



सत्यमेव जयते

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय : 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



No.:NHAI/18013/1/2021-ROJ/Permission-OH Crossing-220KV/AVAADA/156/NH-15, km 110.027/1310 Date:21.07.2022

### INVITATION OF PUBLIC COMMENTS

**Sub.:** Proposal for grant of permission for overhead crossing of NH-15 (between km. 110-111) at km. 110.0274 of Bikaner-Jaisalmer road section by 220 KV S/C Transmission line of M/s. AVAADA Energy Pvt. Ltd. for 320 MW Solar Power Plant in Kolayat Tehsil, Distt-Bikaner to PGCIL Bhadala-II PS in the state of Rajasthan - reg.

**Ref.:** 1. M/s. Avaada Energy Pvt. Ltd. Letter no. ABCAEPL/320MW/BHADALA-II/ NHAI/16122021/02 dated 16.12.2021 and letter dated 05.04.2022.  
2. PD, PIU-Bikaner letter no 13181/1/2015/NOC-Others(B-P)/P.09/9583 dt05.07.2022.

Sir,

It is to inform all concern that M/s. Avaada Energy Pvt. Ltd., New Delhi vide letter under reference (1) above has submitted a proposal for the subjected work and PD, NHAI, PIU, Bikaner has submitted the above proposal vide letter under reference (2) for approval of the Competent Authority, Highway Administration.

2. The proposal is regarding grant of permission for NH overhead crossing of NH-15 (between km. 110-111) at km. 110.0274 of Bikaner-Jaisalmer road section by 220 KV S/C Transmission line of M/s. AVAADA Energy Pvt. Ltd. For 320 MW Solar Power Plant in Kolayat Tehsil, Distt-Bikaner to PGCIL Bhadala-II PS in the state of Rajasthan.

3. 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).

4. 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 OH Crossing of 220KV EHV transmission line on the subjected stretch. The objections/comments may be addressed to the below mentioned address upto 20.08.2022, 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 is issued with the approval of the Regional Officer, NHAI, RO, Jaipur (Rajasthan).

Yours faithfully,

  
(K R Choudhary)

Dy. General Manager (T)

- 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. [mansoor@nic.in]  
(iii) PD, PIU-Bikaner: for information.  
(iv) M/s. Avaada Energy Pvt. Ltd., New Delhi: for information.





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# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

परियोजना कार्यान्वयन इकाई, बीकानेर, सी-38, सादुलगंज,

बीकानेर (राजस्थान) - 334002

Project Implementation Unit- Bikaner, C-38, Sadulganj,  
Bikaner (Rajasthan) - 334002, फोन / Tel.: 0151-2224477

ई-मेल : bikaner@nhai.org, nhaibikaner@gmail.com



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No. 13018/1/2015/NOC-Others (B-P)/P.09/9583

Chief General Manager (Tech.)/RO  
National Highways Authority of India  
Regional Office, Jaipur  
F-120, Janpath, Shyam Nagar  
Jaipur (Raj.) - 302019.



Date: 05.07.2022

- Sub: **Proposal for overhead crossing of NH-15 BIKANER- JAISALMER (MILESTONE NO.110-111) by 220 KV S/C transmission line of M/s AVAADA ENERGY PVT LTD for 320 MW solar power plant in Kolayat Tehsil Bikaner-reg**
- Ref: [1] Avaada Energy Pvt. Ltd. letter no. ABCAEPL/320MW/BHADLA-II/NHAI/16122021/02 dated 16.12.2021  
[2] This office letter no. 13018/1/2015/Noc-other(B-P)/P.09/9068 dated 30.12.2021  
[3] IE M/s CEG Limited letter no. CEG/BIK/NHAI/2022/2913 dated 01.01.2022  
[4] This office letter no. 13018/1/2015/Noc-other(B-P)/P.09/9099 dated 18.01.2022  
[5] Avaada Energy Pvt. Ltd. letter no. ABCAEPL/320MW/BHADLA-II/NHAI/02022022/04 dated 02.02.2022  
[6] This office letter no. 13018/1/2015/Noc-other(B-P)/P.09/9212 dated 17.02.2022  
[7] IE M/s CEG Limited letter no. CEG/BIK/NHAI/2022/2969 dated 23.02.2022  
[8] This office letter no. 13018/1/2015/Noc-other(B-P)/P.09/9460 dated 19.05.2022  
[9] IE M/s CEG Limited letter no. CEG/BIK/NHAI/2022/3031 dated 21.05.2022  
[10] IE M/s CEG Limited letter no. CEG/BIK/NHAI/2022/3036 dated 26.05.2022

Sir,

Please refer letter cited under reference at Sr. No. (1) vide which AVAADA Energy Pvt. Ltd. has submitted the proposal for overhead crossing of NH-15 BIKANER- JAISALMER (MILESTONE NO.102-103) by 220 KV S/C transmission line of M/s AVAADA ENERGY PVT LTD for 320 MW solar power plant in Kolayat Tehsil Bikaner.

This office vide reference (2) has sent the proposal to Independent Engineer of the Project Highway M/s. CEG Ltd. Bikaner to examine the proposal as per Ministry Guidelines and site conditions and to submit their comments/recommendations.

The Independent Engineer M/s. CEG Limited vide letter cited under reference at Sl. No. (9) has submitted as under:-

"Please refer this office letter under ref. '4' (Copy Enclosed) vide which 7 observations were raised in reply of your letter under ref. '5' for incorporating needful corrections. Later on revised proposal was submitted by your good office under ref. '3' which was cross checked and verified by me personally at site on 21.02.2022 which was found in order as per Ministry's Guidelines nos. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 & RW/JAI/RJ/PS/2017 /UTILITY /GENL/1161-1189 dated 16.03.2017 and submitted our reply under ref. '2' (Copy Enclosed)."

The AVAADA Energy Pvt. Ltd New Delhi vide letter no. ABCAEPL/320MW/BHADLA-II/NHAI/05042022/02 dated 05.04.2022 has submitted the BG of amounting to Rs. 1,62,000/-issued by SBI Overseas Br., NDA New Delhi. The BG has got verified by this office.

In view of above, the proposal is being forwarded to your office for further necessary approval at your end.

Encl : As above (3 nos. files).

Yours faithfully,

परियोजना निदेशक / Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

## CHECK- LIST

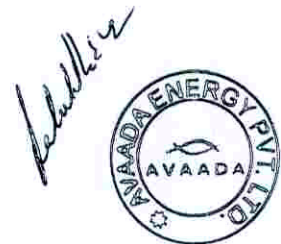
Annexure-03

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

- |  |   |
|--|---|
| 1. National Highway No.  | : NH-15 (old) New NH-11   |
| 2. State   | : RAJASTHAN ✓   |
| 3. Location  | : Vill-KanSingh ki Seed ✓   |
| 4. Chainage in km  | : 110+0.274 ✓   |
| 5. Length in m   | : 167 M ✓ 167.04m   |
| 6. Side of NH<br>(left or right side of NH towards increasing Chainage / Km direction) | : Across the National Highway ✓   |
| 7. Name of Highway Authority of<br>NHAI/PWD/BRO  | : NHAI, RAJASTHAN. ✓  |
| 8. Highway Administration address  | : National Highways Authority of India ✓<br>Project Implementation Unit-Jaipur<br>D-148, Behind RSEB Sub-station,<br>Vaishali Nagar, Jaipur-302021(Raj.)<br>Phone - 0141 235 1427<br>Email-jai@nhai.org |

*Active Team Leader*  
Consulting Engineers Group Ltd  
Bikaner-Phalodi Project  
Bikaner

*विश्वेश*  
उप-महप्रबन्धक (तक.)/DGM (Tech.)  
भारतप्रा.प.का.ई., बीकानेर / NHAI PIU, BIKANER





S.No	Item	Measurement. Observations as per site conditions	MORTH Norms	Whether complying with MORTH Norms
1	Details of already laid utility service, if any	NA ✓	Enclosed	
2	Whether up gradation of the stretch in near future is proposed or not	NO ✓		
	(a) If yes, provision of utility adversely affects the plan of up-gradation	-	Not affect plan of up-gradation ✓	
3	Laying of the utility service along the National Highways.	NA ✓		
3.1.	Location of proposed utility service along the stretch	-	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	-	1.20 meter 0.60m	
3.3	Mechanism for crossing water channel	-	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	-		
	(a) If yes, whether undertaking for land acquisition along with relevant L.A. details has been furnished	-		
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts	-	Not less than one lane ✓	
4	Laying of utility services across the NH	YES, Overhead crossing ✓		
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	NA ✓	Not to be allowed ✓	
4.2	Proposed crossing of utility service	Overhead power line, perpendicular ✓	Perpendicular to NH ✓	

Ashwini Team Leader  
Consulting Engineers Group Ltd  
Bikaner-Phalodi Project  
Bikaner

उप-महसप्रबन्धक (सि./TGM (Tech.)  
नारायण प. का ई., बीकानेर / NHAI, PIU, BIKANER



		to NH		
4.3	Type of casing pipe/conduit carrying the utility line.	Overhead AL-59 conductor ✓	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 ✓	NA ✓	Sealed ✓	
4.5	Length of casing/Transmission line crossing NH. ✓	NA ✓	Extend from drain to drain in cuts and toe to toe of slope in the fills ✓	
4.6	Depth of top of the casing/conduit pipe.	NA ✓	At least 1.2 m below the top of sub grade ✓	
4.7	Crossing method in case of CC pavement.	NA ✓	Only boring method (HDD) ✓	
4.8	Horizontal and vertical clearances in case utilities are allowed overhead,	15.74 M Vertical clearance ✓	In accordance with IRC codes. ✓	
5	Document / Drawings enclosed with the proposal	Horizontal 55.88m Vertical 16m Yes ✓	Enclosed ✓	
5.1	Cross-Section showing the size of trench for open trenching method	NA ✓	Enclosed, if applicable ✓	
	(a) Trench width	-	More than 30 cm and less than 60 Cm wider than the outer diameter of the utility pipe ✓	
	(b) Filling of trench	-	as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016 ✓	
	(c) location of trench	-	extreme edge of the ROW ✓	
5.2	Cross section showing the size of pit and location of conduit for HDD method	NA ✓	Enclosed, if applicable ✓	
5.3	Strip plan/ Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important milestone, intersections, cross drainage works etc.	Checklist Enclosed ✓	Enclosed ✓	
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility	Profile Enclosed ✓ <i>[Signature]</i>	Enclosed ✓	



6	Methodology for laying of utility line	Overhead crossing	Enclosed ✓	
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 ✓	Acting Team Leader Consulting Engineers Group Ltd. Bikaner-Phalodi Project Bikaner
8	License fees in Favor of MORTH RPAO Jaipur	Enclosed ✓ <i>Let paid</i> <i>in close</i> <i>To be paid</i> <i>Bank guarantee obtained</i>	As per Ministry vide circular no. RE/NH-33044/29/2015/S & (R) dated 22.11.2016	
9	Whether Bank Guarantee has been obtained	Enclosed ✓ <i>Bank Guarantee</i> <i>To be paid</i>	As per Ministry vide circular no. RE/NH-33044/29/2015/S & (R) dated 22.11.2016	
	(a) If yes, whether Confirmation of BG has been obtained as per MORTH/NHAI guidelines	<i>To be paid</i>		
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 ✓	
10.2	Undertaking for renewal of Bank Guarantees and when asked by NHAI/  MORTH	Enclosed ✓	Enclosed ✓	
10.3	Undertaking for confirming all standard condition of MORTH/NHAI guidelines.	Enclosed ✓	Enclosed ✓	
10.4	Undertaking for shifting of utility as and when asked by MORTH/ NHAI within a month at their own cost.	Enclosed ✓	Enclosed ✓	
10.5	Undertaking for indemnity against all damages and claims.	Enclosed ✓	Enclosed ✓	
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed ✓	Enclosed ✓	
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 ✓	उप-महानिरीक्षक (तक.)/DGM (Te) भारतमार्ग प. का ई. बीकानेर / NHAI PIU, BU
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as	Enclosed ✓ <i>Acting Team Leader</i> <i>Consulting Engineers Group Ltd.</i> <i>Bikaner-Phalodi Project</i> <i>Bikaner</i>	Enclosed	



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 clearance s applicable, before applying to Highway Administration			
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The Right of the Way (ROW) of the National Highway available at the proposed location from the center line of divided carriageway is (30)m <sup>Total ROW = 60m</sup> (from center of ROW to edge of ROW towards proposed utility)

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

Rahul Sharma  
Sr. Engineer

*Rahul Sharma*



[Name Designation and signature of the authorized representative of applicant]

*[Signature]*  
Acting Team Leader  
Consulting Engineers Group Ltd.  
Bikaner-Phalodi Project  
Bikaner

[Name Designation and signature of concerned field authority of NHAI/PWD/BRO]

*[Signature]*  
Acting Team Leader  
Consulting Engineers Group Ltd.  
Bikaner-Phalodi Project  
Bikaner

*[Signature]*

सप-महसप्रबन्धक (तक.)/DGM (Tech.)  
भाराराप्रा प. का ई. बीकानेर/NHAI, PIU, BIKANER

*[Signature]*

परियोजना निदेशक/Project Director  
भाराराप्रा प.का.ई. बीकानेर/NHAI, PIU, Bikaner