer, B-136-C, B-Block,

Panchsheel Nagar, Ajmer

Rajasthan- 305004



  
Beawar Transmission Limited

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साईट इंजीनियर / Site Engineer  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highway Authority of India  
पं.का.ई.-अजमेर / P.I.U.-Ajmer

परियोजना निदेशक / Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
पं.का.ई.-अजमेर / P.I.U.-Ajmer

S.N	Item	Measurement Observation as per site conditions	MORTH Norms	Whether complying with Morth Norms
1	Details of already laid utility services, if any	No		
2	Whether up gradation of the stretch in near future is proposed or not	No		
	(a) If yes, provision of utility adversely affect the plan of up-gradation	N/A	Not affect plan of up-gradation	
3	Laying of utility service along the National Highways.	Overhead Crossing of 765kV D/C (Hexa AL-59) line		
3.1	Location of proposed utility services along the stretch	Overhead Crossing of 765kV D/C (Hexa AL-59) line near Vill- Agewa, Pali b/w KM- 201 & 202	Utility duct/beyond the toe line of the embankment and drains, and close to the extreme edge of the ROW	
3.2	Depth of top of utility service from ground level	N/A, Overhead Crossing		
3.3	Mechanism for crossing water channel	N/A, Overhead Crossing	Through utility duct (if provision exists) or beneath the bed of water channel	
3.4	Whether ROW is restricted in this Stretch?			
3.4.1	If yes, whether provision of land acquisition is required to lay utility	N/A, Overhead Crossing		
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts.	N/A, Overhead Crossing	Not less than one lane	
4	Laying of utility services across the NH	Overhead Crossing		
4.1	Whether existing drainage structures is allowed to carry the utility lines	N/A, Overhead Crossing	Not to be allowed	
4.2	Proposed crossing of utility service	765kV Overhead Crossing, Crossing Angle: 90 Degree	Perpendicular to NH	Yes
4.3	Type of casing pipe/conduit carrying the utility line	N/A, Overhead Crossing	Steel, cast iron, or reinforced cement concrete and have adequate strength	
4.4	Whether ends of the casing/conduit pipe are sealed from the outside	N/A, Overhead Crossing	Sealed	
4.5	Length of casing/conduit pipe crossing NH	N/A, Overhead Crossing	Extend from drain to toe of subgrade fills	
4.6	Depth of top of the casing/conduit pipe	N/A, Overhead Crossing	At least 1.2m above the top of subgrade	
4.7	Crossing method in case of CC pavement	N/A, Overhead Crossing	Only boring method (HDD)	
4.8	Horizontal and vertical clearances in case utilities are allowed overhead	Vertical Clearance: 25.40 M Horizontal Clearance: 108 M	In accordance with IRC codes	Yes
5	Document Drawing enclosed with the proposal	Enclosed		

साईट इंजीनियर  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highway Authority of India  
पं.का.ई.-अजमेर / P.I.U.-Ajmer



Beawar Transmission Limited

5.1	Cross-Section showing the size of trench for open trenching method	N/A, Overhead Crossing	Enclosed, If applicable	
	(a) Trench width	N/A, Overhead Crossing	More than 30 Cm and less than 60 Cm wider than the outer diameter of the utility pipe	
	(b) Filling of trench	N/A, Overhead Crossing	As per Ministry vide circular no. RE/NH - 33044/29/2015/S&R (R) 22.11.2016	
	(c) Location of trench	N/A, Overhead Crossing	Extreme edge of the ROW	
5.2	Cross section showing the size of pit and location of conduit for HDD method	N/A, Overhead Crossing		
5.3	Strip plan/Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed	Enclosed	Yes
5.4	Plan and profile drawing stretch showing cross section of road at 20m distance along with ROW and proposed utility	Enclosed	Enclosed	Yes
6	Methodology for laying of utility line	Enclosed	Enclosed	Yes
7	Draft License Agreement is as per Ministry guidelines vide letter no. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016 and signed by two witnesses	Enclosed	Enclosed	Yes
8	License fees in favor of MoRTH RPAO Jaipur	Undertaking for License Fee Enclosed	As per Ministry vide circular no. RE/NH - 33044/29/2015/S&R (R) 22.11.2016	Yes
9	Whether Bank Guarantee has been obtained	Shall be submitted on account of BG amount confirmation	As per Ministry vide circular no. RE/NH - 33044/29/2015/S&R (R) 22.11.2016	Yes
10	Affidavit / undertaking from the Applicant for			
10.1	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	Enclosed	Enclosed	Yes
10.2	Undertaking for renewal of Bank Guarantees and when asked by NHAI/MoRTH	Enclosed	Enclosed	Yes
10.3	Undertaking for confirming all standard condition of MoRTH/NHAI guidelines.	Enclosed	Enclosed	Yes
10.4	Undertaking for shifting of utility as and when asked by MoRTH/NHAI within a month at their own cost	Enclosed	Enclosed	Yes
10.5	Undertaking for indemnity against all damages and claims	Enclosed	Enclosed	Yes

परियोजना निदेशक / Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
पं.का.ई.-अजमेर / P.I.U.-Ajmer

10.6	Undertaking for Management of traffic movement during laying of utility line without hampering the traffic	Enclosed	Enclosed	Yes
10.7	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant	Enclosed	Enclosed	Yes
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of Electricity, Chief controller of Explosives, Petroleum and explosive safety organization, Oil industry safety Directorate, State/central pollution control Board and any other statutory clearances applicable, before applying to Highway Administration	N/A , Overhead Crossing		

The right of way (ROW) of the National Highway available at proposed location from the center line of the divided carriageway is ..... M (from center of ROW to the edge of RoW towards Proposed Utility).

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



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साईट इंजीनियर / Site Engineer  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highway Authority of India  
पं.का.ई.-अजमेर / P.I.U.-Ajmer

  
Beawar Transmission Limited

For Beawar Transmission Limited

परियोजना निदेशक / Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
पं.का.ई.-अजमेर / P.I.U.-Ajmer  
For National Highway Authority of India



# CHECK LIST

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

## Circular / Codes:-

Ministry Circular No NH-III/P/20/77 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-458, vested with NHAI/MORTH

S.NO	Item	Information/ status	Remarks
1	General Information	765kV D/C (Hexa AL-59) Line	
1.1	Name and address of the applicant	Beawar Transmission Limited	
1.2	National Highway No	NH-458	
1.3	State	Rajasthan	
1.4	Location	Vill- Agewa, Pali	
1.5	Type of electric including carrying voltage details and purpose	765kV D/C (HEXA)	
1.6	Chain -age in Kilometers	KM- 201 & 202	
1.7	Length in Metre	45 meter	
1.8	Width of available ROW	45	
	(a). Left side from Center Line towards increasing chainage / KM Direction	22.5 Mtr.	
	(b) Right side from Center Line towards increasing chainage / KM Direction	22.5 Mtr.	
1.9	Proposal to lay Overhead		
	(a) Left side from Center Line towards increasing chainage / KM Direction	As above	
	(b) Right side from Center Line towards increasing chainage / KM Direction	As above	
1.10	Proposal to acquire land	N/A	
	(a) Left side from Center Line		
	(b) Right side from Center Line		
1.11	Whether the proposal is	Yes	
	a- in the same side where land is not to be acquired		
	b- Crossing the National Highway		
	If not then where to lay the overhead electrical line		
1.12	Details of Already laid services (overhead telecommunication line, overhead electric line etc), if any, along the proposed route / proposed crossing	N/A	
1.13	NO of lanes (2/4/6/8 lanes) existing	02 lane	
1.14	Proposed number of lanes (2 lanes with paved shoulder 4/6/8 lanes)	N/A	
1.15	Service Road existing or not	No	
	If yes then which side		
	a) Left side from center line		
	b) Right side from center line		
1.16	Proposed Service Road	No	
	a) Left side from center line		
	b) Right side from center line		
1.17	Whether proposal to lay overhead electric line is after the service road or between the service road and main carriage way, or crossing for approval / rejection based on the Ministry circulars and relevant codes mentioned as above	N/A	
1.19	I- If crossings of the roads involved	Yes	



Beawar Transmission Limited



<u>2</u>	<b>Affidavit / Under taking to be obtained from (to be furnished by the applicant).</b>	Yes	
<u>2.1</u>	Not to damage to other utility , if damaged then to pay the losses either to NHAI/MORTH or to the concerned agency	Yes	
<u>2.2</u>	Under Taking for Renewal of Bank Guarantee if required.	N/A	
<u>2.3</u>	Confirming all standard conditions as laid down in ministry circular no- NH-III/P/20/77 dated 08-04-1982 Indian Electricity Act 1910 Indian Electricity Rules 1956 IRC :32-1969, IS : 5613-1976 part I to IV of (NHAI/MORTH )	Yes	
<u>2.4</u>	Shifting of overhead Electrical line at their own cost as an when required by (NHAI/MORTH )	Done by BTL	
<u>2.5</u>	Shifting of overhead Electrical line at their own cost as an when required due to 4/ 6 lanning/ widening of NH	Done by BTL	
<u>2.6</u>	Indemnity against all damage and claims whatsoever kind that may be to NHAI/MORTH or to any third party in the row during installation, operation and maintenance	Done by BTL	
<u>2.7</u>	Traffic movement during laying of OFC/Cable to be managed by the applicant	Done by BTL	
<u>2.8</u>	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Done by BTL	
<u>2.9</u>	Prior approval of the NHAI/MORTH 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	
<u>2.10</u>	Expenditure, 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 the way	Yes.	
<u>2.11</u>	<b>If the NHAI/MORTH 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/MORTH at the cost of the electric department owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given</b>	Yes	
<u>2.12</u>	Certificate from the applicant in the following format :- (i) Laying of overhead electrical will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) For 4/6 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/MORTH" for future 6 laning or any other development.	Yes	



*[Signature]*  
Beawar Transmission Limited

<u>2.13</u>	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	
<u>2.14</u>	The applicant ensures the safety of the Highway traffic against the Hazards of the high voltage lines during installation , operation and maintenance	Yes	
<u>2.15</u>	Undertaking the compliance with Indian electricity rules and other authorities, regulations- all over head lines shall comply with the requirement of the Indian electricity act and rules made their under and the regulations or specification as laid down by NHAI/MORTH .	Yes	
	<b>Other documents and drawing to be furnished by the applicant</b>	Yes	
<u>3.1</u>	Methodology for laying of overhead electric line.	Yes	
<u>3.2</u>	Draft license agreement	Yes	
<u>3.3</u>	Performance bank guarantee in favor of NHAI/MORTH has to be obtain at the Rs 100/- 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 a security for insuring/ making good the area, Clearing debris / loose earth etc produced in the right of way. No payment shall be payable by the NHAI/MORTH to the license for clearing debris/ loose earth.	Shall be submitted as per requirement.	
<u>3.4</u>	Strip plan/ route plan showing overhead electrical line, chainage with of ROW, distance of proposed, structure(tower, pole and for HT Line only tension towers) from the edge of ROW, important milestone, intersections, cross drainage works any other structure existing of proposed etc.	Yes	
<u>4</u>	<b>Certificate from the Project Director</b>		
<u>4.1</u>	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/20/77 dated 08-04-1982 Indian Electricity Act 1910 Indian Electricity Rules 1956 IRC :32-1969, IS : 5613-1976 part I to IV of (MORTH ) and MORTH's guideline.	Yes	
<u>4.2</u>	Certificate from PD in the following format:- (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 propose 6 laning based on the feasibility report considering proposed structures at the said location " (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating of six - laning"	N/A	
<u>5</u>	If NH section proposed to be taken up by NHAI/MORTH 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 over head electrical line has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of.	N/A	



Beawar Transmission Limited

<p>(a) Is it on the line normal to NH and provide length along the Highway</p> <p>(b) Structure (Tower, pole and for HT Line only tension towers) for crossings shall not be too near the existing structures on the National Highway, The minimum distance being 15 meter.</p> <p>(i)- Type of Existing / proposed structure for National Highways</p> <p>(ii)- What is the distance of tower, pole and tension tower lying from the existing / proposed structure for National Highways.</p>	<p>(a) 90°0' 00", 226.7 Meters, Vertical Clearance – 25.4Mtr.</p> <p>(b) Nil</p>	
<p>(c)- The over head lines and their supporting poles / towers should ordinarily be placed at the extreme edge of the road land boundary. In any case, these shall be atleast 10 meter away for the age of the existing shoulders of extreme traffic lane. Where the existing road way is narrower than the minimum according to standard or where the widening is proposed for any reason the lateral clearance shall be reckoned with respect to ultimate road way.</p> <p>What is the horizontal clearance from the extreme edge of the road land boundary?</p>	<p>N/A.</p> <p>N/A</p>	
<p>(d)The overhead lines and their supporting poles/ towers should originally be placed at the minimum distance of 5.0m from the nearest line of avenue trees.</p> <p>What is the horizontal clearance from the nearest line of avenue trees?</p>	N/A	
<p>(e)- In mountainous / hilly terrain the over head lines should be erected preferably on the valley side as far away as practicable .In hilly region, 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 swung conditions. Is the proposal in hilly area?</p>	Plain terrain	
<p>The horizontal clearances in respect of poles erected for the purpose of street lighting in Urban situations shall be as under:-</p>		
<p>i-For roads with Raised kerbs</p> <p>Minimum 300mm from the 300mm from the aged of nearest kerb Preferably 600mm</p>	N/A	
<p>ii- For roads with raised kerbs</p> <p>At least 1.5m from the edge of the carriage way , subject to minimum of 5.0 from the central line of the carriage way .</p>	N/A	
<p>(g) the Pylons of HT lines along crossing the road shall be located outside the NH land</p>	N/A	
<p>(h) for crossing the line of same voltage or lower voltage , suspension/ tension tower with suitable extensions shall be used .</p>	N/A	
<p>(i) 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 56130-1976 part 1 to IV and Indian Electricity Rules 1956 as under.</p>	Ground Clearance shall be taken jointly with BTL and NH/MORTH after completion	



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	(Jaitaran-Raipur-Pali section from KM 201 to Km 202 NH no 458, on build operate and transfer basis) and therefore the licensee shall honour the same."		
<u>6</u>	Who will supervise the work of laying of overhead electrical line.	BTL	
<u>7</u>	Who will sign the agreement on behalf of overhead electrical line agency	Jagveer Gehlaut  BEAWAR TRANSMISSION LIMITED	
<u>8</u>	Who will ensure that the defect in road portion after laying of over head electrical are corrected and if not corrected that what action will be taken.	BEAWAR TRANSMISSION LIMITED & NHAI	
<u>9</u>	Who will pay the claims for damages done / disruption in working of concessionaire, if asked by the concessionaire.	BEAWAR TRANSMISSION LIMITED	
<u>10</u>	A certificate from PD that he will enter the proposed permission in register of record of the permission in the prescribed performa (copy enclosed)	NHAI	
<u>11</u>	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.	NO	



  
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