

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India) क्षेत्रीय कार्यालय-पश्चिम उ०प्र०, लखनऊ Regional Office - West UP, Lucknow.

3/248, विशाल खण्ड, गोमती नगर, लखनऊ-226010 (उ.प्र.) 3/248, Vishal Khand, Gomti Nagar, Lucknow-226010 (UP)

दूरभाष / Phone : 0522-4960291, टेलीफैक्स / Fax : 0522-4950680 ई-मेल / E-mail : rowestup@nhai.org, rowestup@gmail.com



Date: 30.08.2022

19001/1/RO-W-UP/NH-509/UG/DVVNL/NOC/1540

Invitation of Public Comments

Sub: Proposal for permission for crossing of 11 KV underground electrical cable by Dakshinanchal Vidhyut Vitran Nigam Limited (DVVNL), Agra by crossing the National Highway-509 at Ch.226.600, Ch.221.400, Ch.227.800, Ch.227.620, Ch.224.780, Ch.228.600, Ch.223.950, Ch.219.600 with 11 kV XLPE in District Agra in the State of Uttar Pradesh.

The Authorized Signatory M/s DVVNL, Agra has submitted the proposal for permission for crossing of 11 KV underground electrical cable by Dakshinanchal Vidhyut Vitran Nigam Limited (DVVNL), Agra by crossing the National Highway-509 at Ch.226.600, Ch.221.400, Ch.227.800, Ch.227.620, Ch.224.780, Ch.228.600, Ch.223.950, Ch.219.600 with 11 kV XLPE in District Agra in the State of Uttar Pradesh.

As per the guidelines, issued by the Ministry vide OM 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 grounds of public inconvenience, safety and general public interest).

In view of the above, comments of the public on the above application is invited 3. to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

> The Chief General Manager cum Regional Officer, National Highways Authority of India Regional Office, UP-West, Lucknow 3/248, Vishal Khand, Gomti Nagar Lucknow-226 010

This is issues with the approval of RO-West (UP). Encl: As above.

> Roopak Jain) Manager (T) For RO-West, UP

Copy to:

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.

2. The Technical Director, NIC, Transport Bhawan, New Delhi with request for uploading on the Ministry's website.

3. The Authorized Signatory, M/s DVVNL, Agra for information.

4. The PD, PIU-Agra for information.



CHECK - LIST

Guidelines for processing the proposal for laying electrical cable/HDPE Pipe accross National Highways vested with NHAI/PIU/AGRA.

Relevant Circulars

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approvel for laying of Electrical Cables/HDPE Pipe at NH-509 land.

S.No.	Item	Information/Status	Remark
1	General Information	Work under New 11 KV Feeder for Separation of Agriculture Consumer and Associated work Agra Zone (Agra District) Project	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, Fatehabad Agra Uttar Pradesh	
1.2	National Highway Number	NH 509	1
1.3	State	Uttar Pradesh	
1.4	Location	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 219.600 (NH 509)	
1.5	(Chainage in Km)	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 219.600 (NH 509)	
1.6	Length in Meters	(23 Mtr. x 2 Run) x 1 Nos. =46 Mtrs.	
1.7	Width of available ROW	The state of the s	
	(a) Left side from center line to tower towards increasing chainage/I(m direction	11.5 Mtr. From contor of road (As per drawing allaulied)	
	(b) Right side from center line to tower increasing	11.5 Mtr. From center of road (As per drawing	
1.0	chainage/Km direction	attached)	
1,8	Proposal to lay the cables (a) Left side from center line towards	IIG Flectrical cable / HDPF Pipe	
		11.5 Mtr. From center of road (As per drawing	
	increasing chainage/Km direction (b) Right side from center line towards	attached)	
	increasing chainage/Km direction	11.5 Mtr. From center of road (As per drawing	
1.9	Proposal to acquire land	attached)	
1.0	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
	If not then where to lay the cable	Crossing at main carriageway (Below Road)	
	Details of already laid services, if any, along the proposed route	NA	
	Number of existing lanes (2/4/6/8 Lanes)	2 LANE	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
	Service road existing or not	NO	
	If yes then which side	NA	
	(a) Left side from center line	3.2000	
	(b) Right side from Center line	NA	
	Proposed Service road	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to laying UG-Electrical Cable line is after the service road or between the	Crossing at main carriageway (Below Road)	
1.17	whether carrying of sewage/gas pipe line has been propsoed on highway Bridges. If Yes, the mention the methodology	NA .	

Site Engineer
भारतीय राष्ट्रीय राजमार्ग प्राप्ताय राष्ट्रीय राजमार्ग प्राप्ताय

संजय के/Sanjay Verma
परियोजना निर्देशक/Project आर्थाः
भारतीय शान्य शाजाग्रामं प्रश्लीकरण/
मार्गाय शान्य शाजाग्रामं प्रश्लीकरण/
मार्गाय शान्य श्राप्य Authority

implementation Unit-/

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd

S.No.	Item	Information/Status	Remarks
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA	
1.19	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.		
	a) Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b) Is it on a line normal to NH c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	HDPE Pipe 160mm Dia	<u>.</u>
	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	YES	
	f) The casing / conduit pipe should, as minimum extend from drain to dain in cuts and toe of slop toe of slope in the fills.	YES	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
	h) Mention the methodology propseod for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	By HDD Method Drawing for methodology enclosed	
1	i) The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	As per NHAI Norms	
2 [Document / drawing_enclosed with the proposal	Drawing Enclosed	
t (i c ii	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m (min) deep X 0.3 wide))Should not be greater than 60 cm wider than the outer diameter of the pipe. i) Located as close to the extreme edge of the right-of-way as possible but not less than 15		
2.1 r c iii r c c t iii a	meter from the centre-line of the nearest carriageway ii) shall not be permitted to run along the National nighway when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges. iv) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Drawing Enclosed	
	Cross section showing the size of pit and occation of pipe line for HDD method.	Drawing Enclosed	

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Site Engineer भारतीय राष्ट्रीय राजपार्ग स्वीतिकार्ग National Highway: India परियोजना कार्यान्वयः

Project Implementation sout-Agra

प्रियोगसम् कि.स.म/न' भारतीय सन्तिय स्कार अस्तिय National Highway Aumority परियोजना कार्यास्ययः इक्षेत्र्ड अर्ग 6 Project Implementation Unit-/

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd

S.No.	Item	Information/Status	Remarks
2.3	Strip plan / Route plan showing the cables. chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	YES, Drawing Enclosed	
2.4	Methodology for laying of electrical cable	By HDD Method	
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.) If yes, methodology of refilling of trench.	NA	
	(a) The trench width should be alleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, bedding shall be to a depth of not less than 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 edged should be excavated and replaced by replaced by selected material		
	(c) The backfill shall be completed in two stages (i) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	NA	
	 e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench 	NA	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA VEO	
2.4.3	Horizontal Directional Drilling (HDD) method. Methodology for laying of electrical cable through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becoems inescapable.	YES NA	
3 [Draft License agreement signed by two witnesses.	YES	
3.1 i	(R) dated 22.11.2016	As per applecable	
4 F	guidelines issued vide circular No. RW/NH- 33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MoRTH per each crossing as demanded by NHAI/MoRTH.	
۸.۱ ۸	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Not Submitted	
f	ollowing is to be furnished	Enclosed	
5.1 d	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES, Enclosed	

Site Engineer
भारतीय राष्ट्रीय राजमार्ग प्राधिकार/
National Highways Ast of in परियोजना कार्यान्वयन इकाई-जानस Project Implementation Unit-Agra

संजय वर्मा/Sanjay Verma
परियोजना निर्देशक/P.८ वर्षः
भारतीय राष्ट्रीय राजम र्ग प्रतीयकरण,
National Highways Authority
परियोजना कार्यान्ययन इकाई–आगर।
Project Implementation Unit-Agra

Executive Engineer
Electricity Distribution Division - III
Dakshinanchai Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
5.2	Undertaking for Renewal of Bank Guarantee		
5.2	as and when asked by MoRTH/NHAI.	YES, Enclosed	
Asserted	Undertaking for Confirming all standard		
5.3	conditions of Ministry Circulars and NHAI's	YES, Enclosed	
	guideline		
5.4	Undertaking for Indemnity against all damages and	YES, Enclosed	
	claims.	720, 2110,000	
	Undertaking for management of traffic movement	\ <u></u>	
5.5	during laying of utility line without hampering the	YES, Enclosed	
	traffic. Undertaking that if any claim is raised by the	1	
5.6	concessionaire/contractor then the same has to	YES, Enclosed	
3.0	be pid by the applicant.	TES, Enclosed	
	Undertaking that prior apporval of the NHAI		
	shall be obtained before undertaking any		l.
5.7	work of the installation, shifting or repairs	YES, Enclosed	
	or alterations to the utility located in the National		
	Highway right of ways.		
	Undertaking that expenditure, if any, incurred by		
	NHAI for repairing any damage casued to	Productive Chest in the	
5.8	the NationI Highway by the laying, maintanance or	YES, Enclosed	
	shifting of the utility line will be borne by the		
	applicant agency owning the line.		
	Undertaking that text of the license deed is as		1
5.9	per verbatim of MoRTH format (issued Vide	YES, Enclosed	1
	Ministry's Circular No. RW/NH-33044/29/2015/S&R		
	(R) dated 22.11.2016. Undertaing that the applicant has obtaind		-
	various safety clearences from the representative		
	authorities such as Directorate of Electricity,		
	Chief controller of Explosives. Petroleum and		1
5.10	Explosive Safety organisation UTI Industry	YES, Enclosed	
	Safety Direcotrate State/Central Pollutino		
	Control Board and any other statutory		1
	clearence's applicable. before applying to Highway		
	Administration.		
	If the MoRTH/NHAI considers it necessary in		
	future to move the utility line for any work fo		1
5.11	improvement or repairs to the road it will be carried	VES England	1
3.11	out as desired by the NHAI at the cost of the agency cwning the utility line within a reasonable	YES, Enclosed	
	time (not exceeding 60		1
	days) of the intimation given.		
	Certificate from the applicant in the following		
	format		
	i) Laying of UG Cable/HDPE Pipe will not have any		1
	deleterious effects on any of the bridge components		
1200000	and roadway safety for traffic.		
5.12		YES, Enclosed	
	services road / approach road / utilities at my		
	own cost not withstanding the permission		
	granted within such time as will be stipulated by		
	NHAI for future six laning or any other		
	development.		

Site Engineer
भारतीय पाट्टीय राजमार्ग
National Highways
पारियोजना कार्यान्यक इं
Project Implementation Unit Agra प्रतिशंका कार्यान्यक कार्यान्यक स्थापित स्थापित सामित स्थापित स्थापि

Electricity Distribution of Division - III Dakshinanchai Vigyur Vitran Nigam Ltd

S.No.	Item	Information/Status	Remarks
6	Who will sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	-	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	-	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibilityreport considering proposed structures at the said location (b) In case feasibility report is not available I do certify that sufficient ROW is available at site for accommodation proposed six-laning"		
8	If NH section proposed to be taken up by NHAI on BOT basis — s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation on build, operate and transfer basis and therefore, the license shall honor the same".	NA	
9	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe	land in the black in	
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	

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Site Engineer शासीय पाट्रीय राजमार्ग National Highways

परियोजन निर्देशक/Piojact आर्थ परियोजन निर्देशक/Piojact आर्थ प्रकार के शिक्षा सामितिय सामितिय सामितिय सामितिय सामितिय सामितिय सामितिया सामितिया सामितिया हकाई—आगरा Project Implementation Unit-Agra

Executive Engineer Electricity Distribution Division - III Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	- Nomarko
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	-	
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

[Name, Designation and signature of concerned authority of NHAI/PIU/AGRA] संजय वर्मा/Sanjay Verma

परियोजना निवेशक/Project आर भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/

परियोजना कार्यान्वयन इकाई-आगरा

Project Implementation Unit-A., 12

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Guidelines for processing the proposal for laying electrical cable/HDPE Pipe accross National Highways vested with NHAI/PIU/AGRA.

Relevant Circulars

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approvel for laying of Electrical Cables/HDPE Pipe at NH-509 land.

S.No.	Item	Information/Status	Remarks
1	General Information	Work under New 11 KV Feeder for Separation of Agriculture Consumer and Associated work Agra Zone (Agra District) Project	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, Fatehabad Agra Uttar Pradesh	
1.2	National Highway Number	NH - 509	
1.3	State	Uttar Pradesh	
1 4	Location	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 223.950 (NH 509)	
1.5	(Chainage in Km)	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 223.950 (NH 509)	
16	I ength in Meters	(30 Mtr. x 2 Run) x 1 Noc60 Mtrc.	
1.7	Width of available ROW		
	(a) Left side from center line to lower lowards increasing chainage/Km direction	15 Mtr. From center of road (As per drawing attached)	
	(b) Right side from center line to tower increasing	15 Mtr. From center of road (As per drawing	
	drainage/Km direction	attached)	
1.8	Proposal to lay the cables	UG Electrical cable / HDPE Pipe	
	(a) Left side from center line towards	15 Mtr. From center of road (As per drawing	
	increasing chalnage/Km direction	attached)	
	(b) Right side from center line towards	15 Mtr. From center of road (As per drawing	
4.0	increasing chainage/Km direction	attached)	
1.9	Proposal to acquire land	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
	If not then where to lay the cable	Crossing at main carriageway (Below Road)	
1.11	Dotnilo of already laid services, if any, along the proposed route	NA	
1.12	Number of existing lanes (2/4/6/8 Lanes)	2 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	NO	
	If yes then which side	MA	
	(a) Left side from center line	NA	
	(b) Right side from Center line	NA	
	Proposed Service road	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
	Whether proposal to laying UG-Electrical Cable line		
	in after the service road or between the	Crossing at main carriageway (Below Road)	
	service road and main carriageway		
511.5	Whether carrying of sewage/gas pipe line has	16	
	been propsoed on highway Bridges.	NA	
gineer	If Yes, the mention the methodology		

व पर द्वीय प्राणमा में कारिनारण, National Highways Authority परियोजना कार्यान्ययन इकाई-आगरा Project Implementation UnitPage 1 of 6

Executive Engineer Electricity Distribution Division - III Dakshinanchal Vidyut Vitran Nigam Ltd.

Sensitivity: LNT Construction Internal Use

S.No.	Item	Information/Status	Remarks
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA	
1.19	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	YES Electrical cable will be laid in 160mm HDPE Pipe with HDD method for crossing	
	Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b} Is it on a line normal to NH	YES	
	c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	HDPE Pipe 160mm Dia	
	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	YES	
	f) The casing / conduit pipe should, as minimum extend from drain to dain in cuts and toe of slop toe of slope in the fills.	YES	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
	h) Mention the methodology propseod for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	By HDD Method Drawing for methodology enclosed	
	i) The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	As per NHAI Norms	
2	Document / drawing enclosed with the proposal	Drawing Enclosed	
21	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m (min) deep X 0.3 wide))Should not be greater than 60 cm wider than the outer diameter of the pipe. i) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-line of the nearest carriageway	Drawing Enclosed	
i t t i'	ii) shall not be permitted to run along the National highway when the road formation is situated in double cutting, Nor shall these be laid over he existing culverts and bridges. v) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.	a	
	Cross section showing the size of pit and ocation of pipe line for HDD method.	Drawing Enclosed	*

Site Engiles प्राप्ता प्राप्तिकरण।
भारतीय राष्ट्रिय प्राप्ता प्राप्तिकरण।
National Highways Authority of India
परियोजना कार्यान्ययन इकाई - आगरा
Project Implementation Unit-Agra

Sensitivity: LNT Construction Internal Use

Executive Engine
Electricity Distribution Division - Ili
Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.		Information/Status	Remarks
2.3	Strip plan / Route plan showing the cables. chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	YES, Drawing Enclosed	
2.4	Methodology for laying of electrical cable	By HDD Method	
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.) If yes, methodology of refilling of trench.	NA	
	(a) The trench width should be alleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, bedding shall be to a depth of not less than 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 edged should be excavated and replaced by replaced by selected material	NA	
	(c) The backfill shall be completed in two stages (i) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	NA	
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	NA	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) method.	YES	
2.4.3	Methodology for laying of electrical cable through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becoems inescapable.	NA	
3	Draft License agreement signed by two witnesses.	YES	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22 11 2010	As per applecable	
4	guidelines issued vide circular No. RW/NH- 33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MoRTH per each crossing as demanded by NHAI/MoRTH.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Not Submitted	
5	Affidavit / undertaking from the Applicant for the following is to be furnished	Enclosed	
5.1	Undertaking for not to Damage any other utility. If	YES, Enclosed	
1		·	

National Highway परियोजना कार्यान्य

Project Implement

of India स

Agra

भंजय वर्मा/Sanjay Verma परियोजना निवेशक/P.5 डर्ज सर् भारतीय राष्ट्रीय राजमार्ग प्राधिकरण भारतीय राष्ट्रीय राजमान अञ्चलका National Highways Authority परियोजना कार्यान्वयन इकाई-आगरा Project Implementation Unit-A 3

Executive Engineer
Electricity Distribution Division of
Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
5.2	Undertaking for Renewal of Bank Guarantee		, tomants
5.2	as and when asked by MoRTH/NHAI.	YES, Enclosed	
	Undertaking for Confirming all standard		
5.3	conditions of Ministry Circulars and NHAI's	YES, Enclosed	
	guideline	700	
5.4	Undertaking for Indemnity against all damages and	YES, Enclosed	
	claims.	TEO, Endosed	
	Undertaking for management of traffic movement	V=0 =	
5.5	during laying of utility line without hampering the	YES, Enclosed	
	traffic. Undertaking that if any claim is raised by the		
5.6	concessionaire/contractor then the same has to	YES, Enclosed	1
0.0	be pid by the applicant.	1 EG, Eficiosed	
	Undertaking that prior apporval of the NHAI	-	-
	shall be obtained before undertaking any		
5.7	work of the installation, shifting or repairs	YES, Enclosed	1
	or alterations to the utility located in the National		1
	Highway right of ways.		
	Undertaking that expenditure, if any, incurred by		
	NHAI for repairing any damage casued to		1
5.8	the NationI Highway by the laying, maintanance or	YES, Enclosed	1
	shifting of the utility line will be borne by the		
	applicant agency owning the line. Undertaking that text of the license deed is as		
	per verbatim of MoRTH format (issued Vide	a things are support of the support	
5.9	Ministry's Circular No. RW/NH-33044/29/2015/S&R	YES, Enclosed	
	(R) dated 22.11.2016.		
	Undertaing that the applicant has obtaind		
	various safety clearences from the representative		
	authorities such as Directorate of Electricity,		
1227727420	Chief controller of Explosives. Petroleum and		
5.10	Explosive Safety organisation UTI Industry	YES, Enclosed	
	Safety Direcotrate State/Central Pollutino		
	Control Board and any other statutory clearence's applicable. before applying to Highway		
	Administrtation.		
	If the MoRTH/NHAI considers it necessary in		
	future to move the utility line for any work fo		
	improvement or repairs to the road it will be carried		
5.11		YES, Enclosed	
	agency owning the utility line within a reasonable		
	time (not exceeding 60		
	days) of the intimation given.		
	Certificate from the applicant in the following format		
	i) Laying of UG Cable/I IDPE Pipe will not have any		1
	deleterious effects on any of the bridge components		
	and roadway safety for traffic.		
5.12	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	YES, Enclosed	
	services road / approach road / utilities at my		
	own cost not withstanding the permission		
	granted within such time as will be stipulated by		
	NHAI for future six laning or any other		
	development.		

Site Engineer
भारतीय पानीय राजपार्ग प्राधि
National Highways A

Executive Engineer
Electricity Distribution Division - Ili
Dakshinanchal Vidyut Vitran Nigam Lie

S.No.	Item	Information/Status	Remarks
6	Who willl sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	<u>=</u> i	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.		
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibilityreport considering proposed structures at the said location (b) In case feasibility report is not available I do certify that sufficient ROW is available at site for accommodation proposed six-laning"	=	
8	If NH section proposed to be taken up by NHAI on BOT basis — s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation on build, operate and transfer basis and therefore, the license shall honor the same".	NA	
9	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe	William and Ambananeels	
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On boalf of NH∧I	Eupervision Consultant	

Site Engliser मास्तीय राष्ट्रीय चाजनार्ग प्राविकरण

National Highways Authority of Ind

परियोजना ाधान्वयन इकाई-आगरा

Project Implementation Unit-Agra

संजिबनी/Sanlay Ve...
परियोजना ते वेशक/P. ८ इ.स. क्ष्मार्थीय राज्येय ज्ञाज्य में अतीवकरण,
National Highways Authority को कियोव परियोजना कार्यान्ययन दुकाई—आगरा Project Implementation Unit-Agra

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd

S.No.	Item	Information/Status	Remarks
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	T TO THE TANK
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	-	
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

Executive Engineer
Electricity Distribution Division - III
Dakshinarichal Vidyut Vitran Nigam Ltd.

[Name, Designation and signature of concerned authority of NHAI/PIU/AGRA]

संजय वर्मा/Sanjay Verma
परियोजना निवेशक/Project Direct क्रिक्शक/Project Direct क्रिक्शक/Project Direct क्रिक्शक/Project Direct क्रिक्शक/Project Implementation Unit-A. Ta

Size Engineer भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ Mational Highways Authority of India परियोजना कार्यान्वयन प्रकार्य-आग्य Project Implementation Unit-Agra



CHECK - LIST

Guidelines for processing the proposal for laying electrical cable/HDPE Pipe accross National Highways vested with NHAI/PIU/AGRA.

Relevant Circulars

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approvel for laying of Electrical Cables/HDPE Pipe at NH-509 land.

S.No.	Item	Information/Status	Remarks
1_	General Information	Work under New 11 KV Feeder for Separation of Agriculture Consumer and Associated work Agra Zone (Agra District) Project	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, Fatehabad Agra Uttar Pradesh	
1.2	National Highway Number	NH 509	
1.3	State	Uttar Pradesh	*
1.4	Location	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 228.600 (NH 509)	
1.5	(Chainage in Km)	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 228.600 (NH 509)	
1.6	Length in Meters	(30 Mtr. x 2 Run) x 1 Nos. =60 Mtrs.	
1.7	Width of available ROW		
	(a) Left side from center line to tower towards increasing chainage/Km direction	15 Mtr (1 Run). From center of road (As per drawing attached)	
	(b) Right side from center line to tower increasing chalnage/Km direction	15 Mtr (1 Run). From center of road (As per drawing attached)	
1.8	Proposal to lay the cables	UG Electrical cable / HDPE Pipe	
	(a) Left side from center line towards	15 Mtr (1 Run) From center of road (As per	
	increasing chainage/Km direction	drawing attached)	
	(b) Right side from center line towards	15 Mtr (1 Run). From center of road (As per	
	Increasing chainage/Km direction	drawing attached)	
1.9	Proposal to acquire land	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
	If not then where to lay the cable	Crossing at main carriageway (Below Road)	
1.11	Details of already laid services, if any, along the proposed route	UG CABLE OF BONE IN LITS	
	Number of existing lanes (2/4/6/8 Lanes)	2 LANE	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
	Service road existing or not	NO	
	If yes then which side (a) Left side from center line	NA	
	(b) Right side from Center line	NA	
	Proposed Service road	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to laying UG-Electrical Cable line is afler the service road or between the	Crossing at main carriageway (Below Road)	
1.17	service road and main carriageway Whether carrying of sewage/gas pipe line has been propsoed on highway Bridges.	NA	
10	If Yes, the mention the methodology		

Site Engineer

संजय कर्तं/Sanjay Vernal

संजय कर्तं/Sanjay Vernal

संजय कर्त्रं/Sanjay Vernal

सिर्माण (P. ए. च्या कर्माण प्रियोजना निर्माण (P. ए. च्या कर्माण प्रार्थाकरा

National Highways Authority (P. प्रार्थाजना कार्या व्यवस्था कर्माण (P. ए. च्या कर्माण (P. च्या कर्मा) (P. च्या कर्माण (P. च्या कर्मा) (P. च्या कर्माण (P. च्या कर्माण (P. च्या कर्माण (P. च्या कर्मा) (P. च्या कर्माण (P. च्या कर्माण (P. च्या कर्माण (P. च्या कर्मा)

Electricity Distribution Division - III
Daksi muchal Vidyut Vitran Nigam Ltd

S.No.	Item	Information/Status	Remarks
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA NA	Kemarks
1.19	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	YES Electrical cable will be laid in 160mm HDPE Pipe with HDD method for crossing	
	a) Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b) Is it on a line normal to NH c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	HDPE Pipe 160mm Dia	
	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	YES	
	f) The casing / conduit pipe should, as minimum extend from drain to dain in cuts and toe of slop toe of slope in the fills.	YES	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
	h) Mention the methodology propseod for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	By HDD Method Drawing for methodology enclosed	
	The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	As per NHAI Norms	
	Document / drawing enclosed with the proposal	Drawing Enclosed	
2.1 r	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m (min) deep X 0.3 wide) (Should not be greater than 60 cm wider than the outer diameter of the pipe. i) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-line of the nearest carriageway ii) shall not be permitted to run along the National highway when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges. by These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Drawing Enclosed	
	Cross section showing the size of pit and location of pipe line for HDD method.	Drawing Enclosed	

Site Engineer

भारतीय राष्ट्राव राजमार्ग प्राधिकरण/

परियोजना कार्यान्वयन इकाई-आगरा ,परियोजना कार्यान्वयन इकाई-आगरा Project Implementation Unit-AgraProject Implementation Unit-A. 2

संजय बनी/Sanjay Vall मिर्योग्रामा निर्देशक/Pro Yal National Highways Authority of Indianonal Highways Authority of Indianonal Highways Authority

Dakshins

Engineer ...

S.No	Item	Information/Status	Remarks
	Strip plan / Route plan showing the cables.		Remarks
2.3	chainage, width of ROW, distance of proposed,	VES Drawing England	
7.7	cable from the edge of ROW, important mile stone,	YES, Drawing Enclosed	1
- 0.4	intersections, cross drawings work etc.		
2.4	Methodology for laying of electrical cable	By HDD Method	
	Open trenching method (May be allowed in utility		
2.4.1	corridor only where pavement is neither cement	NA	
	concrete nor dense bituminous concrete type.)		
_	If yes, methodology of refilling of trench. (a) The trench width should be alleast		
1	30 cm but not more than 60cm wider than the	110	
	outer diameter of the pipe.	NA	
	(b) For filling of the trench, bedding shall be to a		
	depth of 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	NA	
	change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced		
	by replaced by selected material		1 1
	The state of the s		
- 1	(c) The backfill shall be completed in two stages		
	(i) side-fill to the elvel fo the top of the pipe and (ii)	NA	
	overfill to the bottom of the road crust. d) The side fill shall consist of granular material laid		
	in 15cm layers each consolidated by mechanical	ľ	
	tampering and controlled addition of moisture to		1 1
	95% of the Proctor's Density. Overfill shall be		
	compacted to the same density as the material	NA	
	that had been		1
	removed. Consolidation by saturation or ponding will		
	not be permitted.		1
	e) The road crust on either side of the trench		
	shall be taken to avoid the formation of a dip at the	NA .	1 1
	trench		1 1
	f) The excavation shall be protected by flagman, signs		
	and barricades and red lights during night hours.	NA	
	g) It required, a divorcion chall be constructed at the		
	expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) method.	YES	
E. 7.E	Methodology for laying of electrical cable through CD	TES	
0.40	works and method of Laying. In cases where the		
2.4.3	carrying of gas pipe line on the bridge becoems	NA	
	inescapable.		
3	Draft License agreement signed by two witnesses.	VEC	
		YES	
	The License fee estimate as per Ministry's guidelines		
3.1	issued vide circular No. RW/NH-33044/29/2015/S&R	As per applecable	
	(R) dated 22.11.2016		
	Whether Performance Bank Guarnatee as Ministry's	An undertaking given by the agency towards	
4	guidelines issued vide circular No. RW/NH-	Performance Bank Guarantee as per extant	
	33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	norms MoRTH per each crossing as	
02002	Confirmation of BG has been obtained or not as per	demanded by NHAI/MoRTH.	
4.1	MoRTH/NHAI guidelines.	Not Submitted .	
900	Affidavit / undertaking from the Applicant for the		
	following is to be furnished	Enclosed	
	Undertaking for not to Damage any other utility. If		
5.1	damaged then to pay the losses either to NHAI	YES, Enclosed	
	or to the concerned agency.		

Site Engineer
पास्तीय राष्ट्रीय राजमार्ग प्राधिकरण
संजय कर्न/Sanjay Ve.....
National Highways Authority
परियोजना कार्यान्वयन इकाई-आपनास्तीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना कार्यान्वयन इकाई-आपनास्तीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना कार्यान्वयन इकाई-आगरा
परियोजना कार्यान्वयन इकाई-आगरा
Project Implementation Unit-4

S.No.	Item	Information/Status	Remarks
5.2	Undertaking for Renewal of Bank Guarantee as	YES, Enclosed	
	and when asked by MoRTH/NHAI.	TEO, Eliciosed	
F 2	Undertaking for Confirming all standard		
5.3	conditions of Ministry Circulars and NHAI's	YES, Enclosed	
	guideline Undertaking for Indemnity against all damages and		
5.4	claims.	YES, Enclosed	
	Undertaking for management of traffic movement	- Hardware and Advantage and A	
5.5	during laying of utility line without hampering the	YES, Enclosed	
07.878	traffic.	TEO, Enclosed	
	Undertaking that if any claim is raised by the		
5.6	concessionaire/contractor then the same has to	YES, Enclosed	
	be pid by the applicant.		
	Undertaking that prior apporval of the NHAI shall		
12	be obtained before undertaking any work		
5.7	of the installation, shifting or repairs or	YES, Enclosed	
	alterations to the utility located in the National	A STAN THE PROPERTY OF THE PRO	
	Highway right of ways.		
	Undertaking that expenditure, if any, incurred by		
5.8	NHAI for repairing any damage casued to		
5.0	the NationI Highway by the laying, maintanance or	YES, Enclosed	
	shifting of the utility line will be borne by the applicant agency owning the line.		
	Undertaking that text of the license deed is as		
	per verbatim of MoRTH format (issued Vide		
5.9	Ministry's Circular No. RW/NH-33044/29/2015/S&R	YES, Enclosed	
	(R) dated 22.11.2016.		
	Undertaing that the applicant has obtaind		
	various safety clearences from the representative		
	authorities such as Directorate of Electricity,		
1211012	Chief controller of Explosives. Petroleum and		
5.10	Explosive Safety organisation UTI Industry	YES, Enclosed	
	Safety Direcotrate State/Central Pollutino Control		
	Board and any other statutory clearence's		
	applicable. before applying to Highway Administrtation.		
	If the MoRTH/NHAI considers it necessary in		
	future to move the utility line for any work fo		
	improvement or repairs to the road it will be carried		
5.11		YES, Enclosed	
0.516.00.5	agency owning the utility line within a reasonable		
1	time (not exceeding 60		
	days) of the intimation given.		
	Certificate from the applicant in the following		
	formal		
1) Laying of UG Cable/HDPE Pipe will not have any		
15	deleterious effects on any of the bridge components and roadway safety for traffic.		
		VLC England	
COMMON ACCOUNTS	i) for 8 laning "we do undertake that I will relocate services road / approach road / utilities at my	YES, Enclosed	
	own cost not withstanding the permission		
	granted within such time as will be stipulated by		
	NHAI for future six laning or any other		
	development.		

भारतीय राष्ट्रीय राजनार्ग प्राधिकर

National Highways Authority of Indian प्राथमिक कार्या चयन इकाई-आग्या भारतीय राज्या में श्राह्मकार परियोजना कार्या चयन इकाई-आग्या परियोजना कार्याच्या इकाई-आगरा परियोजना कार्याच्या इकाई-आगरा परियोजना कार्याच्या इकाई-आगरा

Project Implementation Unit-# 3

Executive Engineer
Electricity Distribution Division • III

Dakshina:ar Vigyut Vitran Nigam Ltd

S.No.	Item	Information/Status	Remarks
6	Who will sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	-	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	-	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibilityreport considering proposed structures at the said location (b) In case feasibility report is not available I do certify that cufficient ROW is available at site for accommodation proposed six-laning"		
8	If NH section proposed to be taken up by NHAI on BOT basis — s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation on build, uperate and transfer basis and meretore, the license shall honor the same".	NA	
9	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe	I N I I I I I I I I I I I I I I I I I I	
`	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
			1

पास्तीय राप्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India (all/Sanjay Ve

परियोजना कार्यान्वयन इकाई-आगरा परियोजना विवेशक/P.C. १६ क Project Implementation Unit-Agranस्तीय राजीय राजागा । प्रातिकर

National Highways Authority परियोजना कार्यान्वयन इकाई-आगरा

Project Implementation Unit-A 2

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd

S.No.	110111	Information/Status	Remarks
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).		
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

[Name, Designation and signature of concerned authority of NHAI/PIU/AGRA]

Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

संजय वर्मा/Sanjay Vermo परियोजना निवेशक/Project जार भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority परियोजना कार्यान्ययन इकाई—आगश Project Implementation Unit-A

Site Engineer
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
National Highways Authority of India
परियोजना कर चरतन इकाई-आपरा
Project Implementation Unit-Agra



CHECK - LIST

Guidelines for processing the proposal for laying electrical cable/HDPE Pipe accross National Highways vested with NHAI/PIU/AGRA.

Relevant Circulars

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approvel for laying of Electrical Cables/HDPE Pipe at NH-509 land.

S.No.	Item	Information/Status	Remarks
1	General Information	Work under New 11 KV Feeder for Separation of Agriculture Consumer and Associated work Agra Zone (Agra District) Project	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, Fatehabad Agra Uttar Pradesh	
1.2	National Highway Number	NH 509	-
1.3	State	Uttar Pradesh	
1.4	Location	Road crossing of LIG Electrical Cable/HDPF Pipe (Two run) at Km. 227.800 (NH 509)	
1.5	(Chainage in Km)	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 227.800 (NH 509)	
1.6	Length in Meters	(30 Mtr x 2 Run) x 1 Nos = 60 Mtrs.	
1.7	Width of available ROW		
	(a) Left side from center line to tower towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line to tower increasing	15 Mtr From center of road (As per drawing	
	chainage/Km direction	attached)	
1.8	Proposal to lay the cables	UG Electrical cable / HDPE Pipe	
	(a) Left side from center line towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
1.9	Proposal to acquire land	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
5.	If not then where to lay the cable	Crossing at main carriageway (Below Road)	
	Details of already laid services, if any, along the proposed route	UG CABLE OF BSNL IN LHS	
	Number of existing lanes (2/4/6/8 Lanes)	2 LANE	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
	Service road existing or not	NO	
	If yes then which side (a) Left side from center line	NA	
	(b) Right side from Center line	NA	
	Proposed Service road	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
	Whether proposal to laying UG-Electrical Cable line		
1.16	is afler the service road or between the	Crossing at main carriageway (Below Road)	
	service road and main carriageway	5 , , ,	
	Whether carrying of sewage/gas pipe line has		
	been propsoed on highway Bridges.	NA	
	If Yes, the mention the methodology		

Site Engineer भारतीय राज्याचे प्राधिकरण/ National Highways A 'y o परियोजना कार्यान्वयन एक डा

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स्त्रियं वर्मा/Sanjay Verma परियोजना निदेशक/Project जाउँ क 'y of Indigrafia राष्ट्रीय राजमार्ग प्राधिकरण

Mational Highways Authority Agra परियोजना कार्यान्ययन इकाई—आगरा Project Implementation Unit-A Page 1 of 6 Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitracii in Ltd.

S.No.	Item	Information/Status	Remarks
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA	
1.19	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	YES Electrical cable will be laid in 160mm HDPE Pipe with HDD method for crossing	
	a) Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b) Is it on a line normal to NH c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	HDPE Pipe 160mm Dia	u se
	it does not act as a drainage path.	YES	
	f) The casing / conduit pipe should, as minimum extend from drain to dain in cuts and toe of slop toe of slope in the fills.	YES	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	ω.
	h) Mention the methodology propseod for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	By HDD Method Drawing for methodology enclosed	
	i) The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	As per NHAI Norms	
4	Document / grawing enclosed with the proposal	Drawing Enclosed	
2.1	ii) shall not be permitted to run along the National nighway when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges. v) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to	Drawing Enclosed	
22 (Obstruct drainage of the road land. Cross section showing the size of pit and location of pipe line for HDD method.	Drawing Enclosed	

Site Symeer
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
National Highways Are. अप व

Project Implementate

परियोजना निदेशक/Project आर्थ भारतीय राष्ट्रीय राजमार्ग प्रशिकरण National Highways Authority परियोजना कार्यान्वयन इकाई—आगरा Project Implementation Unit-4

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
	Strip plan / Route plan showing the cables.		
2.3	chainage, width of ROW, distance of proposed,	VEC D	1
2.3	cable from the edge of ROW, important mile stone,	YES, Drawing Enclosed	1
	intersections, cross drawings work etc.		
2.4	Methodology for laying of electrical cable	By HDD Method	
	Open trenching method (May be allowed in utility	By FIDD IMEGIOU	-
	corridor only where pavement is neither cement		41
2.4.1		NA	1
	concrete nor dense bituminous concrete type.)		1
	If yes, methodology of refilling of trench.		
	(a) The trench width should be alleast		1
	30 cm but not more than 60cm wider than the	NA	
	outer diameter of the pipe.		
	(b) For filling of the trench, bedding shall be to a		
	depth of not less than 30 cm. It shall consist of	1	1
	granular material, free of lumps, clods and cobbles		
	and graded to yield a firm surface without sudden	NA	
	change in the bearing value. Unsuitable soil and		
	rock edged should be excavated and replaced		
	by replaced by selected material	1	
	(c) The backfill shall be completed in two stages		
		N/A	
	(i) side-fill to the elvel fo the top of the pipe and (ii)	NA	
	overfill to the bottom of the road crust.		
	d) The side fill shall consist of granular material laid		
	in 15cm layers each consolidated by mechanical		
	tampering and controlled addition of moisture to		
	95% of the Proctor's Density. Overfill shall be	NA	
	compacted to the same density as the material	INA	
	that had been		j.
	removed. Consolidation by saturation or ponding will		
	not be permitted.		
	e) The road crust on either side of the trench. Care		
	shall be taken to avoid the formation of a dip at the	NA .	
	trench		
	f) The excavation shall be protected by flagman, signs	NA	
	and barricades and red lights during night hours.	140	
	g) If required, a diversion shall be constructed at the		-
		NA .	1
242	expense of agency owning the utility line	VE0.	-
2.4.2	Horizontal Directional Drilling (HDD) method.	YES	
	Methodology for laying of electrical cable through CD	V	1
2.4.3	works and method of Laying. In cases where the	NA	1
	carrying of gas pipe line on the bridge becoems		
	inescapable.		1
3	Draft License agreement signed by two witnesses.	YES	
ŭ	brait Electise agreement signed by two withesses.	123	
	The License fee estimate as per Ministry's guidelines		
3.1	issued vide circular No. RW/NH-33044/29/2015/S&R	As per applecable	1
	(R) dated 22.11.2016		
		An undertaking given by the agency towards	
	Whether Performance Bank Guarnatee as Ministry's	Performance Bank Guarantee as per extant	
	guidelines issued vide circular No. RW/NH-	norms MoRTH per each crossing as	1
1	33044/29/2015/S&R (R) dated 22.11.2016 is obtained.		1
		demanded by NHAI/MoRTH.	
	Confirmation of BG has been obtained or not as per	Not Submitted	
	MoRTH/NHAI guidelines.		
	Affidavit / undertaking from the Applicant for the	Enclosed	
	following is to be furnished		
	Undertaking for not to Damage any other utility. If		
	damaged then to pay the losses either to NHAI	YES, Enclosed	1
	or to the concerned agency.		1

भारतीय सन्दीय नाजवार्ग प्राधिकरण

परियोजना कार्यात्यः । अ आगरा

HILL NAMED WATER परियोणना निर्धेशक/िक इदा जात्व व National Highways Authority of Indeedia राष्ट्रीय राजमार्ग प्राधकरण परियोजना कार्यान्ययन इकाई-आगर Project Implementation Unit-Agra Project Implementation Unit-7

Executive Engineer Electricity Distribution Division - III Dakshinanchal Vidyut Vitran Nigam Ltd

S.No.	Item	Information/Status	Remarks
5.2	Undertaking for Renewal of Bank Guarantee as	YES, Enclosed	7.0
0.2	and when asked by MoRTH/NHAI.	YES, Enclosed	
	Undertaking for Confirming all standard		
5.3	conditions of Ministry Circulars and NHAI's	YES, Enclosed	
	guideline		
5.4	Undertaking for Indemnity against all damages and	YES, Enclosed	
	claims.	. Lo, Endicod	
5.5	Undertaking for management of traffic movement	VEO E	
5.5	during laying of utility line without hampering the traffic.	YES, Enclosed	
	Undertaking that if any claim is raised by the		
5.6	concessionaire/contractor then the same has to	YES, Enclosed	
0.0	be pid by the applicant.	TES, Eliciosed	
	Undertaking that prior apporval of the NHAI shall		
	be obtained before undertaking any work		
5.7	of the installation, shifting or repairs or	YES, Enclosed	
571617	alterations to the utility located in the National	125, 211010000	
	Highway right of ways.		
	Undertaking that expenditure, if any, incurred by		
	NHAI for repairing any damage casued to		
5.8	the NationI Highway by the laying, maintanance or	YES, Enclosed	
	shifting of the utility line will be borne by the		
	applicant agency owning the line.		
	Undertaking that text of the license deed is as		
5.9	per verbatim of MoRTH format (issued Vide	YES, Enclosed	
CONTRACT OF	Ministry's Circular No. RW/NH-33044/29/2015/S&R	1 LO, LIIOOGG	
	(R) dated 22.11.2016. Undertaing that the applicant has obtaind		
	various safety clearences from the representative		
	authorities such as Directorate of Electricity,		
	Chiof controllor of Explosives. Petroleum and		
5.10		YES, Enclosed	
2200000000	Safety Direcolrate State/Central Polluting Control	TEO, Eliciosed	
	Board and any other statutory clearence's		
	applicable. before applying to Highway		
	Administration		
	f the MoRTH/NHAI considers it necessary in		
	future to move the utility line for any work to		
	mprovement or repairs to the road it will be carried		
5.11		YES, Enclosed	
	agency owning the utility line within a reasonable		
	ime (not exceeding 60		
- 0	days) of the intimation given.		
	Certificate from the applicant in the following format		
) Laying of UG Cable/HDPE Pipe will not have any		
l'a	deleterious effects on any of the bridge components		
,	and roadway safety for traffic.		
		YES, Enclosed	
S	services road / approach road / utilities at my	i Lo, Liidosed	
	own cost not withstanding the permission		
	ranted within such time as will be stipulated by		
Ĭ,	IHAI for future six laning or any other		
	evelopment.		1 1

भारतीय सप्ट्रीय राजमार्ग प्राधिकरण

परियोजना काया ५ ३० १०१ - आगर

Sanjay Venns National Highways Authority of Indigitation निवेदाक/Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण Project Implementation Unit-Agra National Highways Authority परियोजना कार्यान्वयन इकाई-आगरा Project Implementation Unit-Acra

Executive Engineer Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
6	Who will sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	-	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.		
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the said location (b) In case feasibility report is not available I do certify that sufficient ROW is available at site for accommodation proposed six-laning"		
8	If NH section proposed to be taken up by NHAI on BOT basis — s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation on build, operate and transfer basis and therefore, the license shall honor the same".	NA	1
9	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe		
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Hund ulustrian line are corrected and if not corrected then what action will be taken.	Sept. Folds Consultant	
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	1

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण। National Highways Authority of भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority () National Highways Authority () National Highways Authority () प्रतिकृति । Project Implementation Unit-Authority () Project Implementation Unit-Authority () Project Implementation Unit-A

Page 5 of 6

S.No.	Item	Information/Status	Remarks
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	_	
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

Sisting With Nigam Ltd

[Name, Designation and signature of concerned authority of NHAI/PIU/AGRA]

संजय वर्मा/Sanjay Verma
परियोजना निवेशक/Project Direct क भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority परियोजना कार्यान्वयन इकाई-आगड़ Project Implementation Unit-

Pople

Site Engineer भारतीय राष्ट्रीय राजमार्थ प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्वयन प्रकार्ड-आपरा Project Implementation Unit-Agra



CHECK - LIST

Guidelines for processing the proposal for laying electrical cable/HDPE Pipe accross National Highways vested with NHAI/PIU/AGRA.

Relevant Circulars

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approvel for laying of Electrical Cables/HDPE Pipe at NH-509 land.

S.No.	Item	Information/Status	Remarks
1	General Information	Work under New 11 KV Feeder for Separation of Agriculture Consumer and Associated work Agra Zone (Agra District) Project	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, Fatehabad Agra Uttar Pradesh	
1.2	National Highway Number	NH 509	
1.3	State	Uttar Pradesh	
1.1	Location	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 227.620 (NH 509)	
1.5	(Chainage in Km)	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 227.620 (NH 509)	
1.6	Length in Meters	(30 Mtr. x 2 Run) x 1 Nos. = 60 Mtrs.	
1.7	Width of available ROW		
	(a) Left side from center line to tower towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(h) Right side from center line to tower increasing	15 Mtr From center of road (As per drawing	
	chainage/Km direction	attached)	
1.8	Proposal to lay the cables	UG Electrical cable / HDPF Pipe	
	(a) Left side from center line towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
1.9	Proposal to acquire land	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
	If not then where to lay the cable	Crossing at main carriageway (Below Road)	
1.11	Details of already laid services, if any, along the proposed route	UG CABLE OF BSNL IN LHS	
	Number of existing lanes (2/4/6/8 Lanes)	2 LANE	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
	Service road existing or not	NO	
	If yes then which side (a) Left side from center line	NA	
	(b) Right side from Center line	NA	
	Proposed Service road	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to laying UG-Electrical Cable line is after the service road or between the	Crossing at main carriageway (Below Road)	
1.17	service road and main carriageway Whether carrying of sewage/gas pipe line has been propsoed on highway Bridges. If Yes, the mention the methodology	NA	

Site Engine भारतीय चार्याय चाजमार्ग प्राधिकरण/ National Highways A saly of India परियोजना कार्यान्यक शर्

Project Implemental -

संजय वर्मा/Sanjay Verma
परियोजना निवेशक/Project Onco
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण,
National Highways Authority ।
परियोजना कार्यान्वयन इकाई—आगरा
Project Implemen शिक्षके ग्रीकीर-८

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA	
1.19	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	YES Electrical cable will be laid in 160mm HDPE Pipe with HDD method for crossing	
	Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b) Is it on a line normal to NH c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	HDPE Pipe 160mm Dia	
	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	YES	
	f) The casing / conduit pipe should, as minimum extend from drain to dain in cuts and toe of slop toe of slope in the fills.	YES	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
	h) Mention the methodology propseod for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	Ry HDD Method Drawing for methodology enclosed	
	i) The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	As per NHAI Norms	
2	Document / drawing enclosed with the proposal	Drawing Enclosed	
2.1	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m (min) deep X 0.3 wide) (Should not be greater than 60 cm wider than the outer diameter of the pipe. ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-line of the nearest carriageway ii) shall not be permitted to run along the National nighway when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges. v) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.	(70)	
	Cross section showing the size of pit and location of pipe line for HDD method.	Drawing Enclosed	

Site Engage पारतीय राज्यार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्ययन इस्स्टेन्डरागरा Project Implementa

संजय मर्गा/Sanjay Vermus परियोजना निवेशक/P:० वटा आर्थ भारतीय राज्यीय राजमार्ग प्राधिकरण, National Highways Authority परियोजना कार्यान्ययन इकाई—आगण Project Implementation Unit-A. 22

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
2.3	Strip plan / Route plan showing the cables. chainage, width of ROW, distance of proposed,	YES, Drawing Enclosed	
	cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.		
2.4	Methodology for laying of electrical cable Open trenching method (May be allowed in utility	By HDD Method	
2.4.1	corridor only where pavement is neither cement concrete nor dense bituminous concrete type.) If yes, methodology of refilling of trench.	NA	
	(a) The trench width should be alleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, bedding shall be to a depth of not less than 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 edged should be excavated and replaced by replaced by selected material	NA	
	(c) The backfill shall be completed in two stages (i) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will	NA	
	not be permitted. e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	NA	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) method. Methodology for laying of electrical cable through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becoems inescapable.	YES NA	
3	Draft License agreement signed by two witnesses.	YES	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016	As per applicable	
4	Whether Performance Bank Guarnatee as Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MoRTH per each crossing as demanded by NHAI/MoRTH.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Not Submitted	
5	Affidavit / undertaking from the Applicant for the following is to be furnished	Enclosed	
	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES, Enclosed	

Site Engineer
भारतीय राज्यार्ग प्राधिकरण/
National Highways Authority of India
परियोजना कार्यान्ययर इवर्गई—आगरा
Project Implementation Unit-Agra

प्रजय वर्मा/Sanjay Verma परियोजना निदेशक/Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, National Highways Authority क्षेत्र व परियोजना कार्यान्ययन इकाई—आगरा Project Implementation Unit-A

Executive Engineer
Electricity Distribution Division - III
Dakshinanchat Vidyut Vitran Nigam Ltd

S.No.	Item	Information/Status	Remarks
5.2	Undertaking for Renewal of Bank Guarantee as	YES, Enclosed	
108418	and when asked by MoRTH/NHAI.	TEG, Endosed	
5.3	Undertaking for Confirming all standard conditions of Ministry Circulars and NHAI's guideline	YES, Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	YES, Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	YES, Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be pid by the applicant.	YES, Enclosed	
5.7	Undertaking that prior apporval of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs or alterations to the utility located in the National Highway right of ways.	YES, Enclosed	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage casued to the NationI Highway by the laying, maintanance or shifting of the utility line will be borne by the applicant agency owning the line.	YES, Enclosed	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued Vide Ministry's Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	YES, Enclosed	
5.10	Undertaing that the applicant has obtaind various safety clearences from the representative authorities such as Directorate of Electricity, Chief controller of Explosives. Petroleum and Explosive Safety organisation UTI Industry Safety Direcotrate State/Central Pollutino Control Board and any other statutory clearence's applicable. before applying to Highway Administration.	YES, Enclosed	
5.11	If the MoRTH/NHAI considers it necessary In future to move the utility line for any work fo improvement or repairs to the road it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES, Enclosed	
5.12	Certificate from the applicant in the following format i) Laying of UG Cable/HDPE Pipe will not have any deleterious effects on any of the bridge components and roadway safety for traffic. ii) for 6 laning "we do undertake that I will relocate services road / approach road / utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.	YES, Enclosed	



Site Engineer भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्वयन इ. ई.-आगरा Project Implementation Unit-Agra संजय वर्मा/Sanjay Verma
परियोजना निवेशक/Project Sites
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण्
National Highways Authority विश्वेष्ण्यान्यम् इकाई-आगरा
Project Implementation Unit-A

Electricity Distribution Division - In Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
6	Who will sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	2	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	r - :	
	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibilityreport considering proposed structures at the said location (b) In case feasibility report is not available I do certify that sufficient ROW is available at site for accommodation proposed six-laning"		
8	If NH section proposed to be taken up by NHAI on BOT basis — s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation on build, operate and transfer basis and therefore, the license shall honor the same".	NA	
	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe		
	(a) On bohalf of tho Λpplioant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.	of .	
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	

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Site Engineer भारतीय राष्ट्रीय राजनार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्वयन इकाई-आगरा Project Implementation Unit-Agra

संजय वर्मा/Sanjay Venus परियोजना निवेशक/Pro २० अत् भारतीय राष्ट्रीय राजमार्ग प्राहोबरण National Highways Authority परियोजना कार्यान्वयन इकाई–आगरा Project Implementation Unit-/

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	-	
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

[Name, Designation and signature of concerned authority of NHAI/PIU/AGRA]

संजय वर्मा/Sanjay Verma परियोजना निदेशक/Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority

Project Implementation Unit-Acra

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Site Engineer भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्वयन इकाई-आगरा Project Implementation Unit-Agra



CHECK - LIST

Guidelines for processing the proposal for laying electrical cable/HDPE Pipe accross National Highways vested with NHAI/PIU/AGRA.

Relevant Circulars

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approvel for laying of Electrical Cables/HDPE Pipe at NH-509 land.

S.No.	Item	Information/Status	Remarks
1	General Information	Work under New 11 KV Feeder for Separation of Agriculture Consumer and Associated work Agra Zone (Agra District) Project	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, Fatehabad Agra Uttar Pradesh	
1.2	National Highway Number	NH 509	
1.3	State	Uttar Pradesh	
1.4	Location	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 226.600 (NH 509)	
1.5	(Chainage in Km)	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km 226 600 (NH 509)	
1.6	Length in Meters	(30 Mtr. x 2 Run) x 1 Nos 60 Mtrs.	
1.7	Width of available ROW		
	(a) Left side from center line to tower towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line to tower increasing	15 Mtr From center of road (As per drawing	
	chainage/Km direction	attached)	
1.8	Proposal to lay the cables	UG Electrical cable / HDPE Pipe	
	(a) Left side from center line towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line towards	15 Mtr From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
1.9	Proposal to acquire land	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
	If not then where to lay the cable	Crossing at main carriageway (Below Road)	
1.11	Details of already laid services, if any, along the proposed route	UC CABLE OF BENL IN LHS	
1.12	Number of existing lanes (2/4/6/8 Lanes)	2 LNAE	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	NO	
	If yes then which side		
	(a) Left side from center line	NA	
	(b) Right side from Center line	NA	
1.16	Proposed Service road	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to laying UG-Electrical Cable line is after the service road or between the	Crossing at main carriageway (Below Road)	
	service road and main carriageway	(Delow Road)	
	Whether carrying of sewage/gas pipe line has		
	heen proposed on highway Bridges	NΔ	
	If Yes, the mention the methodology		

जिय वर्मा/Saniay Verma परियोजना निर्देशक/Project Director ional Highways Authority of Indianally राष्ट्रीय राजमार्ग प्राधिकरण, National Highways Authority Children ,परियोजना कार्यान्वयन इकाई-आगरा Project Implementation Page 1/of 62

annellive Engineer Elect. J Distribution Division - III Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remark
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA	
1.19	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.		
	Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b) Is it on a line normal to NH c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	HDPE Pipe 160mm Dia	
	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	YES	
	f) The casing / conduit pipe should, as minimum extend from drain to dain in cuts and toe of slop toe of slope in the fills.	YES	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
	h) Mention the methodology propseod for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	By HDD Method Drawing for methodology enclosed	
	 The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it. 	As per NHAI Norms	
2	Document / drawing enclosed with the proposal	Drawing Enclosed	
2.1	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m (min) deep X 0.3 wide) i)Should not be greater than 60 cm wider than the outer diameter of the pipe. ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-line of the nearest carriageway iii) shall not be permitted to run along the National highway when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges. iv) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.		
22	Cross section showing the size of pit and location of pipe line for HDD method.	Drawing Enclosed	

सं कार प्रिकार प्रतिकरण पश्चित्रका प्रदिश्च राजमार्ग प्राधिकरण भारतिय राज्य मार्गाय Authority of India National Higher Authority of India प्रतिकाममा य

परियोजना निदेशक/Project Direct के भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, National Highways Authority (परियोजना कार्यान्वयन इकाई—आगरा Project Implementation Unit-A

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
2.3	Strip plan / Route plan showing the cables. chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	YES, Drawing Enclosed	
2.4	Methodology for laying of electrical cable	By HDD Method	
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.) If yes, methodology of refilling of trench.	NA	
	(a) The trench width should be alleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, bedding shall be to a depth of not less than 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 edged should be excavated and replaced by replaced by selected material	NA	
	(c) The backfill shall be completed in two stages (i) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfull shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	NA	
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	NA	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
	Horizontal Directional Drilling (HDD) method. Methodology for laying of electrical cable through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becoems inescapable.	NA .	
3	Draft License agreement signed by two witnesses.	YES	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016	As per applecable	
	Whether Performance Bank Guarnatee as Ministry's guidelines issued vide circular No. RW/NH-0-0-04/29/2015/5-6/8 (R) dated 22 11 2016 is optained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MoRTH per each crossing as demanded by NII/N/MoRTH.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines. Affidavit / undertaking from the Applicant for the	Not Submitted	
5	Affidavit / undertaking from the Applicant for the following is to be furnished	Enclosed	
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES, Enclosed	

Site Engineer

भारतीय राष्ट्रीय राजमार्ग प्रगीकरण/ National Highways Associty of India परियोजना कार्याच्या सन्दर्भ-आगरा

Project Imple: Son Unit-Agra

संजय[मर्मा/Sanjay Verma परियोजना निदेशक/Project जा भारतीय राज्यीय राजमार्ग प्राधिकरण् National Highways Authority परियोजना कार्यान्ययन क्काई—आगरा Project Implementation Unit-A

Elec an - III Dakshinanchal Vidyut vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
5.2	Undertaking for Renewal of Bank Guarantee as	YES, Enclosed	
5.2	and when asked by MoRTH/NHAI.	TES, Enclosed	
5.3	Undertaking for Confirming all standard conditions of Ministry Circulars and NHAI's guideline	YES, Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	YES, Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	YES, Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be pid by the applicant.	YES, Enclosed	
5.7	Undertaking that prior apporval of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs or alterations to the utility located in the National Highway right of ways.	YES, Enclosed	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage casued to the NationI Highway by the laying, maintanance or shifting of the utility line will be borne by the applicant agency owning the line.	YES, Enclosed	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued Vide Ministry's Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	YES, Enclosed	
5.10	Undertaing that the applicant has obtaind various safety clearences from the representative authorities such as Directorate of Electricity, Chief controller of Explosives. Petroleum and Explosive Safety organisation UTI Industry Safety Directrale State/Central Pollutino Control Board and any other statutory clearence's applicable. before applying to Highway Administration.	YES, Enclosed	
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work fo improvement or repairs to the road it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES, Enclosed	
5 12	Certificate from the applicant in the following format i) Laying of UG Cable/HDPE Pipe will not have any deleterious effects on any of the bridge components and roadway safety for traffic. ii) for O laving "we the underlake that I will relucate services road / approach road / utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.	YFO, Enclosed	

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

संजय वर्ना/Sanjay Verma National Highways Archerity of Ingel विवास निवेशक/Project Direc

परियोजना कार्यान्वयन इकाई-आपरा भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

Project Implementation Unit-AgraNational Highways Authority (1986) a परियोजना कार्यान्वयन इकाई-आगरा

Project Implementation Unit-/ 2

Election Distribution Division - III Dakshinanchal Vidyut Vitran Nigam Ltd.

S.No.	Item	Information/Status	Remarks
6	Who will sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	-	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	-	
	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibilityreport considering proposed structures at the said location (b) In case feasibility report is not available I do certify that sufficient ROW is available at site for accommodation proposed six-laning"	-	
8	If NH section proposed to be taken up by NHAI on BOT basis — s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation on build, operate and transfer basis and therefore, the license shall honor the same".	NA	
9	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe		
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On boalf of NHAI	Eupervision Consultant	

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संजय वर्मा/Sanjay Verma परियोजना निवेशक/Project Dife भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, National Highways Authority परियोजना कार्यान्ययन इकाई-आगरः Project Implementation Unit-/

> Executive Engineer
> Electricity Distribution Division - III
> Dakshinenchal Vidyut Vitran Nigam Ltd. W. W. A.

S.No.	Item	Information/Status	Remarks
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	-	
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

Executive Engineer Electricity Distribution Division - III Dakshinanchal Vidyut Vitran Nigam Ltd.

[Name, Designation and signature of concerned authority of NHAI/PIU/AGRA] संजय वर्मा/Sanjay Verma

परियोजना निदेशक/Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण,

National Highways Authority परिकार । अनुसारकार । काई-आगर

Project Implementation Unit-/ a

विय पाष्ट्रीय पाजनार्ग प्राणिकरण/ National Highways Authority of India परियोजना कार्यान्ययम इकाई-आवस Project Implementation Unit-Agra



CHECK - LIST

Guidelines for processing the proposal for laying electrical cable/HDPE Pipe accross National Highways vested with NHAI/PIU/AGRA.

Relevant Circulars

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approvel for laying of Electrical Cables/HDPE Pipe at NH-509 land.

S.No.	Item	Information/Status	Remarks
1	General Information	Work under New 11 KV Feeder for Separation of Agriculture Consumer and Associated work Agra Zone (Agra District) Project	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, Fatehabad Agra Uttar Pradesh	
1.2	National Highway Number	NH-509	
1.3	State	Uttar Pradesh	
1.4	Location	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 224.780 (NH 509 \(\text{Agra}\) Muradabad)	
1.5	(Chainage in Km)	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 224.780 (NH-509 Agra - Muradabad)	
1.6	Length in Meters	(23 Mtr. x 2 Run) x 1 Nos. = 46 Mtrs.	
1.7	vvidth of available ROW		
	(a) Left side from center line to tower towards	11.5 Mtr. From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line to tower increasing	11.5 Mtr. From center of road (As per drawing	
	chainage/Km direction	attached)	
1.8	Proposal to lay the cables	UG Electrical cable / HDPE Pipe	
	(a) Left side from center line towards	11.5 Mtr. From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line towards	11.5 Mtr. From center of road (As per drawing	
1.0	increasing chainage/Km direction	attached)	
1.9	Proposal to acquire land	No	
	(a) Left side from center line	NA .	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
	If not then where to lay the cable	Crossing at main carriageway (Below Road)	
	Details of already laid services, it any, along the proposed route	IOCL Pipe Line in Both Side	
	Number of existing lanes (2/4/6/8 Lanes)	2 Lane	
	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	No	
1.14	Service road existing or not	No	
	If yes then which side	NA	
	(a) Left side from center line	NA	
	(b) Right side from Center line	NA	
	Proposed Service road	NA	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
	Whether proposal to laying UG-Electrical Cable line		
	is afler the service road or between the	Crossing at main carriageway (Below Road)	
	service road and main carriageway	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Whether carrying of sewage/gas pipe line has		
	been propsoed on highway Bridges.	NA	
	f Yes, the mention the methodology	2.1	

Site Engine भारतीय राष्ट्रीय राजनार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्ययम् इस्टर्ड-आपरा Project Implementation Unit-Agra

संप्य भागि/Sanjay Verma
परिग्रजना निर्देशक/P.८ वर्षः
भारतीय राष्ट्रीय राजमार्ग अ...वर्षः
National Highways Au ...वर्षः
परियोजना कार्यान्वयन Page 1 of 6
Project Implementation Usu-

Electricity Distribution | Dakshinanchal Vidyut Vitran Nigam Ltd

S.No.	ltem	Information/Status	Remarks
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA	
	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	YES Electrical cable will be laid in 160mm HDPE Pipe with HDD method for crossing	
	a) Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b} Is it on a line normal to NH	YES	
	c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	HDPE Pipe 160mm Dia	
i	 Ends of the casing / conduit plpe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path. 	YES	
1	f) The casing / conduit pipe should, as minimum extend from drain to dain in cuts and toe of slop toe of slope in the fills.	YFS	
l s	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
r s e	n) Mention the methodology propseod for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	By HDD Method Drawing for methodology enclosed	
e	The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	As per NHAI Norms	
C	Occument / drawing enclosed with the proposal Fluss section snowing the size of the trench for open renching method.	Drawing Enclosed	
2.1 c. iii h d. th	Is it normal size of 1.6m (min) deep X 0.3 wide) Should not be greater than 60 cm wider than the outer diameter of the pipe. Located as close to the extreme edge of the ight-of-way as possible but not less than 15 neter from the centre-line of the nearest arriageway i) shall not be permitted to run along the National ighway when the road formation is situated in ouble cutting, Nor shall these be laid over ne existing culverts and bridges. b) These should be so laid that their top is tleast 0.6 meter below the ground level so as not to	Drawing Enclosed	
22 C	bstruct drainage of the road land. ross section showing the size of pit and ecation of pipe line for HDD method.	Drawing Enclosed	

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

प्रियाजना प्राचिकरण

विकारण

परियोजना निर्यान/
भारतीय राज्य वर्षाई—आगरा

National निर्याजना कि वर्षाई—आगरा

lementation Unit-Agra

Project Implementation Unit-

S.No.	Item	Information/Status	Remarks
2.3	Strip plan / Route plan showing the cables. chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	YES, Drawing Enclosed	
2.4	Methodology for laying of electrical cable	By HDD Method	
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.) If yes, methodology of refilling of trench.	NA	
	(a) The trench width should be alleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, bedding shall be to a depth of not less than 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 edged should be excavated and replaced by replaced by selected material		
	(c) The backfill shall be completed in two stages (i) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	NA	
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	NA	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA .	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.3	Horizontal Directional Drilling (HDD) method Methodology for laying of electrical cable through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becoems inescapable.	YFS NA	
3	Draft License agreement signed by two witnesses.	YES	
3.1 i	(R) dated 22.11.2016	As per applecable	
4	guidelines issued vide circular No. RW/NH- 33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MoRTH per each crossing as demanded by NHAI/MoRTH.	
T. 1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Not Submitted	
	Affidavit / undertaking from the Applicant for the following is to be furnished	Enclosed	
5.1 c	Undertaking for not to Damage any other utility. If	YES, Enclosed	

Site Engineer भारतीय राष्ट्रीय राजनार्ग प्राधिकरण भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Aghardy of India परियोजना निदेशक/Project का परियोजना कार्यान्वयन कार्यान्वयन

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण Project Implementation Agra National Highways Authority परियोजना कार्यान्वयन इकाई-आ Project Implementations of 6

S.No.	Item	Information/Status	Remarks
5.2	Undertaking for Renewal of Bank Guarantee		
5.2	as and when asked by MoRTH/NHAI.	YES, Enclosed	
127722	Undertaking for Confirming all standard		
5.3	conditions of Ministry Circulars and NHAI's	YES, Enclosed	
	guideline	1	
5.4	Undertaking for Indemnity against all damages and	YES, Enclosed	
	claims.		
5.5	Undertaking for management of traffic movement	VEC Francis	
3.3	during laying of utility line without hampering the traffic.	YES, Enclosed	
	Undertaking that if any claim is raised by the		
5.6	concessionaire/contractor then the same has to	YES, Enclosed	
	be pid by the applicant.	TEO, Enclosed	1
	Undertaking that prior apporval of the NHAI		
	shall be obtained before undertaking any		
5.7	work of the installation, shifting or repairs	YES, Enclosed	
	or alterations to the utility located in the National	government of the second contract of the seco	
	Highway right of ways.		
	Undertaking that expenditure, if any, incurred by		
San	NHAI for repairing any damage casued to		1
5.8	the Nationl Highway by the laying, maintanance or	YES, Enclosed	
	shifting of the utility line will be borne by the		
	applicant agency owning the line.		
	Undertaking that text of the license deed is as		
5 9	per verbatim of MoRTH format (issued Vide Ministry's Circular No. RW/NH-33044/29/2015/S&R	YES, Enclosed	1
	(R) dated 22.11.2016.	general en et entre de la transfer et dat de det entre de est	
	Undertaing that the applicant has obtaind		_
	various safety clearences from the representative		
	authorities such as Directorate of Electricity,		
	Chief controller of Explosives, Petroleum and		
5.10	Explosive Safety organisation UTI Industry	YES. Enclosed	
	Safety Direcotrate State/Central Pollutino		
	Control Board and any other statutory		
	clearence's applicable - before applying to Highway		
	Administration.		
	If the MoRTH/NHAI considers it necessary in		
	future to move the utility line for any work fo		
	improvement or repairs to the road it will be carried out as desired by the NHAI at the cost of the	YES, Enclosed	
	agency owning the utility line within a reasonable	TES, Eliciosed	
	time (not exceeding 60		
	days) of the intimation given.		
	Certificate from the applicant in the following		
	format		
	i) Laying of UG Cable/HDPE Pipe will not have any		
	deleterious effects on any of the bridge components		
	and roadway safety for traffic.		
5.12		YES, Enclosed	
	services road / approach road / utilities at my		
	own cost not withstanding the permission		
	granted within such time as will be stipulated by		
	NHAI for future six laning or any other		
	development.		

SHe Engineer

जानतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

कियोगस्य का यान

संजय वर्मा/Sanjay Verma

Project Impleme dance Unit-A प्रारोजना निवेशक/Project Data भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, National Highways Authority

National Highways Authors परियोजना कार्यान्ययम इकाई-आन Project Implementation Unit-/

S.No.	Item	Information/Status	Remark
6	Who will sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	-	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	-	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibilityreport considering proposed structures at the said location (b) In case feasibility report is not available I do certify that sufficient ROW is available at site for accommodation proposed six-laning"	-	
8 d	If NH section proposed to be taken up by NHAI on BOT basis — s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up gradation on build, operate and transfer basis and therefore, the icense shall honor the same".	NA	
9	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe	_	
(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam I imited, FDD Fatehabad Agra	
	b) On bealf of NI IAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
(6		Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	

Site Engineer भारतीय राष्ट्रीय राजपार्ग प्राधिकरण National Highways Authority of I

Project Implementation Unit-Agra

परियोजना निवेशक/P:० वटा आस्ताय राष्ट्रीय राजभार्ग प्राधिकरण National Highways Authority विशेषक अपरियोजना कार्यान्ययन इकाई-आगरा Project Implementation Unit-≜्रव

S.No.		Information/Status	Remarks
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	-	
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

[Name, Designation and signature of concerned authority of NHAI/PIU/AGRA]

संजय वर्मा/Sanjay Verma परियोजना निर्वेशक/Project Direct के भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, National Highways Authority के कि परियोजना कार्यान्ययन इकाई-आगरा Project Implementation Unit-Acta

Site Engineer भारतीय राष्ट्रीय राजमार्ग प्राविकरण/ National Highways Authority of India परियोजना कार्यान्ययन इकाई—आगरा Project Implementation Unit-Agra



CHECK - LIST

Guidelines for processing the proposal for laying electrical cable/HDPE Pipe accross National Highways vested with NHAI/PIU/AGRA.

Relevant Circulars

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approvel for laying of Electrical Cables/HDPE Pipe at NH-509 land.

S.No.	Item	Information/Status	Remarks
1	General Information	Work under New 11 KV Feeder for Separation of Agriculture Consumer and Associated work Agra Zone (Agra District) Project	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, Fatehabad Agra Uttar Pradesh	
1.2	National Highway Number	NH - 509	
1.3	State	Uttar Pradesh	
1.4	Location	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 221.400 (NH 509)	
1.5	(Chainage in Km)	Road crossing of UG Electrical Cable/HDPE Pipe (Two run) at Km. 221.400 (NH 509)	
1.6	Length in Meters	(23Mtr. x 2 Run) x 1 Nos. =46 Mtrs.	
1.7	Width of available ROW		
	(a) Left side from center line to tower towards	11.5 Mtr. From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line to tower increasing	11.5 Mtr. From center of road (As per drawing	
	chainage/Km direction	attached)	
1.8	Proposal to lay the cables	UG Electrical cable / HDPE Pipe	
	(a) Lett side from center line towards	11.5 Mtr. From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
	(b) Right side from center line towards	11.5 Mtr. From center of road (As per drawing	
	increasing chainage/Km direction	attached)	
1.9	Proposal to acquire land	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	No land acquisition required	
	If not then where to lay the cable	Crossing at main carriageway (Below Road)	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of existing lanes (2/4/6/8 Lanes)	2 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	NO	
	If yes then which side	NA	
	(a) Left side from center line	NA	
	(b) Right side from Center line	NA	
1.15	Proposed Service road	No	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
	Whether proposal to laying UG-Electrical Cable line		
1.16	is afler the service road or between the	Crossing at main carriageway (Below Road)	
	service road and main carriageway		
	Whether carrying of sewage/gas pipe line has		
	been propsoed on highway Bridges.	NA	
	If Yes, the mention the methodology		

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ensitivity: INT Construction Internal Use

प्राचित्रमां/Sanjay Verma प्रतिवाद्या निवेशक/P.o act Dire भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्ययन इकाई—आगरा Project Implementation विकारिक्टि

S.No.	Item	Information/Status	Remarks
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology	NA	
1.19	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	YES Electrical cable will be laid in 160mm HDPE Pipe with HDD method for crossing	
	a) Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b) Is it on a line normal to NH c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	As per NHAI Norms	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	HDPE Pipe 160mm Dia	
1	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	YES	
-	f) The casing / conduit pipe should, as minimum extend from drain to dain in cuts and toe of slop toe of slope in the fills.	YES	
1	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
: :	h) Mention the methodology propseod for crossing of road for the proposed UG electrical cable. Crossing shall be by boring method (HDD) specially wriere the existing road pavement is of cement concrete or dense bituminous concrete type.	By HDD Method Drawing for methodology enclosed	
- e) The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	As per NHAI Norms	
2 [Document / drawing enclosed with the proposal	Drawing Enclosed	
ti (i) co iii ri	Cross section showing the size of the trench for open renching method. Is it normal size of 1.6m (min) deep X 0.3 wide) Should not be greater than 60 cm wider than the outer diameter of the pipe. I) Located as close to the extreme edge of the ight-of-way as possible but not less than 15		
z.i c iii h d tt iv a	i) shall not be permitted to run along the National highway when the road formation is situated in louble cutting, Nor shall these be laid over the existing culverts and bridges. I) These should be so laid that their top is the struct drainage of the road land.	Drawing Enclosed	
	cross section showing the size of pit and ocation of pipe line for HDD method.	Drawing Enclosed	

Mational Highways Authority of India granten कार्यान्य कार्ड्-अगार्थ - Implementation Unit-Agra

संजय और Sanjay Verma
परियोजना निवेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
National Highways Authority of Inc.la
परियोजना कार्यान्ययन इकाई—आगरा
Project Implementatioीन89विPfgra

S.No.	Item	Information/Status	Remarks
2.3	Strip plan / Route plan showing the cables. chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	YES, Drawing Enclosed	
2.4	Methodology for laying of electrical cable	By HDD Method	
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.) If yes, methodology of refilling of trench.	NA -	
	(a) The trench width should be alleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, bedding shall be to a depth of not less than 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 edged should be excavated and replaced by replaced by selected material		
	(c) The backfill shall be completed in two stages (i) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	NA	
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	NA	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA VEO	
2.4.3	Horizontal Directional Drilling (HDD) method. Methodology for laying of electrical cable through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becoems nescapable.	YES NA	
3	Draft License agreement signed by two witnesses.	YES	
3.1 i	R) dated 22.11.2016	As per applecable	
4	guidelines issued vide circular No. RW/NH- 33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MoRTH per each crossing as demanded by NHAI/MoRTH.	
	Confirmation of RG has been obtained or not as per	Not Submitted	
5 f	Affidavit / undertaking from the Applicant for the ollowing is to be furnished	Enclosed	
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES, Enclosed	

Site Engineer भारतीय पाट्याय पाजमार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्ययन इकाई—आगरा Project Implementation Unit-Agra

संजंध वर्मा/Sanjay Verma परियोजना निदेशक/Project आर भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority को आर व परियोजना कार्यान्वयन इकाई—आगरा Project Implementation Unit-Acra Page 3 of 6

S.No.	Item	Information/Status	Remarks
5.2	Undertaking for Renewal of Bank Guarantee	YES, Enclosed	
	as and when asked by MoRTH/NHAI.	TEG, Endosed	
5.3	Undertaking for Confirming all standard conditions of Ministry Circulars and NHAI's	V50 5 4 4	
5.5	conditions of Ministry Circulars and NHAI's quideline	YES, Enclosed	
(Captorial)	Undertaking for Indemnity against all damages and	In Assert City of the Control of the	
5.4	claims.	YES, Enclosed	
	Undertaking for management of traffic movement		
5.5	during laying of utility line without hampering the	YES, Enclosed	
	traffic.	Control of the state of the sta	
	Undertaking that if any claim is raised by the		
5.6	concessionaire/contractor then the same has to	YES, Enclosed	
	be pid by the applicant.		
	Undertaking that prior apporval of the NHAI		
5.7	shall be obtained before undertaking any	V50 511	
5.7	work of the installation, shifting or repairs or alterations to the utility located in the National	YES, Enclosed	
	Highway right of ways.		
	Undertaking that expenditure, if any, incurred by		-
	NHAI for repairing any damage casued to		1
5.8	the NationI Highway by the laying, maintanance or	YES, Enclosed	1
	shifting of the utility line will be borne by the		
	applicant agency owning the line.		
	Undertaking that text of the license deed is as		1
5.9	per verbatim of MoRTH format (issued Vide	YES, Enclosed	
V21/4/14/2	Ministry's Circular No. RW/NH-33044/29/2015/S&R	125, 211010004	1
	(R) dated 22.11.2016. Undertaing that the applicant has obtaind		
	various safety clearences from the representative		
	authorities such as Directorate of Electricity,		
	Chief controller of Explosives. Petroleum and		
5.10	Explosive Safety organisation UTI Industry	YES, Enclosed	
	Safety Direcotrate State/Central Pollutino	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Control Board and any other statutory		
	clearence's applicable. before applying to Highway		
	Administration.		
	If the MoRTH/NHAI considers it necessary in		
	future to move the utility line for any work fo improvement or repairs to the road it will be carried		1
	있는 것이 있는 것이 있는 것이 없는 것이 없는 것이 하게 하는데 가면 없는데 없는데 없는데 없는데 없어요? 이 사람들이 없는데 없는데 없는데 하게 되었다면 없는데 요요? 그 사람들이 모든데 없는데	YES, Enclosed	1
	agency owning the utility line within a reasonable	red, Endlosed	
1	time (not exceeding 60		
	days) of the intimation given.		
	Certificate from the applicant in the following		
- 1	format		
) Laying of UG Cable/HDPE Pipe will not have any		
	deleterious effects on any of the bridge components		
	and roadway safety for traffic.	VF0 F11	
		YES, Enclosed	
	services road / approach road / utilities at my own cost not withstanding the permission		
	granted within such time as will be stipulated by		
	NHAI for future six laning or any other development.		

Bulle

Site Engineer भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्वयन इकाई-आगरा Project implementation Unit-Agra संजय वर्मा/Sanjay Verma
परियोजना निर्देशक/Project Director
मारतीय राज्येय राजमार्ग प्राधिकरण/
National Highways Authority of India
परियोजना कार्यान्वयन इकाई—आगरा
Project Implementation Unit-Agra

S.No.	Item	Information/Status	Remarks
6	Who will sign the agreement on behalf of Laying of UG electrical cable/HDPE Pipe	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	Power of Attorney to sign the agreement is available or not	YES	
7	The Project Director, will submit the following Certificates.	-	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	-	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the Water Supply pipe line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the hlghway nor the llkely future Improvement. Such as widening of the carriageway, easing of Curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the said location (b) In case feasibility report is not available I do certify that sufficient ROW is available at site for accommodation proposed six-lanning"		
8	If NH section proposed to be taken up by NHAI on BOT basis — a cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay public / duet, has also been granted as a right of the way to be concessional under the concession agreement for up gradation on build, operate and transfer basis and therefore, the license shall honor the same".	NA	
9	Who will supervise the work of laying of UG Electrical Cable/HDPE Pipe		
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and If not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
	(b) On bealf of NHAI	Supervision Consultant	

Ante

Site Engineer भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्वयन इकाई—आगरा Brotest Implementation Unit-Agra संजब वर्मा/Sanjay Verma
परियोजना निवेशक/Project Director
भारतीय राज्येय राजमार्ग प्राधिकरण/
National Highways Authority of India

परियोजना कार्यान्वयन इकाई-आगरा Project Implementation Unit-Agra

S.No.	Item	Information/Status	Remarks
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Executive Engineer, Dakshinanchal Vidyut Vitran Nigam Limited, EDD Fatehabad Agra	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	-	
13	If any previous approval is accorded for laying of UG electrical cable then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed	NA	

[Name, Designation and signature of the authorised representative of Applicant]

Executive Engineer
Electricity Distribution Division - III
Dakshinanchal Vidyut Vitran Nigam Ltd.

Jame Designation

[Name, Designation and signature of concerned authority of NHAI/PIU/AGRA]

संजय वर्मा/Sanjay Verma परियोजना निवेशक/Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India परियोजना कार्यान्ययन इकाई–आगरा Project Implementation Unit-Agra

Auto

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