सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(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/NH-79/KUA/Access-Utility/11kV_UG-XLPE/19225 *Date: 02.06.2025*

सार्वजनिक टिप्पणियों का आमंत्रण / Invitation of Public Comments

विषय: **Permission for laying of 11kV UG XLPE 3C X185 Sq. M. Cable through Vermeer at Ch. No. 272.500 Km, Village-Srinagar, Tehsil-Nasirabad, District-Ajmer in the State of Rajasthan (Application No. 20250209/1/11/35683/14467) – reg.**

संदर्भ: सहायक अभियंता (पवस), अविविनिलि नसीराबाद का पत्रांक अविविनिलि/नसी./स.अ./पवस/भण्डार शाखा/2025–26/प्रे.18 दिनांक 01.04.2025

महोदय,

सर्व संबंधितों को सूचित किया जाता है कि सहायक अभियंता (पवस), अविविनिलि, नसीराबाद द्वारा उपरोक्त संदर्भित पत्र दिनांक 01.04.2025 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 Assistant Engineer (O&M), AVVNL, Nasirabad vide above cited letter dated 01.04.2025 has submitted a proposal to this office for subject work for approval of Competent Authority, Highway Administration.

2. यह प्रस्ताव राजस्थान राज्य में एनएच–48 किशनगढ़–गुलाबपुरा खंड के किमी 272+500 पर 11kV UG XLPE 3C X185 Sq. M. विद्युत लाईन बिछाने की अनुमति प्रदान करने के लिए है। The Proposal is for grant of Permission for Laying of 11kV UG XLPE 3C X185 Sq. M. Cable through Vermeer at Ch. No. 272.500 Km on NH-48 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 आपत्तियां (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 **01.07.2025** 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 **01.07.2025**, beyond due date, no comments/objections will be accepted.

परियोजना निदेशक, प.का.ई.–अजमेर	**Project Director, PIU-Ajmer**
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण	National Highways Authority of India,
बी–136–सी, बी–ब्लॉक, पंचशील नगर, अजमेर–305004	B-136-C, B-Block, Panchsheel Nagar, Ajmer-305004
टेलीफोन: 0145–2680571, ई–मेल: ajmer@nhai.org	Tel.: 0145-2680571, E-mail: ajmer@nhai.org

(हरि सिंह गीला)
परियोजना निदेशक

प्रतिलिपि:

1. वेब प्रशासन, भाराराप्रा, मुख्यालय, नई दिल्ली – भाराराप्रा की वेबसाईट पर अपलोड करने हेतु [web-admin@nhai.org]
2. निदेशक, एनआईसी, नई दिल्ली – मंत्रालय की वेबसाईट पर अपलोड करने हेतु [mansoor@nic.in]
3. क्षेत्रीय अधिकारी, भाराराप्रा, क्षेत्रीय कार्यालय, जयपुर – को सूचनार्थ प्रेषित।
4. सहायक अभियंता (पवस), अविविनिलि नसीराबाद – को सूचनार्थ प्रेषित।

अजमेर विद्युत वितरण निगम लिमिटेड

रजिस्टर्ड आफिस – विद्युत भवन पंचशील नगर माकडवाली रोड़ अजमेर-305004

सहायक अभियन्ता (पवस) नसीराबाद

पता – पावर हाऊस बस स्टेण्ड के पास नसीराबाद -305601

फोन नं. 01491-220083, ई–मेल – ajm.aen.21.1@gmail.com

क्र.स./अ.वि.वि.नि.लि./नसी./स.अ./पवस/भण्डार शाखा/2024–25/प्रे. 7431 दिनांक 10/2/25

श्रीमान परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना कर्यान्वयन इकाई
बी–136–सी, बी ब्लॉक पंचशील नगर अजमेर 305004

विषय :– नेशनल हाइवे–48 श्रीनगर रिको क्षेत्र मे भूमिगत केबल क्रासिंग हेतु अनापत्ति प्रमाण पत्र के संबंध में।
संदर्भ :– ऑनलाईन आवदेन पत्र नंबर 20250209/1/11/35683/14467

उपरोक्त विषय में निवेदन है कि राज्य सरकार द्वारा अनुमोदित बजट 2024–25 कि घोषणा कि अनुपालना मे आदेश क्रमांक 735 प्रे. 2361 दिनांक 30.09.2024 के द्वारा श्रीनगर क्षेत्र में नये सहायक अभियन्ता कार्यालय का सृजन किया गया है। उक्त नवीन कार्यालय के अधीनस्थ क्षेत्र कार्य क्षेत्र श्रीनगर रिको एरिया में विभाग के द्वारा प्रशासनिक स्वीकृति पत्र क्रमांक संख्या 1095 दिनांक 02.08.2023 के द्वारा श्रीनगर रिको क्षेत्र में उपभोक्ताओं को निर्बाध आपूर्ति बनाये रखने हेतु रिको क्षेत्र 33/11 केवी जीएसएस कि स्वीकृति बजट 2024–25 में स्वीकृति की गई थी।

उक्त जीएसएस से निकलने वाले 11 केवी हाइवे फिडर के इंटर–कनेक्शन हेतु 11 केवी 3 कॉर 185 वर्ग मिमी. वर्मीर (Vermeer) मशीन के माध्यम से भुमिगत केबल बिछाया जाना प्रस्तावित है जिसके लिए नेशनल हाइवे–48 के निम्न चेनेज नंबर के बीच क्रासिंग किया जाना है। इस हेतु आपके विभाग से अनापत्ति प्रमाण पत्र आवश्यक है। जिसका विवरण निम्नानुसार है–

स्थान	चेनेज नंबर	दुरी (मीटर में)	निर्देशांक बिन्दु	व्यास (मी.)
श्रीनगर	272+500 (RHS to LHS)	60	26.470872, 74.812546 से 26.471174, 74.812146	0.3

अतः श्रीमान से निवेदन है कि उक्त भूमिगत केबल बिछाने हेतु अतिशीघ्र अनापत्ति प्रमाण पत्र जारी करने कि कृपा करे ताकि नवीन 33/11 केवी श्रीनगर रिको जीएसएस का कार्य समय से पूर्ण कर नवीन औद्योगिक कनेक्शन जारी किये जा सके और औद्योगिक उपभोक्ताओं को निर्बाध आपूर्ति प्रदान की जा सके।

10/2/2025

सहायक अभियन्ता (पवस)
अविविनिलि नसीराबाद

प्रतिलिपी :–

1. श्रीमान मुख्य अभियंता (अ.सं.) अविविनिलि अजमेर।
2. श्रीमान अधीक्षण अभियन्ता (पवस) अविविनिलि अजमेर।
3. श्रीमान अधिशाषी अभियन्ता (पवस) अविविनिलि नसीराबाद।
4. श्रीमान लेखाधिकारी महोदय (पवस) अविविनिलि अजमेर।

10/2/2025

सहायक अभियन्ता (पवस)
अविविनिलि नसीराबाद

CHECK- LIST

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

General Information:

1.	Name and Address of the Applicant/Agency	Manish Dutta (AEN AVVNL Nasirabad) Near Bus Stand Nasirabad 305601
2.	National Highway No.	NH – 48
3.	State	Rajasthan
4.	Location	NH-48 RICCO Area Srinagar
5.	Chainage in km	15+700
6.	Length in m	60 meter
7.	Width of available ROW in both side	30 mtr (each side from the centre of NH) (total 60 mtr)
8.	Side of National Highway (left or right side of NH towards increasing chainage/Km direction)	Both sides
9.	Name of Highway Authority of NHAI/PWD/BRO	National Highway Authority of India (NHAI)
10.	Highway Administration address	National Highways Authority of India, F-120, Janpath, Shyam Nagar, Jaipur

कनिष्ठ अभियन्ता (प व सं)
अ० वि० वि० नि०लि०, श्रीनगर

Assistant Engineer (O&M)
A.V.V.N.Ltd.. Nasirabad

LN MALVIYA INFRA TS PVT. LTD. NH-79 RAJ.

Sr.No.	Item	*Measurement.* Observations as per site conditions	MORTH Norms	*Whether complying with MONTH norms*
1	Details of already laid utility service, if any	NA	NA	
2	Whether up gradation of the stretch in near future is proposed or not	NA	NA	
	(a) If yes, provision of utility adversely affects the plan of up-gradation	NA	NA	
3	**Laying of the utility service along the National Highways.**	NA	NA	
3.1.	Location of proposed utility service along the stretch	RICCO Area Srinagar	Under Ground Cable laying	
3.2	Depth of top of utility service from ground level	NA	NA	
3.3	Mechanism for crossing water channel	NA	NA	
3.4	Whether ROW is restricted in this stretch?	NA	NA	
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	NA	NA	
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts	NA	NA	
4	**Laying of utility services across the NH**			
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	NA	NA	
4.2	Proposed crossing of utility service	11 kv Under Ground Cable	11 kv Under Ground Cable	
4.3	Type of casing pipe/conduit carrying the utility line.	Under Ground Cable Through Vermeer (5 inch GI Pipe)	Under Ground Cable Through Vermeer	
4.4	Whether ends of the casing/conduit pipe are sealed from the outside	NA	NA	

कनिष्ठ अभियन्ता (प व सं)
अ० वि० वि० नि०लि०, श्रीनगर

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

LN MALVIYA INFRA PROJECTS PVT. LTD. NH-79 RAJ.

4.5	Length of casing/conduit pipe crossing NH.	UG XLPE Cable ~~No~~ casing or conduit	UG XLPE Cable ~~No~~ casing or conduit	
4.6	Depth of top of the casing/conduit pipe.	NA	NA	
4.7	Crossing method in case of CC pavement	NA	NA	
4.8	Horizontal and vertical clearances in case utilities are allowed overhead.	Under Ground Cable Crossing	Under Ground Cable Crossing	
5	Document/Drawings enclosed with the proposal	Enclosed	Enclosed	
5.1	Cross-Section showing the size of trench for open trenching method			
	(a) Trench width	NA	NA	
	(b) Filling of trench	NA	NA	
	(c) Location of trench	NA	NA	
5.2	Cross section showing the size of pit and location of conduit for HDD method	NA	NA	
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, intersection, cross drainage works etc.	Enclosed	Enclosed	
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility	Enclosed	Enclosed	
6	Methodology for laying of utility line	Through Vermeer	Through Vermeer	
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 singed by two witnesses.	Enclosed	Enclosed	

कनिष्ठ अभियन्ता (प व सं)
अ० वि० वि० नि०लि०, श्रीनगर

Assistant Engineer (O&M)
A.V.V.N.Ltd.. Nasirabad

L.N. MALVIYA INFRA PROJECTS PVT. LTD. NH-79 RAJ.

8	License fees in Favour of MoRTH RPAO Jaipur	Calculation sheet is enclosed	Calculation sheet is enclosed	
9	Whether Bank Guarantee has been obtained			
	(a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines	RW/NH-33044/29/2015/S&(R) dated 22.11.2016	RW/NH-33044/29/2015/S&(R) dated 22.11.2016	
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 lying 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 directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety	Enclosed	Enclosed	

कनिष्ठ अभियन्ता (प व सं)
अ० वि० वि० नि०लि०, श्रीनगर

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

LN MALVIYA INFRA PROJECTS PVT LTD. NH-79 RAJ.

	Direction, State/Central Pollution Control Board and any other statutory Clearance applicable, before applying to Highway Administration			

The Right of the Way (ROW) of the National Highway Available at the proposed location from the centre line of divided carriageway is .....(from centre 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.

(Name Designation and Signature of The authorized representative of Applicant)

(Name Designation and signature of concerned field authority of NHAI/PWD/BRO)

कनिष्ठ अभियन्ता (ग ख सं)
अ० वि० वि० नि०लि०, श्रीनगर

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

L.N. MALVIYA INFRA PROJECTS PVT. LTD. ★ NH-79 RAJ.

Methodology

Sub: Permission for laying of 11 KV UG XLPE 3Cx185 Sqmm cable through Vermeer at Chainage 272+500 Km in Village - Srinagar, Tehsil - Nasirabad, District - Ajmer in the State of Rajasthan - Reg.

Installation of Ducts by Trench less Technique

For the process of crossing by trench less technique, excavation of only 2 pits each of standard size 1.5X0.5X1.65M is required which is called Entry pit and exit pit. Pit size may vary based on the site condition. Both entry and exit will be excavated outside of the NH-ROW. The first stage drills a pilot hole on the designed path, and the second stage (reaming) enlarges the hole by passing a larger cutting tool known as the reamer. The reamer's diameter depends on the size of the duct to be pulled back through the bore hole. The driller increases the diameter according to the outer diameter or the conduit and to achieve optimal production. The third stage places the Duct in the enlarged hole by way of the drill stem. It is pulled behind the reamer to allow cantering of the Duct in the newly reamed path. Pit size may vary based on site condition. Entry and exit pits shall be dug at both ends of the segment which shall later on become either a location for man-hole/hand-hole. The drilled hole profile between entry and exit pits (except transition areas) shall be as straight as possible.

कनिष्ठ अभियन्ता (प व स)
अ०वि०वि०नि०लि० ग्रामीण

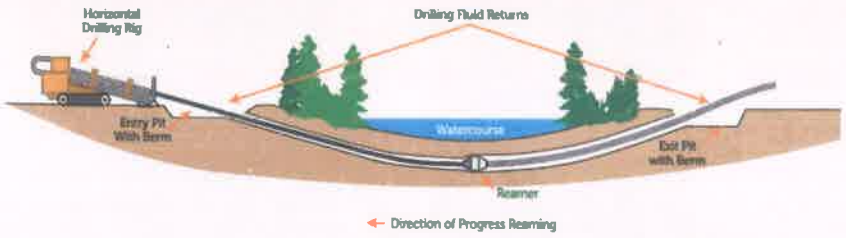
सहायक अभियन्ता (पवस)
अ.वि.वि.नि.लि., श्रीनगर

Stage 1: Pilot Hole Directional Drilling

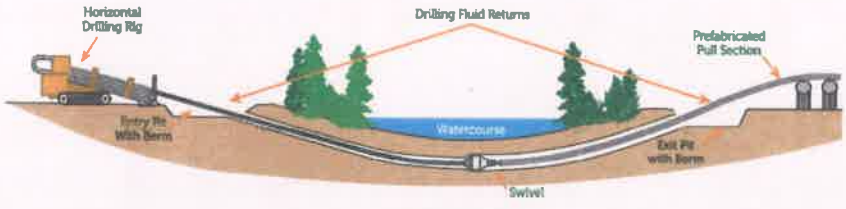
Profiles
(Not to Scale)

Direction of Pilot Hole Drilling →

Stage 2: Reaming and Pulling Back



← Direction of Progress Reaming



← Direction of Pull Back

कनिष्ठ अभियन्ता (प व स)
अ०वि०वि०नि०लि० ग्रामीण

सहायक अभियन्ता (पवस)
अ.वि.वि.नि.लि., श्रीनगर

Fee Calculation Sheet

Subj: Permission for laying of 11 KV UG XLPE 3Cx185 Sqmm cable through Vermeer at Chainage 272+500 Km on NH-48 in Village - Srinagar, Tehsil - Nasirabad, District - Ajmer in the State of Rajasthan - Reg.

Performance Security		
1	**For Crossing National Highway**	
	No. of crossings =	2
	Amount per crossing =	1,00,000.00
	Amount No. of crossings X Rs. 1,00,000 =	2,00,000.00
2	**For the length of the Utility**	
	Width of Utility (m) =	0.125
	Length of Utility (m) =	120.000
	Amount per meter in Rs. (For width < 300 mm) =	100.00
	Amount in Rs. (Length X Rate) =	12,000.00

Total Performance Security Amount (Rs.) = 2,12,000.00

License Fee		
1	Length of land consumed (m) =	60.000
	Width of land consumed (m) =	0.350
	Area of land consumed (sqm)=	21.000
	DLC Rate of the land consumed (Rs.) =	11,000.00
	Amount (Rs.) = DLC Rate*Land Consumed*1.5% =	3,465.00
	Subject to minimum of Rs. 10,000.00/-	10,000.00
2	Amount in 1st year =	10,000.00
	Amount in 2nd year =	10,600.00
	Amount in 3rd year =	11,236.00
	Amount in 4th year =	11,910.00
	Amount in 5th year =	12,625.00

Total License Fee Amount (Rs.) = 56,371.00

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ई-पंजीयन
पंजीयन एवं मूल्यांकन की ऑनलाइन एकीकृत प्रणाली

सत्यमेव जयते

पंजीयन एवं मुद्रांक विभाग, राजस्थान सरकार
Registration & Stamps Department,
Govt. of Rajasthan

DLC Rates

District Name :- AJMER

SRO Name :- SRINAGAR

Village Name :- SRINAGAR-Srinagar

Area :- Rural

Colony Name :- All

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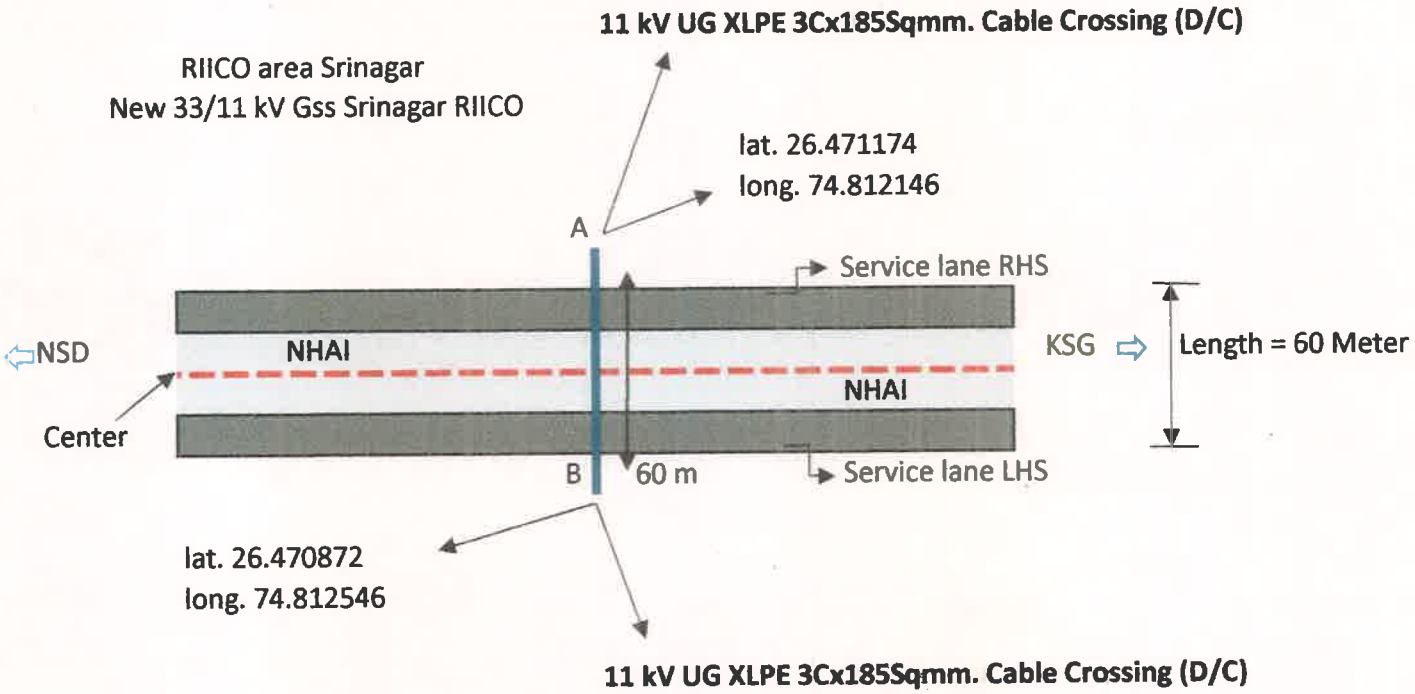
SRO Name	Village	Colony	Type Of Land	Exterior	Interior	Unit	Plot Wise Rate	Previous DLC
SRINAGAR	Srinagar	Commercial	Commercial	9935	-	Sq Mtr	Select	Select
		Commercial-NH/SH/MH/Other 0 to 100 meter	Commercial	11000	-	Sq Mtr	Select	Select
		Commercial-NH/SH/MH/Other above 101 to 200 meter	Commercial	11000	-	Sq Mtr		Select
		Commercial-NH/SH/MH/Other above 201 to 500 meter	Commercial	11000	-	Sq Mtr		Select
		Irrigated	Agriculture	1070000	-	Hectare		Select
		Irrigated-NH/SH/MH/Other 0 to 100 meter	Agriculture	4292000	-	Hectare		Select
		Irrigated-NH/SH/MH/Other above 101 to 200 meter	Agriculture	3934000	-	Hectare		Select
		Irrigated-NH/SH/MH/Other above 201 to 500 meter	Agriculture	3577000	-	Hectare		Select
		Non-Irrigated	Agriculture	669000	-	Hectare		Select
		Non-Irrigated-NH/SH/MH/Other 0 to 100 meter	Agriculture	4292000	-	Hectare		Select
		Non-Irrigated-NH/SH/MH/Other above 101 to 200 meter	Agriculture	3934000	-	Hectare		Select
		Non-Irrigated-NH/SH/MH/Other above 201 to 500 meter	Agriculture	3577000	-	Hectare		Select
		Residential	Residential	3330	-	Sq Mtr		Select

AJMER VIDYUT VITRAN NIGAM LIMITED NASIRABAD

KISHANGARH- GULABPURA TOLLWAY LTD. (NH-48) at Chainage- 272+500

Layout Plan for Under groung cable crossing (D/C)

Crossing chainage - 272+500 (RHS to LHS)
Srinagar (raj)



NHAI Cable Crossing Total Length = 60 meter (From point A to B)
(From Center 30 Meter each Side)

L.N. MALVIYA INFRA PROJECTS PVT. LTD. NH-79 RAJ.

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Application Details [20250209/1/11/35683/14467]	
Highway	NH48 [NH48]
Name of Highway Authority	**NHAI** Dwarka New delhi
Highway Administration Address	**RO-Gandhinagar** RO-Gandhinagar
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	AJMER VIDYUT VITRAN NIGAM LIMITED Address: ASSISTANT ENGINEER AVVNL NASIRABAD AJMER, AJMER (RAJASTHAN), PIN: 305601 Phn: 9413391624 Email: ajm.aen.21.1@gmail.com
Application Category	Public Utility
Utility	Other Power Cable
State	RAJASTHAN
Type	New
Remarks	Laying 11 kV UG XLPE Cable 3x185 Sqmm.
Submitted On	

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Details		
1. Length in Meters *		60
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		30
II. Right side from center line towards increasing chainage OR km direction *		30
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		40
II. Right side from center line towards increasing chainage OR km direction *		40
4. Proposal to acquire the land		
I. Left side from center line *		N/A
II. Right side from center line *		N/A
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 *		N/A
7. Number of Existing lanes *		6 Lane
8. Proposed number of lanes *		6 Lane
9. Service road Exists *		Yes
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

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12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *		UNDER GROUND CABLE
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 *		N/A
I. Whether the existing drainage structures are allowed to carry utility pipeline. *		N/A
II. Is it on a line normal to NH? *		No
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~~ 137.00
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. *		N/A
V. Ends of the casing/conduit pipe shall be sealed from outside, so that is 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 *		N/A

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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 of dense bituminous concrete type. *		UG XLPE CABLE THROUGH VERNEER
14. Whether the proposal satisfies the following:		
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. *		N/A
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

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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) *		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. *		YES
IV. Methodology of laying of the Utility Pipeline/OFC *		UG XLPE THROUGH VERNEER
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 yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *		N/A

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

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

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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 not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development		
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *		MANISH DUTTA (AEN O&M AVVNL NASIRABAD)
20. The Power of Attorney is in favour of authorized signatory? *		Yes

Locations

Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	RAJASTHAN	AJMER	NH48 [NH48] (0.00-300.00) From Km: 272 To Km: 272.5	Chainage Point: 272 Lat: 26.471 Lng: 74.812	Chainage Point: 272 Lat: 26.740 Lng: 74.812	View

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Documents

Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	View
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	10885.05	

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16/4/2015
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OFFICE OF THE ZONAL CHIEF ENGINEER (A/Z)
AJMER VIDYUT VITRAN NIGAM LTD., AJMER

No. AVVNL /ZCE / (A/Z) /AJM/ Sec- I / Sanction/ D.[illegible] Dated: [illegible]

The Superintending Engineer (ADC)
AVVNL,
Ajmer

Sub:- Technical sanction of 33 KV works for erection of new 33/11 KV GSS at RIICO Shrinagar under AEN(O&M), AVVNL, Nasirabad.

Ref:- 1. Your office Note sheet No. D. 3314 dt. 10/10/2022.
2. Letter No. D. 679 Dated 07.07.2023 received from Superintending Engineer (Plan), AVVNL, Ajmer

As recommended by you the Technical Sanction under D.O. Item no.1(a) is hereby accorded for following 33 KV works for erection of new 33/11 KV GSS at RIICO Shrinagar under AEN(O&M), AVVNL, Nasirabad.

1.Construction of 33/11 KV Line GSS – 2x5 MVA
2.Construction of 33 KV line – 3.4 KM

The Administrative approval of the Chairman Discoms, Ajmer Discom has already been conveyed by the Superintending Engineer (Plan), AVVNL, Ajmer vide letter No. D.679 dated 07.07.2023.

These work shall be included in ST Programme 2023-24 under "Normal Development Works" subject to budget provision as per latest S.I.R. Nigam Rules.

(Er. M.C. Baldi)
Zonal Chief Engineer (A/Z)
AVVNL, Ajmer

Copy to the following for information & necessary action :-
1. The Superintending Engineer (Plan), AVVNL, Ajmer.
2. The Executive Engineer (O&V), AVVNL, Nasirabad.
3. The Account Officer (ADC), AVVNL, Ajmer.
4. The Assistant Engineer (O&M),AVVNL, Nasirabad.

Zonal Chief Engineer (A/Z)

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CENTRAL ELECTRICITY AUTHORITY

NOTIFICATION

New Delhi, the 8th June, 2023

No. CEA-PS-16/1/2021-CEI Division.—Whereas the draft of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2022 was published in six newspaper dailies, as required by sub-section (3) of section 177 of the Electricity Act, 2003 (36 of 2003) read with sub-rule (2) of rule 3 of the Electricity (Procedure for Previous Publication) Rules, 2005 for inviting objections and suggestions from all persons likely to be affected thereby, before the expiry of the period of forty-five days, from the date on which the copies of the newspaper containing the said draft regulations were made available to the public;

And whereas copies of the said newspapers containing the public notices and the said draft regulations on the website of the Central Electricity Authority were made available to the public on 14th June, 2022;

And whereas the objections and suggestions received from the public on the said draft regulations were considered by the Central Electricity Authority;

Now, therefore, in exercise of the powers conferred by clause (b) of sub-section (2) of section 177 and read with section 53 of the Electricity Act, 2003, and in suppression of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, except as respects things done or omitted to be done before such suppressions, the Central Electricity Authority hereby makes the following regulations, namely: –

Chapter I

Preliminary

1. **Short title and Commencement.** – (1) These regulations may be called the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023.

(2) These regulations shall come into force on the date of publication in the Official Gazette.

(3) **Scope and extent of application.** – These regulations shall be applicable to electrical installation including electrical plant and electric line, and the person engaged in the generation or transmission or distribution or trading or supply or use of electricity.

2. **Definitions.** – (1) In these regulations, unless the context otherwise requires,

(a) "Act" means the Electricity Act, 2003 (36 of 2003);

(b) "accessible" means within physical reach without the use of any appliance or special effort;

(c) "aerial bunched cable" means polyethylene or cross linked polyethylene insulated cable having three or four cores with aluminium conductors twisted over a central bare or insulated aluminium alloy or steel messenger wire;

(d) "apparatus" means electrical apparatus and includes all machines, fittings, accessories and appliances in which conductors are used;

(e) "bare" means not covered with insulating materials;

(f) "bonding conductor" means the inter connecting conductors for the purpose of equipotential bonding with the main earth;

(g) "cable" means a length of insulated single conductor, solid or stranded, or two or more such conductors each provided with its own insulation, which are laid up together;

(h) "chartered electrical safety engineer" means a person authorised by the Appropriate Government as referred in regulation 6;

(i) "circuit" means an arrangement of conductor or conductors for conveying electricity and forming a system or a branch of a system and protected at the origin;

(j) "circuit breaker" means a mechanical switching device, capable of making, carrying and breaking currents under normal circuit conditions and also making, carrying for a specified duration and breaking currents under specified abnormal circuit condition;

(k) "concentric cable" means a composite cable comprising an inner conductor which is insulated and one or more outer conductors which are insulated from one another and are disposed over the insulation of, and more or less around, the inner conductor;

(l) "conductor" means any wire, cable, bar, tube, rail or plate used for conducting electricity;

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(m) "conduit" means rigid or flexible metallic tubing or mechanically strong and fire resisting non-metallic tubing into which a cable or cables may be drawn for the purpose of affording it for mechanical protection;

(n) "connected load" means the sum of the ratings in kilowatt or kilovolt-ampere of the apparatus connected to the installation of the consumer which may be connected simultaneously to the source;

(o) "contact potential" means electric potential difference across the junction of two different objects in the absence of electric current;

(p) "covered with insulating material" means adequately covered with insulating material of such quality and thickness as to prevent danger;

(q) "cut out" means any device for automatically interrupting the flow of electricity through the conductor when the current increases above a pre-determined value, and shall also include fusible cut-out;

(r) "danger" means risk to health or life or any part of body from electric shock, burn or other injuries to person, or property, or from fire or explosion, attendant upon the generation, transmission, transformation, conversion, distribution or use of electricity;

(s) "dead" means at or about earth potential and disconnected from any live system and is used only with reference to current carrying parts when these parts are not live;

(t) "designated person" means a person whose name appears in the record maintained under sub-regulation (2) of regulation 3 by the supplier or consumer, or the owner, agent or manager of all electrical installations including mine, or the agent of any company operating in an oil-field or the owner of a drilled well in an oil-field or a contractor;

(u) "earthing" means connection of the exposed conductive and extraneous parts of an installation to the main earthing terminal of that installation or connection of neutral of transformer or generator or equipment to general mass of earth or earth bonded bar of that installation;

(v) "earthing arrangement or earthing system" means all the electric connections and devices involved in the earthing of a system, an installation or equipment;

(w) "electric vehicle" means any vehicle propelled, partly or wholly, by an electric motor drawing current from a rechargeable storage battery, or other portable energy storage devices or other self-generating electric source;

(x) "electric vehicle supply equipment" means an element in electric vehicle charging infrastructure that supplies electric energy for recharging the battery of electric vehicles;

(y) "enclosed substation" means any premises or enclosure or part thereof, being large enough to enable the entry of a person after the apparatus therein is in position, containing apparatus for transforming or converting electricity to or from a voltage at or exceeding six hundred fifty volt (other than transforming or converting solely for the operation of switch gear or instruments) with or without any other apparatus for switching, controlling or otherwise regulating the electricity, and includes the apparatus therein;

(z) "enclosed switching station" means any premises or enclosure or part thereof, being large enough to enable the entry of a person, after the apparatus therein is in position, containing apparatus for switching, controlling or otherwise regulating electricity at or exceeding six hundred fifty volt but not for transforming or converting electricity (other than for transforming or converting solely for the operation of switchgear or instruments) and includes the apparatus therein;

(za) "equipotential bonding" means an electrical connection putting various exposed conductive parts and extraneous conductive parts at a substantially equal potential;

(zb) "exposed conductive part" means a conductive part which can readily be touched and which is not normally live, but which may become live under fault conditions;

(zc) "extraneous conductive part" means a conductive part not forming part of the electrical installation and liable to introduce an electric potential, generally the electric potential of a local earth;

(zd) "flameproof enclosure" means an enclosure in which the parts which can ignite an explosive atmosphere are placed and which can withstand the pressure developed during an internal explosion of an explosive mixture and which prevents the spread of explosion to the explosive atmosphere surrounding the enclosure;

(ze) "flexible cable" means a cable consisting of one or more cores each formed of a group of wires, the diameter and the physical properties of the wires and insulating material are to allow flexibility;

(zf) "guarded" means covered, shielded, fenced or otherwise protected by means of suitable casings, barrier,

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Explanation. – For the purposes of this regulation "shock proof", as applied to X-ray and high-frequency equipment, shall mean that such equipment is guarded with earthed metal so that no person may come into contact with any live part.

(2) In the case of nonshock proof equipment.-

(i) the overhead conductors of voltage exceeding 650 V but not exceeding 33 kV, unless suitably guarded against personal contact, shall be adequately spaced and high voltage leads on tilting tables and fluoroscopes shall be adequately insulated or so surrounded by barriers as to prevent inadvertent contact;

(ii) the circuit of voltage not exceeding 250 V of the step up transformer shall contain a manually operated control device having overload protection, in addition to the over current device for circuit protection, and these devices shall have no exposed live parts and for diagnostic work there shall be an additional switch in the said circuit, which shall be of one of the following types:-

(a) a switch with a spring or other mechanism that will open automatically except while held close by the operator; or

(b) a time switch which will open automatically after a definite period of time for which it has been set;

(iii) if more than one piece of apparatus be operated from the same source of voltage exceeding 650 V, each shall be provided with a switch of voltage exceeding 650 V to give independent control;

(iv) low frequency current-carrying parts of a machine of the quenched-gap or open gap type shall be so insulated or guarded that they cannot be touched during operation but the high frequency circuit-proper which delivers high-frequency current normally for the therapeutic purposes shall be exempt from such insulation;

(v) all X-ray generators having capacitors shall have suitable means for discharging the capacitors manually; and

(vi) except in the case of self-contained units, all 200 kV peak or higher X-ray generators shall have a sphere gap installed in the system of voltage exceeding 650 V but not exceeding 33 kV adjusted so that it will break down on over voltage surges.

(3) (i) all non-current carrying metal parts of tube stands, fluoroscopes and other apparatus shall be properly earthed and insulating floors, mats or platforms shall be provided for operators in proximity to parts of voltage exceeding 650 V unless such parts have been rendered shock proof; and

(ii) where short wave therapy machines are used, the treatment tables and examining chairs shall be wholly non-metallic.

(4) The owner of any X-ray installation or similar high frequency apparatus shall not bring the same into use without giving to the Electrical Inspector not less than fourteen days' notice in writing of his intention to do so:

Provided that the aforesaid notice shall not be necessary in the case of shock-proof portable X-ray and high-frequency equipment which have been inspected before the commencement of their use and periodically thereafter.

Chapter VII

Safety requirements for overhead lines and underground cables

57. Material and strength. – (1) All conductors of overhead lines other than those provided in regulation 70 shall have a breaking strength of not less than 350 kgf.

(2) Where the voltage does not exceed 250 V and the span is less than fifteen metre and is drawn through the owner's or consumer's premises, a conductor having an actual breaking strength of not less than 150 kgf may be used.

58. Joints. – (1) No conductor or earthwire of an overhead line shall have more than one joint in a span:

Provided that there shall be no joints in the conductor or earthwire in a span of crossing over the highways, expressways and railway lines.

(2) The joint between conductors or earthwires of overhead lines shall be mechanically and electrically secured

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under the conditions of operation and the ultimate strength and the electrical conductivity of the joint shall be as per relevant standards.

59. Maximum stresses and factors of safety. – (1) The load and permissible stresses on the structural members, conductors and earth wire of self supporting steel lattice towers or steel monopole towers for overhead transmission lines shall be as per relevant standards.

(2) Overhead lines not covered in sub-regulation (1) shall have the minimum factors of safety as per the table given below:-

Description	Minimum factor of safety
metal supports	1.5
mechanically processed concrete supports	2.0
hand-moulded concrete supports	2.5
wood supports	3.0

(3) The minimum factor of safety shall be based on such load as may cause failure of the support to perform its function, assuming that the foundation and other components of the structure are intact.

(4) The load shall be equivalent to the yield point stress or the modulus of rupture, as the case may be, for supports subject to bending and vertical loads and the crippling load for supports used as strut.

(5) The strength of the supports of the overhead lines in the direction of the line shall not be less than one-fourth of the strength required in the direction transverse to the line.

(6) The minimum factor of safety for stay-wires, guard-wires or bearer-wires shall be 2.5 based on the ultimate tensile strength of the wire.

(7) The tension limit for conductor and earth wire shall be as per relevant standards.

(8) For the purpose of calculating the factors of safety in sub-regulation (2), the following conditions shall be observed, namely: –

(i) the maximum wind pressure shall be as specified in the relevant standards;

(ii) for cylindrical bodies the effective area shall be taken as full projected area exposed to wind pressure; and

(iii) the maximum and minimum temperatures shall be as specified in the relevant standards.

(9) Notwithstanding anything contained in sub-regulation (2) to (8), in localities where overhead lines are likely to accumulate ice or snow, the load and permissible stresses on the structural members, conductors and earth wire of self supporting steel lattice towers and steel monopole towers for overhead transmission lines shall be as per relevant standards and in accordance with the specifications laid down, from time to time, by the Appropriate Government by order in writing.

60. Clearance in air of the lowest conductor of overhead lines. – (1) The minimum clearance above ground and across road surface of National Highway or Expressway or State Highway or other road or highest traction conductor of railway corridor or navigational or non-navigational river of the lowest conductor of an alternating current overhead line, including service lines, of nominal voltage shall have the values specified in Schedule VIII A.

(2) The minimum clearances regarding high voltage direct current line shall be as per Schedule VIII B.

(3) In case of Electric lines of 33 kV and below passing through the protected areas (National Parks, Wildlife Sanctuaries, Conservation Reserves, Community Reserves), Eco-sensitive zones around the protected areas and Wildlife Corridors, only underground cable shall be used.

(4) No tower footing or structure of an overhead line of voltage 33 kV or above or high voltage direct current, shall be closer than twenty five metre from the edge of the right of way of a Petroleum or Natural Gas pipeline.

(5) Wherever overhead line of voltage 33 kV or above or high voltage direct current intending to cross the right of way of a Petroleum or Natural Gas pipeline, the angle of crossing of the overhead line with respect to the pipelines shall preferably be at right angles and, in any case, the crossing angle shall not be less than seventy five degrees.

61. Clearance between conductors and trolley wires. – (1) No conductor of an overhead line crossing a tramway or trolley bus route using trolley wires shall have less than the following clearances above any trolley wire, namely: –

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(ii) for lines of voltages exceeding 11kV and up to and including 33 kV - 2.0 metre;

(iii) for lines of voltages exceeding 33 kV - 2.0 metre plus 0.3 metre for every additional 33 kV or part thereof.

(4) For high voltage direct current systems, the vertical and horizontal clearances, on the basis of maximum deflection due to wind pressure, from buildings shall be maintained as below:

Sl. No.	High Voltage Direct Current	Vertical Clearance (metre)	Horizontal Clearance (metre)
1.	100 kV	4.6	2.9
2.	200 kV	5.8	4.1
3.	300 kV	7.0	5.3
4.	400 kV	7.9	6.2
5.	500 kV	9.1	7.4
6.	600 kV	10.3	8.6
7.	800 kV	12.4	10.7

(5) The vertical and horizontal clearances shall be as measured as illustrated in Schedule VIII C.

Explanation. – For the purposes of this regulation, the expression "building" shall be deemed to include any structure, whether permanent or temporary.

64. Conductors at different voltages on same supports. – Where conductors of different voltages are laid on the same supports, the owner shall make adequate provision to guard against danger to linemen and others, from the lower voltage system being charged above its nominal voltage, by leakage from or contact with the higher voltage and the methods of construction and the applicable minimum clearances between the conductors of the two systems shall be as provided in regulation 71.

65. Erection or alteration of buildings, structures, flood banks and elevation of roads. – (1) If at any time subsequent to the erection of an overhead line, whether covered with insulating material or not or underground cable, any person proposes to erect a new building or structure or flood bank or to raise any road level or to carry out any other type of work whether permanent or temporary or to make in or upon any building, or structure or flood bank or road, any permanent or temporary addition or alteration, such person and the contractor whom he employs to carry out the erection, addition or alteration, shall give intimation in writing of his intention to do so, to the supplier or owner and to the Electrical Inspector and shall furnish therewith a scale drawing showing the proposed building, structure, flood bank, road or any addition or alteration and scaffolding thereof required during the construction.

(2) On receipt of such intimation, the supplier or owner shall examine,-

(a) whether the overhead line or underground cable under reference was laid in accordance with the provisions of these regulations and any other law for the time being in force;

(b) whether it is technically feasible;

(c) whether it meets the requirement of right of way; and

(d) whether such person was liable to pay the cost of alteration of the overhead line or underground cable and if so, issue a notice within a period of thirty days to such person together with an estimate of the cost of the expenditure likely to be incurred to alter the overhead line or underground cable and require him to deposit, within thirty days of the receipt of the notice, with the supplier or owner, the amount of the estimated cost.

(3) If such person disputes the cost of alteration of the overhead line or underground cable estimated by the supplier or owner or even the responsibility to pay such cost, the dispute may be referred to the Electrical Inspector who shall after hearing both parties decide upon the issue in accordance with sub-regulation (4).

(4) The Electrical Inspector shall estimate the cost of alteration of overhead line or underground cable on the following basis, namely: –

(a) the cost of material used for the alteration after accounting for the depreciated cost of the material of the

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earth wire and securely fastened to each pole and connected with the earth at each support and the metallic fittings attached thereto shall also be permanently and effectively earthed;

(b) metal cross arms and insulator pins for Plain Cement Concrete and Pre-Stressed Cement Concrete poles shall be bonded together and normally earthed at every pole;

(c) for locations involving railways, electric line crossings and special structures, pipe or rod type earthing shall be provided;

(d) all steel poles on which switches, transformers, fuses are mounted shall be earthed;

(e) for poles of the electric lines below 650 V guarding arrangement with continuous earth wire or messenger wire in case of aerial bunched cable shall be provided and shall be connected to earth at three equidistant points in every km; and

(f) each stay-wire shall be similarly earthed unless insulator of same voltage class as that of line has been placed in it at a height not less than three metre from the ground and shall be provided with insulated tube up to three metre height from the ground.

(2) For 66 kV and above voltage class overhead line, earthing and requirement of earth wire shall be as per the regulations notified by the Authority under clause (e) of sub-section (2) of section 177 of the Act.

75. **Anti-climbing devices.** – The owner of every overhead line of voltage exceeding 650 V shall make adequate arrangements as per relevant standards to prevent unauthorised persons from climbing any of the supports of such overhead lines which can be easily climbed upon without the help of a ladder or special appliances:

Provided that the barbed wires conforming to relavant standards for a vertical distance of 30 to 40 cm, at a height of 3.5 metre to 4 metre from ground level or clamps with protruding spikes at a height of 3 to 4 metre shall be provided on each pole or tower of 11 kV line and above.

Explanation. – For the purposes of this regulation, rails, reinforced cement concrete poles and pre-stressed cement concrete poles without steps, tubular poles, wooden supports without steps, I-sections and channels shall be deemed as supports which cannot be easily climbed upon.

76. **Safety and protective devices.** – (1) Every overhead line which is not being suspended from a dead bearer wire, not being covered with insulating material and not being a trolley-wire, is laid over any part of a street or other public place or in any factory or mine or on any consumer's premises shall be protected with earth guarding for rendering the line electrically harmless in case its conductor breaks.

(2) An Electrical Inspector may, by notice in writing, require the owner of any such overhead line, wherever it may be laid, to protect it in the manner specified in sub-regulation (1) of this regulation.

(3) To prevent bird dropping on the suspension insulator strings, suitable bird guards as per relevant standards, shall be provided on cross arms of suspension tower or suspension pole structures, over the suspension insulator strings.

77. **Protection against lightning.** – (1) The owner of every overhead line, substation or generating station which is exposed to lightning shall adopt means as per relevant standards for diverting electrical surges to the earth due to lightning which may result into injuries.

(2) The earthing lead for any lightning arrester shall be as short as possible and shall not pass through any iron or steel pipe, but shall be taken as directly as possible from the lightning arrester without touching any metal part to a separate vertical earth electrode or junction of the earth mat already provided for the substation of voltage exceeding 650 V subject to the avoidance of bends wherever practicable:

Provided that a vertical earth electrode shall be connected to the junction of the earth mat.

78. **Unused overhead lines.** – Where an overhead line ceases to be used as an electric supply line, namely: –

(i) the owner shall maintain it in a safe mechanical condition in accordance with regulation 59 or remove it; and

(ii) the Electrical Inspector shall, by a notice in writing served on the owner, require him to maintain it in a safe mechanical condition or to remove it within thirty days of the receipt of the notice.

79. **Laying of cables.** – (1) No underground power cable of voltage level up to 33 kV shall be laid without a minimum underground depth from ground surface to top of the cable as per relevant standards:

Provided that the underground power cable meant for use exceeding 33 kV shall be laid with a minimum underground depth of 1.2 metre.

(2) No underground telecommunication cable shall be laid without a minimum separation distance of 0.3 metre

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(Signature and name of Manager/Executive Engineer/ Incharge of the installation)

Contact details (Address /Mobile No./Phone No./Email)

To,

The Secretary

Central Electricity Authority

Sewa Bhawan, R.K. Puram

New Delhi-110066

Schedule VIII A

Minimum clearance in air above ground and across road surface of Highways or roads or railway corridors or navigational or non-navigational rivers for lowest conductor of an alternating current overhead lines, including service lines of nominal voltage system.

[See sub-regulation (1) of regulation (60)]

Nominal voltage of system	Clearance above ground			Clearance between conductor and road surface across Highway (m)	Clearance between conductor and rail level across Railway Corridor (m)		Clearance above HFL for River crossing	
	Across Street (m)	Along Street (m)	Elsewhere (m)		Normal OHE (where no double stack containers are to be run on railway tracks.)	High rise OHE for running of double stack containers on railway tracks.	Navigational river (m)	Non-navigatiional river (m)
Up to 650 V	5.80	5.50	4.60	U/G Cable	U/G Cable	U/G Cable	16.50	5.80
11 kV	6.50	5.80	4.60	U/G Cable	U/G Cable	U/G Cable	19.00	6.50
22 kV	6.50	5.80	5.20	U/G Cable	U/G Cable	U/G Cable	19.00	6.50
33 kV	6.50	5.80	5.20	11.60 or U/G Cable	U/G Cable	U/G Cable	19.00	6.50
66 kV	6.50	6.10	5.50	11.60 or U/G Cable	U/G Cable	U/G Cable	19.00	6.50
110 kV	6.50	6.10	6.10	11.60	15.56	17.56	19.00	6.50
132 kV	6.50	6.10	6.10	11.60	15.56	17.56	19.22	6.50
220 kV	7.02	7.02	7.02	12.52	16.46	18.46	20.10	7.02
400 kV	8.84	8.84	8.84	14.00	18.26	20.26	21.90	8.84
765 kV	18.00*	18.00*	18.00*	18.80	21.86	23.86	25.55	18.00
1200 kV	24.00*	24.00*	24.00*	30.00	25.46	27.46	29.90	24.00

For navigable rivers, clearances shall be fixed in relation to the tallest mast in consultation with the concerned navigational/port authorities.

* Higher clearance due to predominantly induction effects and time varying electric field (ICNIRP limit: 10kV/m for occupational exposure) at voltage exceeding 400 kV.

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AJMER VIDYUT VITRAN NIGAM LIMITED

Corporate Identification Number (CIN)- U40109RJ2000SGC016482
Regd. Off. Vidyut Bhawan, Panchsheel Nagar, Makadwali Road, Ajmer-305004
Phone:- 0145-2644519, Fax:- 0145-2644518
email:- secretaryavvnl@gmail.com , website:- http://energy.rajasthan.gov.in/avvnl

No. AVVNL / MD / Secy.(Admn.) / JDP/ Restructuring / D. 2361 Date : 30/09/2024

ORDER - 795

Keeping in view the approval of finance department, GoR as per ID No. 182401242 dated 18.09.2024 conveyed by Deputy Secretary, Energy. GoR vide letter No. प. 4 (54) ऊर्जा / 2024 / 02649 जयपुर दिनांक 20.09.2024 regarding creation of 01 No. new Division "Nawa" in Deedwana-Kuchaman & 05 Nos. Sub-Divisions i.e. "Srinagar" in Ajmer Circle, "Masuda-II HQ Kharwa" in Beawar Circle, "Maroth" and "Deedwana Rural" in Deedwana-Kuchaman Circle, and "Golyana" in Jhunjhunu Circle in view of Budget announcement 2024-25 of the State Govt. read with proposals submitted by respective Zonal Chief Engineers, the following new Divisions/Sub-Divisions are hereby created in Ajmer Discom with immediate effect :-

A. **Division :-**

XEN (O&M), Nawa

B. **Sub-Divisions :-**

1. AEN (O&M), Srinagar
2. AEN (O&M), Masuda-II HQ Kharwa
3. AEN (O&M), Maroth
4. AEN (Rural), Deedwana
5. AEN (O&M), Golyana

Owing to above the setup / jurisdiction of respective newly created Division shall be as under :-

Sr. No.	Name of Circle	Name of Division	Name of Sub-Divion(s) under Division
Newly Created Division :-			
1.	Deedwana-Kuchaman	XEN (O&M), Kuchaman	1. AEN (O&M), Kuchaman 2. AEN (Rural), Kuchaman 3. AEN (O&M), Chitawa
2.	Deedwana-Kuchaman	**XEN (O&M), Nawa**	1. AEN (O&M), Nawa 2. AEN (O&M), Maroth (Newly Created)

Signature valid
Digitally signed by Seema Sharma
Designation: Secretary
Date: 2024.09.30 [illegible]:39:45 IST
Reason: Approved

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RajKaj Ref No.: 10848271

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Regd. Off. Vidyut Bhawan, Panchsheel Nagar, Makadwali Road, Ajmer-305004
Phone:- 0145-2644519, Fax:- 0145-2644518
email:- secretaryavvnl@gmail.com , website:- http://energy.rajasthan.gov.in/avvnl

The respective ZCE, SE, Sr. AO & AO etc. as well as SE (IT) are hereby directed to take further needful action accordingly.

This is subject to ratification by the Board of Directors.

By Order,

(Seema Sharma)
R.A.S.
Secretary (Admn.)
AVVNL, Ajmer

Copy to the followings for information & necessary action :-

1. The CE / ACE ( ), AVVNL,_____
2. The CCAO ( ), AVVNL, Ajmer.
3. The CAO( ), AVVNL, Ajmer.
4. The Addl. SP(Vig.), AVVNL, Ajmer.
5. The Company Secretary, AVVNL, Ajmer
6. The SE ( ), AVVNL,_____
7. The TA to Chairman Sir, AVVNL, Jaipur.
8. The TA to MD/Director(Tech.), AVVNL, Ajmer / Jaipur.
9. The Sr. AO/ AO ( ), AVVNL,_____
10. The DDP/PO/APO( ), AVVNL,_____
11. The XEN/DCOS/AEN/ACOS( ), AVVNL,_____
12. The DS(Pension), AVVNL, Ajmer
13. The PS to Energy Minister GoR Jaipur.
14. The PS to ACS, Sir Energy GoR Jaipur
15. The PS to Dy. Secretary Energy GoR Jaipur
16. The PS / Addl.PS to MD / Director(Fin./Tech.), AVVNL, Ajmer.
17. MF/OO

Secretary (Admn.)

Signature valid
Digitally signed by Seema Sharma
Designation: Secretary
Date: 2024.08.30 [illegible]:39:45 IST
Reason: Approved

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RajKaj Ref No.: 10848271

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गोपनीय / बजट

राजस्थान सरकार
ऊर्जा विभाग

जयपुर, दिनांक

क्रमांकःप. 4(45)ऊर्जा / 2024

प्रबंध निदेशक,
जोधपुर / अजमेर विद्युत वितरण निगम लि0
जोधपुर / अजमेर।

विषयः–वर्ष 2024–25 के लेखानुदान की बजट घोषणा दिनांक 08.02.2024 के अनुरूप वंचित क्षेत्रो में आवश्यकतानुसार प्रशासनिक कार्यालय स्थापित करने के संबंध में।

महोदय,

उपरोक्त विषयान्तर्गत सचिव, वित्त (व्यय) विभाग, राजस्थान सरकार मय अंशाटीप पत्र क्रमांक नि.स / शा.स. / वित (व्यय) / 2024 दिनांक 25.06.2024 द्वारा अवगत कराया है कि वर्ष 2024–25 के लेखानुदान की बजट घोषणा दिनांक 08.02.2024 के अनुरूप वंचित क्षेत्रों में आवश्यकतानुसार अतिरिक्त महाविधालय, विधालय, चिकित्सालय, प्रशासनिक कार्यालय आदि स्थापित अथवा क्रमोन्नत किये जाने है। इस क्रम में प्रत्येक विधानसभा हेतु जिला स्तर से वित्त विभाग को अधिकतम 3 करोड़ रूपये तक के प्रस्ताव प्राप्त हुये है।

जिला कलक्टरों से प्राप्त प्रस्तावों में ऊर्जा विभाग से संबंधित निम्नलिखित प्रस्ताव वित्त विभाग द्वारा समुचित प्रशासनिक स्वीकृति जारी करने एवं वित्त विभाग से वांछित बजट हेतु विस्तृत प्रस्ताव वित्त विभाग को भिजवाने हेतु प्रेषित किये गये हैः–

1. स्वीकृत विद्युत विभाग अधिशाषी अभियंता कार्यालय भवन निर्माण, सिवाना, जिला बालोतरा– भवन निर्माण / बाउन्ड्रीवॉल निर्माण हेतु।
2. कार्यालय सहायक अभियंता, श्रीनगर (नसीराबाद विधानसभा, जिला अजमेर) निर्माण हेतु– भवन निर्माण हेतु।

उपरोक्त विषयान्तर्गत निर्देशानुसार लेख है कि कृपया उपरोक्त संबंध में वांछित प्रस्ताव आज ही व्यक्तिशः / अन्य किसी माध्यम से गोपनीय रूप से अधोहस्ताक्षरकर्ता को प्रेषित किये जाने का श्रम करावे।

भवदीय,

(गिरधर)
संयुक्त शासन सचिव

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A-TB-Cash)
ER-WSM)

Signature valid

AJMER VIDYUT VITRAN NIGAM LIMITED
(A Government of Rajasthan Undertaking)
Corporate Identification Number(CIN) - U40109RJ2000SGC16482
Office: VidyutBhawan, Makarwali Road, Panchsheel, Ajmer (Raj.) 305004
Website: www.avvnl.com, Email-caobudgetavvnl@gmail.com

No. AVVNL/ AJM/ CAO (ATB)/ Sr. AO (A/Cs) / 2024-25 / F. /D2323 Date 18-07-202

The Superintending Engineer (Civil),
AVVNL, Ajmer.

Sub:- Regarding establishment of administrative offices as required in the proposed budget as per budget announcement for FY 2024-25 Dt. 08.02.2024

In reference to the subject cited above, please find enclosed a letter received from O/o the Joint Secretary, Energy Dept., GoR vide letter no. 4 (45)/ Energy/ 2024 Dt. 02.07.2024 for further needful at your end.

SE(CIVIL) AVVNL/D.742 Dt. 19/7/24.

Sr. Accounts Officer (A/Cs)
AVVNL, Ajmer

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Office of the S.E.(Civil)
A.V.V.N.Ltd. AJMER
R.R.No. 803 Dt. 19/7/24
T.A./AAO/ADA SE(C)

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of _____ _____ 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.

L.N. MALVIYA INFRA PROJECTS PVT. LTD. NH-79 RAJ.

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

कनिष्ठ अभियन्ता (प.व.स.)
अ०वि०वि०नि०लि० श्रीनगर

Assistant Engineer (O&M)
A.V.V.N.Ltd.. Nasirabad

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

रु. 100

ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

राजस्थान RAJASTHAN

UNDERTAKING

BW 807841

It is to undertake that the work execution of 11Kv UG XLPE 3C X185 Sq. M. Cable laying through Vermeer at Chainage No. 272 Km. at Srinagar Riico Area.

Tehsil-Nasirabad, District-Ajmer in the state of Rajasthan being to be carried out as per enclosed profile and drawing. Following circular/ standards with the terms and condition specified by the MoRTH/NHAI are being strictly followed by the POWERGRID for execution of this work.

10.1 We undertake not to damage to other utility, if damaged then to pay the losses either to MoRTH/NHAI or to the concerned agency.

10.2 We undertake for renewal of Bank Guarantee and when asked by NHAI/MoRTH.

10.3 We undertake, for conforming standard condition of Ministry circulars and MoRTH/NHAI guidelines will be followed.

10.4 We undertake shifting of EHV line as and when required by MoRTH/NHAI at our own cos.

10.5 We undertake indemnity against all damages and claims.

10.6 We undertake traffic movement during crossing of EHV line to be managed by applicant.

10.7 We undertake that any claim is raised by the Concessionaire/ contractor then the same will be paid by the applicant.

10/2/2025

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

10.8 We undertake to obtain 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 clearances applicable before applying to highway Administrations, wherever applicable.

The overhead line shall comply with the requirements of the Indian Electricity Act and Rules made there under and the regulations or specifications as laid down by railways or railway electrification authorities, local governing bodies, defense authorities and power and telecommunications coordination committee, wherever applicable.

Further to above POWERGRID shall take all necessary safety precaution during the execution the above work without any damage to NH or its user.

Date:

Signature

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

भारतीय गैर न्यायिक

भारत INDIA

रु. 500 FIVE HUNDRED RUPEES

सत्यमेव जयते

पाँच सौ रुपये Rs. 500

INDIA NON JUDICIAL

राजस्थान RAJASTHAN 16 JAN

A 378343

AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS

Agreement to lay electrical cable from 272 to 272 + 500 Km of NH-48 land.

This Agreement made this.....day of.....(month).....of (year) between NHAI acting in his executive capacity through.....(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 AVVNL. a company registered under the Companies Act, 1956 and having its Registered Office at AJMER (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. 272 to 272 + 500 of NH No. 48 Row.

Whereas the Licensee proposes to lay Telecom cable/OFC Cable/electrical cable/pipe line/ ducts etc. referred to as utility services in subsequent pares.

Whereas the Licensee has applied to the Authority for permission to lay utility services from Km. 272 to Km. 272 + 500.

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 witnesses 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 restricted only to the extent of provision/scope of activities defined in the license agreement & for the purpose for which it is granted.

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

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 clearances, 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/ industrial infrastructure facilities.

4. The Licensee shall pay license fees @ 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 laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there 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 a 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 space are 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, drains, 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, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside 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.

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

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 be 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 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 metre 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 Specifications of the Ministry.

12. Existing drainage structures shall not be allowed to carry the lines across.

13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at lease 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-1.

14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.

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 at least 30 cm. 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 the Highway Authority.

    a. Bedding shall be to 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.

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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 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.

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 specifications 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 restore the land in to the same condition as it 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 undertaken 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 metre / Rs per sq m with a validity of one year initially (extendable if required till 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 & 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 make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee 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 a period of 11 months 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;

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A.V.V.N.Ltd., Nasirabad

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 co-ordination 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 replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/ 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 subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. 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 is 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 restoration 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 day in advance with route details prior to digging trenches,

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for 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 exist. 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 shall not undertake any work of shifting, repairs or alterations 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 indefeasible 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 geo-tagged 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 authorised representatives of Authority to inspect the Project Facilities and to investigate any

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A.V.V.N.Ltd., Nasirabad

matter within their Authority, and upon 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 approved specifications and 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 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 Indian 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 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 roads, 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 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, clearing debris, loose earth produced due to excavation of trenching at least 50m 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.

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

43. For PPP 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 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 stamped 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 Dinesh Meena

(Signature, name & address with stamp)

JEN SRT

कनिष्ठ अभियन्ता (प.व.स.)
अ०वि०वि०नि०लि० श्रीनगर

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

SIGNED ON BEHALF OF M/S AVVNL AJMER (LICENSEE)

BY SHRI Manish Dutta

(Signature, name & address with stamp)

AEN SRJ

HOLDER OF GENERAL POWER OF ATTORNEY DATED
EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO.
DATED PASSED BY HTE BOARD OF DIRECTORS IN THE MEETING HELD ON

IN THE PRESENCE OF (WITNESSES):

Assistant Engineer (O&M)
A.V.V.N.Ltd., Nasirabad

1.

2.