



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/155/NH-15, km 102.072/1309 Date:21.07.2022

INVITATION OF PUBLIC COMMENTS

Sub.: Proposal for grant of permission for overhead crossing of NH-15 (between km. 102-103) at km. 102.072 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/16122021/01 dated 16.12.2021 and letter dated 05.04.2022.
2. PD, PIU-Bikaner letter no13181/1/2015/NOC-Others(B-P)/P.10/9565dt23.06.2022

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. 102-103) at km. 102.072 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 Chowhan)
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.



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, फ़ोन / Tel.: 0151-2224477

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



3

No. 13018/1/2015/NOC-Others (B-P)/P.10/9565

Date: 23.06.2022

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



Sl. No. 2
M/s. CEG
2010

Sub: Widening & strengthening of existing Bikaner-Phalodi section to Four lane from Km. 4+200 to Km. 55+250 and Two Lane with PS from Km. 55+250 to km. 163+500 of NH-15 on BOT (Toll) basis in the State of Rajasthan: 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-reg

Ref: [1] Avaada Energy Pvt. Ltd. letter no. ABCAEPL/320MW/BHADLA-II/NHAI/16122021/01 dated 16.12.2021
[2] This office letter no. 13018/1/2015/Noc-other(B-P)/P.10/9160 dated 03.02.2022
[3] IE M/s CEG Limited letter no. CEG/BIK/NHAI/2022/2960 dated 18.02.2022

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. (3) has submitted as under:-

"Please refer your above reference letters under vide which revised proposal have been submitted by you. This proposal was reviewed by us personally at location after having inspection personally on 17.02.2022 and found that proposal is found ok as per Ministry's Guideline no. 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."

The AVAADA Energy Pvt. Ltd New Delhi vide letter no. ABCAEPL/320MW/BHADLA-II/NHAI/05042022/01 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.

Yours faithfully,

[Signature]

Encl : As above (3 nos. files).

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

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-Khidrat ✓
4. Chainage in km : 102+0.72 ✓
5. Length in m : 146 M ✓
6. Side of NH : Across the National Highway ✓
(left or right side of NH towards increasing Chainage / Km direction)
7. Name of Highway Authority of NHAI/PWD/BRO : NHAI, RAJASTHAN. ✓
8. Highway Administration address : National Highways Authority of India
Project Implementation Unit-Jaipur
D-148, Behind RSEB Sub-station,
Vaishali Nagar, Jaipur-302021(Raj.)
Phone - 0141 235 1427
Email-jai@nhai.org ✓

Arjun
Team Leader
Consulting Engineers Group Ltd
Bikaner-Jatodi Project
Bikaner

प्रीति १२१

Arjun



उप-महप्रबन्धक (तक.)/DGM (Tech.)
भारतराम 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 affect 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 ✓	

Team Leader
Consulting Engineers Group Ltd.
Bachchan-1, Bahadri Project
Bachchan-1

17/03/2021
JGM (Tech.)
JGM (Tech.)
JGM (Tech.)



		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,	16 M Vertical clearance ✓ Horizontal clearance 1.4m ✓	In accordance with IRC codes. ✓	
5	Document / Drawings enclosed with the proposal	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 ✓	Enclosed ✓	

Team Leader
Consulting Engineers Group
Bikaner-Phalodi Project
Bikaner

उप-महाप्रबन्धक (तक) / DGM (Tech.)
भारतमहा प. का ई. योजना / NH-34044/29/2015/S&R (R)



6	Methodology for laying of utility line	Overhead crossing ✓	Enclosed ✓ Not required.	
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 ✓	
8	License fees in Favor of MORTH RPAO Jaipur	To be Enclosed To be paid	As per Ministry vide circular no. RE/NH-33044/29/2015/S & (R) dated 22.11.2016 ✓	
9	Whether Bank Guarantee has been obtained	To be Enclosed To be paid	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	To be paid	—	
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 ✓	
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as	Enclosed ✓	Enclosed ✓	

<p>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</p>			
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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 (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.



Acting Team Leader
Consulting Engineers Group Ltd.
Bikaner-Phalodi Project
Bikaner

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

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

Acting Team Leader
Consulting Engineers Group Ltd.
Bikaner-Phalodi Project
Bikaner

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

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

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of **Overhead Crossing Clearance For Avaada Energy Pvt. Ltd. Solar plant in kolayat Tehsil, Bikaner-Bhadla-II PS 220 kV S/c line in Km 23 Crossing Chainage 102.072 (Village Khidrat, Teh. Bap, Distt. Jodhpur)** and confirm that the all-standard conditions 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.

प्रीतेश्वर

C-S
Gmy
परियोजना निदेशक / Project Director
आसरादा पकई, बीकानेर / NHAI, PIU, Bikaner

[Signature]
Acting Team Leader
Consulting Engineers Group Ltd.
Bikaner-Phalodi Project
Bikaner
[Name Designation and
signature of concerned field
authority of NHAI/PWD/BRO]