



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

क्षेत्रीय कार्यालय, मदुरै / **Regional Office, Madurai**

दूसरा व तीसरा तल, विजय कृष्णा प्लाजा, सं. 1, लेक एरिया, मेलुर मैन रोड, माट्टुतावनी, मदुरै - 625107

2nd & 3rd Floor, Vijay Krishna Plaza, No. 1, Lake Area, Melur Main Road, Mattuthavani, Madurai - 625107

दूरभाष / Tele : +91-452-2588999 वेब / Website : www.nhai.gov.in ई.मेल / E-mail: romadurai@nhai.org



NHAI/15018/3.3/02/2025/RO Madurai/E:284820/1114

4th July, 2025

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, कराईकुडी - Requesting permission for the erection of 110/22 KV Electrical cable line with pole along the road from Km 137/990 to Km 140/000 (RHS) with 35 nos of RSJ poles for a total length of 2010 meters in Thanjavur to Manamadurai section (NH -36) - Invitation of Public Comments - Reg.

प्रसंग: PD,Karaikudi Lr. No. 12034/30/2025- PIU KKDI/E-284820/664 dated 11.06.2025.

The Proposal is regarding permission for erection of 110/22 KV Electrical cable line with pole along the road from Km 137/990 to Km 140/000 (RHS) with 35 nos of RSJ poles for a total length of 2010 meters in Thanjavur to Manamadurai section (NH -36) in the State of Tamil Nadu by M/s NM Green Energy India Pvt. Ltd., Tiruppur has been submitted to this office by the PD, Karaikudi Lr. No. 12034/30/2025- PIU KKDI/E-284820/664 dated 11.06.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2) The alignment proposed by M/s NM Green Energy India Pvt. Ltd., Tiruppur for erection of 110/22 KV Electrical cable line with pole along the road from Km 137/990 to Km 140/000 (RHS) with 35 nos of RSJ poles for a total length of 2010 meters in Thanjavur to Manamadurai section (NH -36) is as detailed under:

Stretch in Km	Length (m)	Available ROW (m)	Distance of erection from C/L (m)		Remarks
			LHS	RHS	
Along NH-36: Km 137/990 to Km 140/000 (RHS)	2010	45	-	28	Electrical line with 35 Nos. of RSJ 12m pole.

3) The Right of Way is 45 m in the aforesaid stretch. M/s NM Green Energy India Pvt. Ltd., Tiruppur has proposed for erection of 110/22 KV Electrical cable line with pole along the road from Km 137/990 to Km 140/000 (RHS) with 35 nos of RSJ poles for a total length of 2010 meters in Thanjavur to Manamadurai section

Page 1 of 2

NHAI/15018/3.3/02/2025/RO Madurai/E:284820/ 1114

4th July, 2025

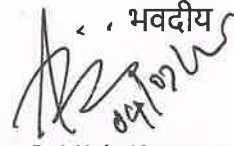
(NH -36) in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) M/s NM Green Energy India Pvt. Ltd., Tiruppur has furnished an Undertaking that they will not cause damage to any other Utility and if any damage, then have to pay the loss to NHAI or concerned agency. Further, mentioned that M/s NM Green Energy India Pvt. Ltd., Tiruppur will shift the EB lines/Poles when requested by the NHAI at their own cost.

5) As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016 the proposal submitted by the applicant will be made available for public comments and the comments is invited within 30 days from the day of uploading.

In view of the above, comments of the public on the above proposal is invited to the below mentioned address:

Regional Officer,
National Highways Authority of India,
No.2nd & 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road, Mattuthavani,
Madurai - 625 007.


(एस .अजित कुमार | S.Ajith Kumar)
प्रबंधक (तक) | Manager (Tech)
क्षे.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

1. The NIC, New Delhi - for uploading in the Ministry's website.
2. PD, Karaikudi - for information.

List of Correspondences

Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1297717/2025/PIU - Karaikudi	NHAI – PIU, Karaikudi – Requesting permission for the Erection of 110/22 KV Electrical cable line with pole of NH-36 Road (Thanjavur to Manamadurai section) on along the road @ Km.137/990 to Km.140/000 (RHS) along the length of 2010m & total no of RSJ pole 35 nos, total length of 2010meters Tamil Nadu state – Proposal submitted – Approval – Requested – Reg.	Receipt		11/06/2025 09:06 pm		1-80	-



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

उप महाप्रबंधक (तकनीकी) सह परियोजना निदेशक के कार्यालय

परियोजना कार्यान्वयन इकाई - कारैकुडी

Office of the Deputy General Manager (Tech) & Project Director

Project Implementation Unit - Karaikudi

नं.1, दूसरी मंजिल, सुब्रमण्यपुरम तीसरी स्ट्रीट, कारैकुडी - 630 002

No. 1, 2nd Floor, Subramaniapuram 3rd Street, Karaikudi - 630 002

दूर / Tele : +91-4565 230707 ई-मेल / E-mail : karaikudipiu@gmail.com, karaikudi@nhai.org



12034/30/2025- PIU KKDI/E-284820/664

11th June 2025

To

The Regional Officer,
National Highways Authority of India,
Regional Office, Madurai.

Sir,

Sub: NHAI - PIU, Karaikudi - Requesting permission for the Erection of 110/22 KV Electrical cable line with pole of NH-36 Road (Thanjavur to Manamadurai section) on along the road @ Km.137/990 to Km.140/000 (RHS) along the length of 2010m & total no of RSJ pole 35 nos, total length of 2010meters Tamil Nadu state - Proposal submitted - Approval - Requested - Reg.

- Ref: 1. M/s. NM Green Energy Private Limited, Tiruppur, Lr. No. Nil, dated: Nil (Received on 07.04.2025).
2. RE, M/s. Bloom office letter Lr No.002/Bloom/RE/T-M/NH-36/2025/738, dt:15.04.2025.
3. M/s. NM Green Energy Private Limited, Tiruppur, Lr. No. Nil, dated: 03.05.2025 (Received on 06.05.2025).
4. RE, M/s. Bloom office letter Lr No.002/Bloom/RE/T-M/NH-36/2025/AM-24/767, dt:15.05.2025.

It is to submit that the Authorized Signatory, M/s. NM Green Energy Pvt. Ltd., vide reference 3rd cited has submitted the proposal seeking permission for Erection of 110/22 KV Electrical cable line with pole of NH-36 Road (Thanjavur to Manamadurai section) on along the road @ Km.137/990 to Km.140/000 (RHS) along the length of 2010m & total no of RSJ pole 35 nos, total length of 2010meters.

2. The same has been forwarded to the Supervision Consultant for offering their comments. The Resident Engineer, M/s.Bloom Companies, Pudukkottai vide reference 4th cited has informed that the site has been inspected and verified the proposal and found to be in order.

3. On scrutiny of the proposal, the following details are submitted:

- The Authorized Signatory, M/s. NM Green Energy Pvt. Ltd., has proposed the erection of 110/22KV Electrical cable line with pole of NH-36 Road (Thanjavur to Manamadurai section) on along the road @ Km.137/990 to Km.140/000 (RHS) along the length of 2010m & total no of RSJ pole 35 nos, total length of 2010meters.
- The said proposal has been submitted in NOC portal and its application No. 20250405/2/15/37677/16023.
- The width of existing ROW 45 m.

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National Highways Authority of India

- d) The strip plan showing the details of proposed erection of 110/22KV Electrical cable line with poles and necessary checklist are furnished along with the proposal.
 - e) The Authorized Signatory, M/s. NM Green Energy Pvt. Ltd., has given undertaking that they will relocate electrical cable lines / utilities at their cost notwithstanding the permission granted within such time as stipulated by NHAI for future 4 laning or any other development.
 - f) The Authorized Signatory, M/s. NM Green Energy Pvt. Ltd., has given undertaking on non-judicial stamp paper, that they will pay the fee/rent as mentioned in the MoRT&H Guidelines / Circular No.RW/NH-33044/29/ 2015/S&R (R) dated 22.11.2016 as and when asked by NHAI.
 - g) The track rent and restoration charges to be collected from the agency are calculated as per the MoRT&H Guidelines / Circular No.RW/NH-33044/29/ 2015/S&R (R) dated 22.11.2016 and subsequent amendments.
 - h) The cost of restoration charges for the erection of 110/22KV Electrical cable line with poles is worked out as **Rs.2,01,000/- (Rupees Two Lakh and One Thousand Only)** for which the applicant is required to furnish the BG having validity upto one (1) year as per the **Annexure-I.**
 - i) The track rent to be collected for erection of 110/22KV Electrical cable line with poles along / across the road is for five years as **Rs.5,70,553/- (Rupees Five Lakh Seventy Thousand Five Hundred and Fifty Three Only)** for which the applicant is required to be remitted in Bharatkosh Portal valid for upto Five (5) years period as per details in NOC portal.
 - j) The statement showing the list of utility services already approved by the Competent Authority is enclosed as **Annexure-II.**
 - k) Certificate by the undersigned is enclosed as **Annexure-III.**
 - l) The site will be restored to the original condition by the applicant.
4. In view of the above, it is requested that the necessary permission may please be granted to the Authorized Signatory, M/s. NM Green Energy Pvt. Ltd., for Erection of 110/22 KV Electrical cable line with pole of NH-36 Road (Thanjavur to Manamadurai section) on along the road @ Km.137/990 to Km.140/000 (RHS) along the length of 2010m & total no of RSJ pole 35 nos, total length of 2010meters in the state of Tamil Nadu at an early date.

Encl: 1 No. of Original Proposal with references.

Yours faithfully,
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(B. Arun Prasad),
DGM(T) & Project Director,
PIU, Karaikudi.

Copy to: The Authorized Signatory, M/s. NM Green Energy Pvt. Ltd., Tiruppur.

National Highways Authority of India

ANNEXURE-I

Performance security against the restoration work for erection of 110/22 KV Electrical cable line with pole of NH-36 Road (Thanjavur to Manamadurai section) on along the road @ Km.137/990 to Km.140/000 (RHS) along the length of 2010m & total no of RSJ pole 35 nos, total length of 2010meters

Sl. No.	Description	Length in mtrs.	
A.	Electrical cable line with pole on along the road @ Km.137/990 to Km.140/000 (RHS) along the length of 2010m & total no of RSJ pole 35 nos, total length of 2010meters		
	Km.137/990 to Km.138/763 (RHS)	=	773
	Km.138/763 to Km.140/000 (RHS)	=	1237
	Total length	=	2010
	Cost of Restoration Charges @Rs.100.00 per running meter (2010 x 100)	=	201000
Grant Total			201000
			Say Rs.2.01 Lakhs

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ANNEXURE-IIICERTIFICATE OF THE PROJECT DIRECTORNAME OF THE WORK:-

Proposal for Erection of 110/22 KV Electrical cable line with pole of NH-36 Road (Thanjavur to Manamadurai section) on along the road @ Km.137/990 to Km.140/000 (RHS) along the length of 2010m & total no of RSJ pole 35 nos, total length of 2010meters in State of Tamil Nadu.

It is certified that,

1. The proposal is found to be in order as per the Ministry Circular.
2. The proposal if implemented will not affect design stability & traffic safety.
3. The proposal if approved will be entered in the register for records of permission.
4. The proposal for crossing if implemented will not get affect due to the widening of the road in near future. Further, the Authorized Signatory, M/s. NM Green Energy Pvt. Ltd, Tiruppur has given undertaking that they will relocate electrical supply lines at their own cost notwithstanding the permission granted within such time as stipulated by NHAI for future development.

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LICENSE FEES FOR PUBLIC UTILITY (Rs/Sqm/Annum)

Utilized NH Land area X Prevailing Circle Rate of Land per Unit area X 10% per annum

ANNEXURE-II

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	Width in (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)	LICENSE FEE (PRIVATE UTILITY) (Rs)
		FROM	TO						
1	Melavaniyankudi	137.990	138.763	RHS	773	1.625	1256	3510	440900
2	Kadambankulam	138.763	140.000	RHS	1237	1.625	2010	645	129653
TOTAL					2010		3266.25		570553

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Annexure-III**Maintaining Records of Right-of-Way permission granted for laying of utilities**

1. Name of State : TAMIL NADU
 2. Name of Agency : NATIONAL HIGHWAYS AUTHORITY OF INDIA, PIU, KARAIKUDI
 3. NH Number : THIRUMAYAM - MANAMADURAI SECTION OF NH 226 (NEW NH 36)

Sr. No.	Location (chainage in km)	Left or Right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of Service	Name of License and contact address	Date of signing agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MoRT&H Standard norms	Remarks
1	Along the road from Km.134/430 to Km.134/550 (RHS) and Km.134/550 to Km.150/930(LHS) and across the road at Km.124/700 & Km.134/550 and across the road crossing at Km.137/150 (LHS); Km.140/020 (LHS)	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Sivagangai	18.02.2022	17.02.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.4.3/2019/RO Madurai/E:96983/548, dt:18.02.2022.
2	Along the road from Km.94/400 to Km.95/900 (RHS) [63mm dia]; and Km.105/200 to Km.110/000 (RHS) [140mm dia]; by open trench method and across the road at Km.94/400; Km.96/000; Km.97/300; Km.106/700; Km.109/400 & Km.110/000	RHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.3.5/2019/RO Madurai/E:119950/841, dt:23.03.2022
3	Along the road 914mm dia pipe from Km.95/900 to Km.98/200 (RHS) by open trench method & across the road at Km.95/900 by trenchless method	RHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.7.6/2019/RO Madurai/E:118232/842, dt:23.03.2022
4	Along the road 63mm dia HDPE pipe from Km.113/850 to Km.114/600 (LHS); 50mm dia HDPE pipe from Km.114/600 to Km.114/780 (LHS) by open trench method & across the road at Km.114/600 by trenchless method	LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.7.6/2019/RO Madurai/E:118232/843, dt:23.03.2022
5	Along the road from Km.148/380 to Km.152/600 (RHS); Km.152/600 to Km.153/330 (BHS); Km.153/330 to Km.153/480 (RHS) and across the road at Km.151/530; Km.153/020 & Km.153/330	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Sivagangai	06.07.2022	05.07.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.3.6/2019/RO Madurai/E:121577/1878, dt:07.07.2022.
6	Along the road from Km.119/100 to Km.131/800 (LHS) & across @ Km.124/340 & Km.129/390	LHS	Thirumayam - Manamadurai section of NH 226	Optical Fibre Cable	The Authorized Signatory, M/s.Telesonic Networks Ltd., Chennai.	26.08.2022	25.08.2027	-	-	RO, Madurai approval letter No.NHAI/15018/3.4.9/2021/RO Madurai/E:129048/2107, dt:26.08.2022.

Sr. No.	Location (chainage in km)	Left or Right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of Service	Name of License and contact address	Date of signing agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MoRT&H Standard norms	Remarks
7	Along the road from Km.117/600 to Km.121/000 RHS & crossing at Km.117/550 & Km.120/950	RHS	Thirumayam - Manamadurai section of NH 226	Over Head Electrical Lines & Poles	Managing Director, M/s. Shri Dhanalakshmi Spintext Pvt. Ltd., Coimbatore.	-	-	-	-	RO, Madurai accorded in-principle approval in Lr.No.2360, dt:30.09.2022. Applicant submitted License Agreement on 29.05.2023 and the same was forwarded to RO, Madurai on 02.06.2023 for execution. RO sought BG confirmation & the same is awaited from applicant.
8	Along the road from Km.148/445 to Km.152/080 RHS & across at Km.152/080	RHS	Thirumayam - Manamadurai section of NH 226	Over Head Electrical Lines & Poles	The Authorized Signatory, M/s.First Energy TN 1 Pvt. Ltd., Chennai.	-	-	-	-	RO, Madurai accorded in-principle approval vide letter No.NHAI/15018/3.3/01/2022/RO-Madurai/E-424753/351, dt:04.03.2023. Applicant has to submit the License Agreement for execution.
9	Across the road at Km.100/600 & Km.102/280	BHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	16.06.2023	15.06.2028	-	-	RO, Madurai accorded in-principle approval vide letter No.NHAI/15018/4.3.10/2022/RO Madurai/E:142067/116, dt:24.01.2023. Final approval issued on 16.06.2023.
10	Along the road from Km.133/700 to Km.134/400 (LHS) & across at 24 locations	LHS	Thirumayam - Manamadurai section of NH 226	Optical Fibre Cable	The General Manager (Projects-2), TANFINET, Chennai	-	-	-	-	RO, Madurai accorded in-principle approval vide letter No.NHAI/15018/3.3/05/2023/RO-Madurai/1047, dt:26.06.2023. Applicant has to submit the License Agreement for execution.
11	Along the road from Km.100/600 to Km.102/450 (LHS); Km.105/050 to Km.105/200 (LHS)	LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, Project Division, Karaikudi	-	-	-	-	RO, Madurai accorded in-principle approval vide letter No.NHAI/15018/4.3/15/2023/RO-Madurai/E-214663/1289, dt:25.07.2023. Applicant has to submit the License Agreement for execution.

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Sr. No.	Location (chainage in km)	Left or Right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of Service	Name of License and contact address	Date of signing agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MoRT&H Standard norms	Remarks
12	Along the road from Km.148/400 to Km.152/000 (RHS) and across @ Km.152/000	RHS	Thirumayam - Manamadurai section of NH 226	Over Head Electrical Lines & Poles	The Authorized Signatory, M/s. Sree Jayamurugan Alloys Pvt. Ltd., Salem	-	-	-	-	RO, Madurai accorded in-principle approval letter No.NHAI/15018/3.3/03/2022/RO-Madurai/E-198179/1311, dt:27.07.2023. Applicant has to submit the License Agreement for execution.
13	Along the road from Km.119/000 to Km.124/000; Km.125/130 to Km.126/800 (RHS); Km.119/150 to Km.119/800 (LHS) & across at 6 locations.	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, Project Division, Karaikudi	21.08.2023	20.08.2028	-	-	RO, Madurai approval letter No.NHAI/15018/4.3/16/2023/RO-Madurai/E:170328/1496, dt:21.08.2023.
14	Along the road from Km.129/580 to Km.131/800 & Km.134/450 to Km.135/000 (RHS); Km.129/500 to Km.134/450 (LHS); Km.129/580 to Km.129/630 (RHS); Km.129/500 to Km.129/530 (LHS); Km.131/850 to Km.131/950 (LHS) and across at 4 locations.	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, Project Division, Karaikudi	29.08.2023	28.08.2028	-	-	RO, Madurai approval letter No.NHAI/15018/4.3/05/2023/RO-Madurai/E:184506/1596, dt:29.08.2023
15	Along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS); Km.143/630 to Km.145/480 (LHS); Km.141/970 to Km.142/400 (RHS) and across at 7 locations	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, Project Division, Karaikudi	-	-	-	-	RO, Madurai accorded in-principle approval letter No.NHAI/15018/4.3/13/2023/RO-Madurai/E-184508/1602, dt:30.08.2023. Applicant has to submit the License Agreement for execution.
16	Along the Road from Km.98+280.00 to Km.102+280.00 (RHS)	RHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	The Executive Engineer, TWAD Board, RWS Division, Sivagangai	-	-	-	-	RO, Madurai accorded approval letter No.NHAI/15018/4.3/03/2024/RO-Madurai/E-256106/1137, dt:07.08.2024.

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Lr.No. 002/Bloom/RE/T-M/NH-36/2025/AM-24/767

Date:-15.05.2025

To,

The Deputy General Manager (T) cum Project Director,
 National Highway Authority of India,
 Project Implementation Unit,
 Karaikudi.

Project: Consultancy Services for Supervision Consultants (SC) of Operations & Maintenance of
 (ii) From Km 77+200 to Km 154+929 on Tirumayam - Manamadurai Sections of NH 36
 (Old NH-226) in the state of Tamil Nadu.

Subject: **Requesting permission for the erection of 110/22KV electrical cable line with pole along the road from km 137+990 to km 140+000 RHS for a total length of 2010 m & total 35 No. of RSJ poles on Tirumayam - Manamadurai Highway Section of NH 226/36(New) - Comments on proposal - Report Sought for - Reg.**

Ref: 1) 12034/30/2025-PIU KKDI/535, dated: 07.05.2025.
 2) M/s. NM Green Energy Private Limited, Tiruppur, Lr. No. Nil, dated: 03.05.2025
 (Received on 06.05.2025).

Dear Sir,

With reference to the above subject and cited letters, the proposal regarding seeking permission for the erection of 110/22KV electrical cable line with pole along the road from km 137+990 to km 140+000 RHS for a total length of 2010 m & total 35 No. of RSJ poles on Tirumayam - Manamadurai Highway Section of NH 226/36(New) has been verified and found in order.

The permission shall be accorded to the M/s. NM Green Energy Private Limited, Tiruppur with the following conditions,

- The work should be as per the submitted layout drawings, undertaking Agreement and as per the MoRT&H Guidelines & Norms of Circular no. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.
- The erection of EB poles shall be located as close to the edge of the right-of-way (ROW).
- No damage to the existing highway, other utilities, avenue plantation and road furniture shall be accepted during the erection of EB poles.
- Proper safety arrangements and necessary cautionary boards shall be made available during the time of erection of EB poles.
- There shall not be any hindrance to the free flow of traffic in Tirumayam to Manamadurai highway during the erection of EB poles.

This is for your kind information.

Thank You

Yours Sincerely

G. Arul Muthiah
G. Arul Muthiah 15/05/25

Highway Maintenance cum Resident Engineer
 NH-226/36(New),
 Pudukottai.

Encl: Booklet as received.

PIU - KARAIKUDI	
DATE :	15.05.2025
DIARY No :	705
PD	<i>[Signature]</i>
MR (TECH)	
D.MGR (TECH)	<i>[Signature]</i>
ACCT.	
LAO	
SECTION	SE-8

M/s. N M GREEN ENERGY PRIVATE LIMITED
 Reg Off: No.15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C.MARKET,
 COIMBATORE, TIRUPPUR, TAMIL NADU, INDIA, 641604
 CIN: U35105TZ2023PTC029904
 Mail ID: cakishorem@gmail.com

To

Date: 03.05.2025

The Project Director,
 NHAI - PIU,
 Karaikudi.

Sub: Erection of 110/22 KV Electrical Cable Line with Pole of NH - 36 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010meters in the state of Tamil Nadu, National Highways - Proposal Resubmitted - Approval Requested-Reg.

Ref: 1. M/s. NM Green Energy Private Limited, Tiruppur, Lr. No. Nil, dated: Nil (Received on 07.04.2025).

2. RE, M/s. Bloom office letter Lr No.002/Bloom/RE/T-M/NH-36/2025/738 dated 15.04.2025.

3. PD, NHAI, Karaikudi Letter No. 12034/30/2025-MORE KKDI/463, Dated 19.04.2025.

Sir,

The has reference letter forwarding certain observations pointed out by Project Director, Karaikudi on the above proposal. In this context we are Re-submitting the proposal duly rectifying/modifying the drawings.

Considering the above points, it is kindly requested to issue access permission for the above subject. We shall be grateful if you could arrange to inspect and recommend our proposal for issue of permission to Erection of 110/22 KV Electrical Cable Line with Pole.

We ensure you that, to follow all the rules & regulation & safety precaution at the period of Erection of 110/22 KV Electrical Cable Line with Pole.

Thanking you Sir,

Yours faithfully,

For M/s. N M GREEN ENERGY PRIVATE LIMITED

For N.M. GREEN ENERGY PVT. LTD.

R. Akh.

Authorized Signatory

(Authorized Signatory)

PIU - KARAIKUDI	
DATE :	06.05.2025
DIARY No :	676
PD	<i>[Signature]</i>
FOR (S)	<i>[Signature]</i>
By (S)	<i>[Signature]</i>
ACCT.	
LAO	
SECTION	SE-3

Application Details [20250405/2/15/37677/16023]	
Highway	NH226 [Nh226]
Name of Highway Authority	NHAI Dwarka New delhi
Highway Administration Address	Karaikudi Karaikudi
Name of Applicant/Oil Company	N M GREEN ENERGY PRIVATE LIMITED Address: NO 15 RVE LAYOUT 3RD CROSS STREET THENNAMPALAYAM T C MARKET , TIRUPPUR (TAMIL NADU), PIN: 641604 Phn: 8489384648 Email: gowthamrp87@gmail.com
Application Category	Industrial Utility
Utility	Power Cables
State	TAMIL NADU
Type	New
Remarks	Erection of 110/22 KV Electrical Cable Line with Pole of NH - 36 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010meter
Submitted On	03 May 2025 11:35:50

Details		
1. Length in Meters *		2010
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		15m 17
II. Right side from center line towards increasing chainage OR km direction *		15m 28
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		NA
II. Right side from center line towards increasing chainage OR km direction *		14m 97
4. Proposal to acquire the land		
I. Left side from center line *		Nil
II. Right side from center line *		No
5. Whether proposal is in the same side where land is not to be acquired *		No
If not then where to lay the cable *		NA
6. Details of already laid services if any along the proposed route *		No
7. Number of Existing lanes *		2 Lane
8. Proposed number of lanes *		4 Lane
9. Service road Exists *		No
10. Proposed Service road		
Left side from center line		0
Right side from center line		0

11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *		Along utility corridor at ROW edge
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *		Considered for approval based on the Ministries circular
13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *		NA / The pole shall be erect for overhead only
I. Whether the existing drainage structures are allowed to carry utility pipeline. *		NA / The pole shall be erect for overhead only
II. Is it on a line normal to NH? *		Yes
III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *		15.00
IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. *		NA / The pole shall be erect for overhead only
V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path *		NA / The pole shall be erect for overhead only

VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *		NA / The pole shall be erect for overhead only
VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *		NA / The pole shall be erect for overhead only
VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. *		NA / The pole shall be erect for overhead only
14. Whether the proposal satisfies the following:		
I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *		NA / The pole shall be erect for overhead only
II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *		NA / The pole shall be erect for overhead only

III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. *		NA / The pole shall be erect for overhead only
IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. *		NA / The pole shall be erect for overhead only
V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. *		NA / The pole shall be erect for overhead only
15. Document/Drawings enclosed with the proposal *		Yes
I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *		NA / The pole shall be erect for overhead only
II. Cross section showing the size of pit and location of cable for HDD method *		NA / The pole shall be erect for overhead only

III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *		Yes
IV. Methodology of laying of the Utility Pipeline/OFC *		Yes
V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *		NA / The pole shall be erect for overhead only
(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *		NA / The pole shall be erect for overhead only
(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *		NA / The pole shall be erect for overhead only
(c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust *		NA / The pole shall be erect for overhead only

(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *		NA / The pole shall be erect for overhead only
(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *		NA / The pole shall be erect for overhead only
(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *		NA / The pole shall be erect for overhead only
(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *		NA / The pole shall be erect for overhead only
VI. Horizontal Directional Drilling (HDD) Method *		NA / The pole shall be erect for overhead only
VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *		No
16. Draft license Agreement signed by two witnesses. *		Yes
I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *		Applicable at later date
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *		Yes

I. Confirmation of BG has been obtained as per MoRTH guidelines *		Yes
18. Affidavit/Undertaking from the Applicant for following is to be furnished		
a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *		Yes
b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *		Yes
c) Undertaking Confirming all standard condition of Ministry's guidelines. *		Yes
d) Undertaking for indemnity against all damages and claims *		Yes
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *		Yes
f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *		Yes
g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *		Yes
h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *		Yes

i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *		Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *		Yes
k) Certificate from the applicant in the following format		
l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development		
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *		M/s. N M GREEN ENERGY PRIVATE LIMITED, No. 15, RVE Layout, 3rd Cross St, Thennaampalayam, T.C. Market, Tiruppur – 641604, Tamilnadu State.
20. The Power of Attorney is in favour of authorized signatory? *		Yes

Locations						
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	TAMIL NADU	SIVAGANGAI	NH226 [Nh226] (0.00-154.93) From Km: 1 To Km: 140	Chainage Point: 137.99 Lat: 9.839 Lng: 78.475	Chainage Point: 140 Lat: 9.82 Lng: 78.479	View

Documents				
Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	--
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	--
4	Under Submission	Safety Clearance from Directorate of Electricity	No	--
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	--
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	--
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	--
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	--
9	Under Submission	Any Other Statutory Clearance as applicable	No	--

Applicable Fee Details					
Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	377325.00	

PROPOSAL FOR ERECTION OF 22 KV ELECTRICAL CABLE LINE POLE IN NH ~~226~~
ROAD [THANJAVUR - MANAMADURAI SECTION] ON ALONG THE ROAD @
KM.137/990 TO KM.140/000 (RHS) ALONG THE LENGTH OF 2010M & TOTAL
NO OF RSJ POLE 35 NOS, TOTAL LENGTH OF 2010 METERS, TAMILNADU.

SUBMITTED TO



THE DGM (TECH) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PROJECT IMPLEMENTATION UNIT
Karaikudi.

HIGHWAY ADMINISTRATION



THE DGM (TECH) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
'REGIONAL OFFICE'
2nd & 3rd Floor Vijay Krishna Plaza,
No.1, Lake Area, Mattuthavani,
Madurai - 625 007

APPLICANT

M/s. N M GREEN ENERGY PRIVATE LIMITED,
No. 15, RVE Layout, 3rd Cross St,
Thennaampalayam, T.C. Market,
Tiruppur - 641604, Tamilnadu State.

M/s. N M GREEN ENERGY PRIVATE LIMITED
Reg Off: No.15, RVE LAYOUT, 3RDCROSS ST, THENNAAMPALAYAM, T.C.MARKET,
COIMBATORE, TIRUPPUR, TAMIL NADU, INDIA,641604
CIN: U35105TZ2023PTC029904
Mail ID: cakishorem@gmail.com

To

Date:

**The Project Director,
NHAI - PIU,
Karaikudi.**

Through Proper Channel

Dear Sir,

Sub: Erection of 110/22 KV Electrical Cable Line with Pole of NH -226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010meters Tamilnadu State – Requesting of permission - Regarding.

We submit herewith the proposal for according permission for Erection of 110/22 KV Electrical Cable Line with Pole of NH -226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010meters in the prescribed format, along with detailed drawing and check list.

We request that necessary permission may kindly be accorded so as to enable to Erection of 110/22 KV Lines with Pole and the restoration charges intimated to the above address for making payment.

We assure that, on receipt of approval from Competent Authority, the work will be completed within as earliest.

Thanking You

Yours Faithfully,

For M/s. N M GREEN ENERGY PRIVETE LIMITED

For N.M. GREEN ENERGY PVT. LTD.

R. Akh

Authorized Signatory

(Authorized Signatory)

R. Chy

Restoration Charges to be collected for Erection of 110/22 KV Electrical Cable Line with Pole of NH -22,6 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010 meters meters, Tamilnadu State.

Cost of Restoration Charges Along the Road @ Rs. 100/- per meter (2010m x Rs. 100/-) Km.137/990 to Km.140/000 (RHS) =2010m	Rs.2,01,000/-
Restoration Charges	Rs.2,01,000/-
Centage Charges 23.5%	Rs.47235 /-
Total Restoration Charges	Rs.2,48,235 /-

For **N.M. GREEN ENERGY PVT. LTD.**

R. Chy

Authorized Signatory

License fee to be collected for Erection of 110/22 KV Electrical Cable Line with Pole of NH-226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 at Length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010 meters meters, Tamilnadu State.						
Sl No	Description	Length in m	Width in m	Area occupie d in Sqm	Guidelin e Value (Rs.) per Sqm	License Fees (Rs / sqm / month)
A. Along the Road						
1	Melavaniyankudi Km.137/990 to Km.138/763	773.00	0.1	77.30	3510.00	4069.85
2	Kadambankulam Km.138/763 to Km.140/000	1237.00	0.1	123.70	645.00	1196.80
	Sub Total - I	2010.00		201.00		5266.64
B. Proposed Pole						
1	Melavaniyankudi - RSJ Pole (14 Nos)	14	1	14.00	3510.00	737.10
2	Kadambankulam - RSJ Pole (21 Nos)	21	1	21.00	645.00	203.18
	Sub Total - II	35.00		35.00		940.28
Total Area to be utilised (Sub Total I + II)						6206.92

Total License fee =Rs.6206.92 Annum Say Rs.6210/- (Minimum Rs.10000/-)

License For Public Utility for 1 Year ₹ 10,000.00

License For Public Utility for 2 Year ₹ 10,600.00

License For Public Utility for 3 Year ₹ 11,236.00

License For Public Utility for 4 Year ₹ 11,910.16

License For Public Utility for 5 Year ₹ 12,624.77

Total License For Public Utility for 5 Year ₹ 56,370.93

For N.M. GREEN ENERGY PVT. LTD.

D. ally
Authorized Signatory

License fee to be collected for Erection of 110/22 KV Electrical Cable Line with Pole of NH 234 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 at Length of 2010m & Total no of RSJ Pole 35 Nos. Total Length of 2010 meters meters, Tamilnadu State.						
Sl No	Description	Length in m	Width in m	Area occupied in Sqm	Guideline Value (Rs.) per Sqm	License Fees (Rs / sqm / month)
A. Along the Road						
1	Melavaniyankudi Km.137/990 to Km.138/763	773.00	0.1	77.30	3510.00	4069.85
2	Kadambankulam Km.138/763 to Km.140/000	1237.00	0.1	123.70	645.00	1196.80
	Sub Total - I	2010.00		201.00		5266.64
B. Proposed Pole						
1	Melavaniyankudi - RSJ Pole (14 Nos)	14	1	14.00	3510.00	14004.90
2	Kadambankulam - RSJ Pole (21 Nos)	21	1	21.00	645.00	3860.33
	Sub Total - II	35.00		14.00		14004.90
Total Area to be utilised (Sub Total I + II)						19271.54

Total License fee =Rs.19271.54 Annum Say Rs.19272/- (Minimum Rs.10000/-)

License For Public Utility for 1 Year	₹ 19,272.00
License For Public Utility for 2 Year	₹ 20,428.32
License For Public Utility for 3 Year	₹ 21,654.02
License For Public Utility for 4 Year	₹ 22,953.26
License For Public Utility for 5 Year	₹ 24,330.46

Total License For Public Utility for 5 Year ₹ 108,638.06

For N.M. GREEN ENERGY PVT. LTD.

R. Chy
Authorized Signatory

3/30/25, 11:18 AM

Inspector General of Registration - Tamil Nadu

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GUIDELINE VALUE & PROPERTY VALUATION

Guideline Value relating to 2.19 lakhs streets and over 4.46 Crores Survey Numbers/Subdivision numbers are available on this site for query.

For Property Valuation, Click on the Street Name from the Street List, where the property is located.

From: 1-7-2024 To: Current Date [To know your Zone and District Click Here](#)

View Guideline value for:

☐ Street ☒ Survey Number ☐
Composite Value

Select Criteria :

☒ Category Wise ☐ Survey Number
Wise

Zone:*

Sub Registrar Office:*

Ramanathapuram



Sivagangai Joint II



Registration Village:*

Land Category*

MELAVANIYANKUDI (SIVAGANGAI)



Residential Class I Type - I



FOR N.M. GREEN ENERGY PVT. LTD.

R. Chy
Authorized Signatory

Search

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3/30/25, 11:18 AM

Inspector General of Registration - Tamil Nadu

Search Criteria :

Zone:	RAMANATHAPURAM	Sub Registrar Office:	SIVAGANGAI JOINT II
Guideline Village:	MELAVANIYANKUDI (SIVAGANGAI TOWN LIMIT)	Revenue Village:	SIVAGANGAI [URBAN]
Revenue District:	SIVAGANGAI	Revenue	SIVAGANGAI

Below Search results are as on 30-Mar-2025 11:17 AM

120 items found, displaying 1 to 10.

[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	113/1	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
2	113/3	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
3	114/1	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
4	114/3	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
5	133/1	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
6	134/1	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
7	134/4	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
8	75/3	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
9	80/1	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
10	80/10	326/ Square Feet	3510/ Square Metre	Residential Class I Type - I	01-Jul-2024	-

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For **N.M. GREEN ENERGY PVT. LTD.**

Online Services

Authorized Signatory

3/30/25, 11:14 AM

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For Property Valuation, Click on the Street Name from the Street List, where the property is located.

From: 1-7-2024 To: Current Date [To know your Zone and District Click Here](#)

View Guideline value for:

☐ Street ☒ Survey Number ☐
Composite Value

Select Criteria :

☒ Category Wise ☐ Survey Number
Wise

Zone:*

Sub Registrar Office:*

Ramanathapuram



Sivagangai Joint II



Registration Village:*

Land Category*

KADAMBANKULAM @ KEELAVA



Residential Class I Type - I



For N.M. GREEN ENERGY PVT. LTD.

Authorized Signatory

Search

Reset

3/30/25, 11:14 AM

Inspector General of Registration - Tamil Nadu

Search Criteria :

Zone:	RAMANATHAPURAM	Sub Registrar Office:	SIVAGANGAI JOINT II
Guideline Village:	KADAMBANKULAM @ KEELAVANIYANKUDI	Revenue Village:	KADAMBANKULAM
Revenue District:	SIVAGANGAI	Revenue	SIVAGANGAI

Tatuka.

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348 items found, displaying 1 to 10.

[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u>12/2A2A1A</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Aug-2024	-
2	<u>12/2A2A1B</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Aug-2024	-
3	<u>12/2A2A2</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
4	<u>12/2A2A3</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
5	<u>12/2A2A4</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
6	<u>12/2A2B</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
7	<u>130/1</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
8	<u>130/10</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	15-Aug-2024	-
9	<u>130/2</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Jul-2024	-
10	<u>130/3</u>	60/ Square Feet	645/ Square Metre	Residential Class I Type - I	01-Jul-2024	-

Go Back To Main Menu

For **N.M. GREEN ENERGY PVT. LTD.**

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CHECK - LIST

Guidelines for Project Directors for processing the proposal for erection of 22KV Electrical Line with Pole in the land across National Highways vested with NHA1.

• **Relevant circulars**

- 1) Ministry Circular No. NH-III/P/66/76 dated 19.11.1976
- 2) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 3) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 4) Ministry Circular No. RW/NH-22044/29/2015-S&R (R) dated 22.11.2016

Check list for getting approval for erection of 22KV Electrical Line with Pole NH land

S.No	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	M/s. N M GREEN ENERGY PRIVATE LIMITED, No. 15, RVE Layout, 3rd Cross St, Thennaampalayam, T.C. Market, Tiruppur - 641604, Tamilnadu State.	
1.2	National Highway Number	NH- 226 R. Alf	
1.3	State	TamilNadu	
1.4	Location	(Thanjavur to Manamadurai Section)	
1.5	(Chainage in km)	Along the road @ Km.137/990 to Km.140/000 (RHS)	
1.6	Length in Meter	2010.00 meters	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	Maximum = 18.0m, Minimum = 16.0m	
	(b) Right side from center line towards increasing chainage / km direction	Maximum = 29.0m, Minimum = 27.0m	
1.8	Proposal to erection of electrical pole		
	(a) Left side from center line towards increasing chainage/ km direction	NA	

For N.M. GREEN ENERGY PVT. LTD.

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S. Anand Kumar
RESIDENT ENGINEER Cum
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M/s. Bloom/CPC/JR
T-P & T-M - PDK

B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAUKUDI

	(b) Right side from center line towards increasing chainage/ km direction	Maximum = 28.0m, Minimum = 26.0m	
1.9	Proposal to acquire land		Already acquired
	(a) Left side from center line	Nil	
	(b) Right side from center line	Nil	
1.10	Whether proposal is in the same side where land is not to be acquired	No	
	If not then where to erection of Electrical Line with Pole	The pole shall be laid at the extreme edge of ROW.	
1.11	Details of already laid services, if any, along the proposed route	Nil	
1.12	Number of lanes (2/ 4/ 6/8 lanes) existing	2 lanes with Paved Shoulder & Service Road	
1.13	Proposed Number of lanes (2 lanes with paved shoulders/4 / 6/8 lanes)	4 lanes with Paved Shoulder & Service Road	
1.14	Service road existing or not	Not	
	If yes then which side		
	(a) Left side from center line	Nil	
	(b) Right side from center line	Nil	
1.15	Proposed Service Road	Nil	
	(a) Left side from center line	Nil	
	(b) Right side from center line	Nil	
1.16	Whether proposal to erection of 22KV Electrical Line with Pole is after the service road or between the service road and main carriageway	Along utility corridor at ROW edge	
1.17	The permission for erection of 22KV Electrical Line with Pole shall be considered for approval / rejection based on the Ministry Circulars mentioned as above	Considered for approval based on the Ministries circular	
1.18	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	NA	The pole shall be erect for overhead only

For N.M. GREEN ENERGY PVT. LTD.

R. City.

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S. Arul anandiah
RESIDENT ENGINEER Cum
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M/s. Bloom/CPC/JR
T-P & T-M - PDK

E. SURESH
DGM(T) & Project Director,
National Highways Authority of India.
P.O. - KARAIKUDI

	(a) Existing drainage structures shall not be allowed to carry the lines.	NA	The pole shall be erect for overhead only
	(b) Is it on a line normal to NH	Yes	
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters. What is the distance from the existing structures	NA	The pole shall be erect for overhead only
	(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.	NA	The pole shall be erect for overhead only
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	NA	The pole shall be erect for overhead only
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	NA	The pole shall be erect for overhead only
	(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	NA	The pole shall be erect for overhead only
	(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.	NA	The pole shall be erect for overhead only
2	Document / Drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide)		

For N.M. GREEN ENERGY PVT. LTD.

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33

S. Anil Kumar
 RESIDENT ENGINEER Cum
 HIGHWAY MAINTENANCE
 M/s. Bloom/CPC/JR
 T.P & T.M - PDK

B. Anon Prasad
 B. ANON PRASAD
 DGM(T) & Project Director
 National Highways Authority of India
 PIU - KARAIKUDI

	<p>(i) Should not be greater than 60 Cm wider than the outer diameter of the pipe</p> <p>(ii) located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway</p> <p>(iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges</p> <p>(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	NA	The pole shall be erect for overhead only
2.2	Cross section showing the size of pit and location of cable for HDD method	NA	The pole shall be erect for overhead only
2.3	Strip plan/ Route Plan showing erection of 22KV Electrical Line with Pole, Chainage, width of ROW, distance of proposed, pole from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes	
2.4	Methodology for erection of 22KV Electrical Line with Pole	Yes	
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	The pole shall be erect for overhead only
	(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	NA	The pole shall be

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R. S. S.

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34

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 M/s BloomCPC/JR
 T.P&T-M-PDK

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 National Highways Authority of India
 PIU - KARAIKUDI

	(c) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	The pole shall be erect for overhead only
	(d) The side fill shall consist of granular material laid in 15 cm 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. (e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	NA	The pole shall be erect for overhead only
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	NA	The pole shall be erect for overhead only
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	The pole shall be erect for overhead only
2.4.2	Horizontal Directional Drilling (HDD) Method	NA	The pole shall be erect for overhead only
2.4.3	Erection of 110/22KV Electrical Line with Pole through CD works and method of laying	No	
3	Draft License Agreement signed by two witnesses	Yes	
4	Performance Bank Guarantee in favor of NH has to be obtained @ Rs. 100/- per running meter (parallel to NH)		

For **N.M. GREEN ENERGY PVT. LTD.**

R. Chy.

Authorized Signatory

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S. Arun Prasad
 RESIDENT ENGINEER (HDD)
 HIGHWAY MAINTENANCE
 M/s. Bloom/CPC/JR
 IP&M - PDK

B. Arun Prasad
B. ARUN PRASAD
 DGM(T) & Project Director
 National Highways Authority of India
 PIU - KARAIKUDI

	and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NH to the licensee for clearing debris/loose earth.	Applicable at later date	
4.1	Performance BG as per above is to be obtained.	Applicable at later date	
4.2	Confirmation of BG has been obtained as per NH guidelines	Yes	
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NH or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirming all standard condition of NH's guideline	Yes	
5.4	Shifting of erection of 22KV Electrical Line with Pole and 22KV Transformer as and when required by NH at their own cost	Yes	
5.5	Shifting due to 6 lanning / widening of NH	Yes	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes	
5.7	Traffic movement during laying of erection of 110/22KV Electrical Line with Pole to be managed by the applicant	Yes	
5.8	If any claim is raised by the Concessionaire, then the same has to be paid by the applicant	Yes	

For **N.M. GREEN ENERGY PVT. LTD.**

R. Arun

Authorized Signatory

B. Arun Prasad
 RESIDENT ENGINEER Cum
 HIGHWAY MAINTENANCE
 M/s. BloomCPC/JR
 T-P & T-M - PDK

B. Arun Prasad
B. ARUN PRASAD
 DGM(T) & Project Director
 National Highways Authority of India
 PIU - KARAUKUDI

5.9	Prior approval of the NH shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the erection of 22KV Electrical Line with Pole located in the National highway right of way.	Yes	
5.10	Expenditure, if any, incurred by NH for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the erection of 110/22KV Electrical Line with Pole will be borne by the agency owning the line.	Yes	
5.11	If the NH considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NH at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format (i) Laying of erection of 110/22KV Electrical Line with Pole will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) for 4 -laning "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NH" for future four - laning or any other development."	Yes	
6.	Who will sign the agreement on behalf of erection of 22KV Electrical Line with Pole agency	M/s. N M GREEN ENERGY PRIVATE LIMITED, No. 15, RVE Layout, 3rd Cross St, Thennaampalayam, T.C. Market, Tiruppur - 641604, Tamilnadu State.	

For N.M. GREEN ENERGY PVT. LTD.

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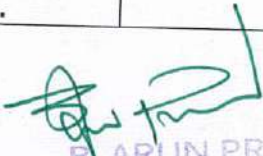
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RESIDENT ENGINEER Cum
HIGHWAY MAINTENANCE

M/s. Bloom/CPC/JR

TIRUPPUR



 B. ARUN PRASAD
 DGM(T) & Project Director
 National Highways Authority of India
 Karaikudi

7	Certificate from the Divisional Engineer		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995 and Ministry Circular No. RW/NH-22044/29/2015-S&R (R) dated 22.11.2016.	Yes	
7.2	Certificate from DE in the following format (i) <i>"It is certified that any other location of the Electric cable would be extremely difficult and unreasonable costly and the installation of Electric cable within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc"</i> .	Yes	
	(ii) for 4 -laning (a) Where feasibility is available <i>"I do certify that there will be no hindrance to proposed four-laning based on the feasibility report considering proposed structures at the said location"</i> . (b) In case feasibility report is not available <i>"I do certify that sufficient ROW is available at site for accommodating</i>	Yes	
8	If NH section proposed to be taken up by NH on BOT basis - a clause is to be inserted in the agreement. <i>"The permitted Highway on which Licensee has</i>		

For N.M. GREEN ENERGY PVT. LTD.

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38
 S. Arun Prasad
 RESIDENT ENGINEER cum
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 M/s. Bloom/CPC/UR
 T-P & T-M - PDK

B. ARUN PRASAD
 DGM(T) & Project Engineer
 National Highways Authority of India
 Karaikudi

	<p>been granted the right to erection of Electrical Line with Pole has also been granted as a right of way to the concessionaire under the concession agreement for up <i>q. ch</i> gradation of NH -226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 and therefore, the licensee shall honour the same."</p>	Yes	
9	Who will supervise the work of erection of 22KV Electrical Line with Pole	<i>age 57</i> Concessionaire/ Consultant/NH	
10	Who will ensure that the defects in road portion after laying of erection of 22KV Electrical Line with Pole are corrected and if not corrected then what action will be taken.	Concessionaire/ Consultant	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	M/s. N M GREEN ENERGY PRIVATE LIMITED, No. 15, RVE Layout, 3rd Cross St, Thennaampalayam, T.C. Market, Tiruppur - 641604, Tamilnadu State.	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Yes	
13	If any previous approval is accorded for erection of 22KV Electrical Line with Pole, then Photocopy of register of records of permissions accorded as maintained by PD may be enclosed.	Yes	

For **N.M. GREEN ENERGY PVT. LTD.***R. ch*
Authorized Signatory

S. Aral
RESIDENT ENGINEER Cum
HIGHWAY MAINTENANCE
M/s. Bloom/CPC/JR
39 & T-M - PDK

Arjun
B. ARUN PRASAD
The Project Director
National Highway Authority of India
PIU - KARAIKUDI



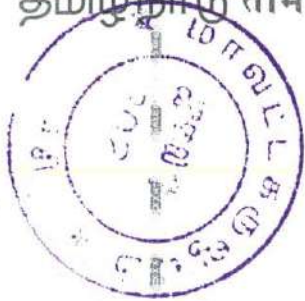
தமிழ்நாடு தமில்நாடு TAMILNADU

26 OCT 2024

DX 420652

NM GREEN ENERGY PRIVATE LIMITED
TIRUPPUR

அ. ஷம்ஷாத், மு.வி
தொழிலாளர் நீதி மன்றம்
மாவட்ட நீதி மன்ற வளாகம்
எண்: 2/2000, திருச்சி
செல் எண்: 93451 61811



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

Agreement to Erection of 110/22 KV Electrical Cable Line with Pole of NH -226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010 meters in the state of Tamil Nadu, National Highways.

This Agreement made this _____ day of _____ (month) _____ of (year) between _____ acting in his executive capacity through _____ (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context include his successors in office and assigns) on the one part, an **M/s. N M GREEN ENERGY PRIVATE LIMITED, No. 15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C. MARKET, TIRUPPUR - 641604**, (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors / administrator assignees on the second part.

For N.M. GREEN ENERGY PVT. LTD.

R. G. G.
Authorized Signatory

Whereas the Authority is responsible, ^{R.ally.} inter-alia, for development and maintenance of lands in NH -226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010 meters, in the state of Tamil Nadu, National Highways.

Whereas the Licensee Proposes to lay Telecom cable / OFC cable / electrical cable Line / Pipe line / ducts etc., referred to as utility services in subsequent paras.

Whereas the Licensee ^{R.ally.} has applied to the Authority for permission to lay utility services in NH -226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010 meters in the state of Tamil Nadu, National Highways.

And whereas the Authority has agreed to grant such permission for way leave on the NH ROW as per terms and conditions hereinafter mentioned.

Now this agreement witnesseth that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permissions to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely:

1. Row permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway. Row is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions / scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the Row and any subsequent user will be permitted to use the Row, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled, Decision of the Authority in relation to fulfilment of technical requirements shall be final and Binding on all concerned parties. In case any disruption / damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging, finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility industrial infrastructure facilities.

For **N.M. GREEN ENERGY PVT. LTD.**

^{R.ally.}
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4. The Licensee shall pay license fees @ Rs./sq m/month to the Authority. The Licensee fee shall become payable from the date of handing over of Row land to the Licensee, for laying of utilities/electrical cables lines/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m a wide utility corridor on either side of the extreme edge of Row. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The Utility services shall be laid at the edge of the ROW. In case of restricted width of ROW, which may be adequate only to accommodate the carriageway; central verge, shoulders, slopes of embankment, drains, other road side furniture etc: the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/ parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the authority shall be payable by the Licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level. However, any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority.

For **N.M. GREEN ENERGY PVT. LTD.**

R. ch

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11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing /conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the electrical cable line containing the utility services to cross the road shall be at least 11m top of the existing road level whichever is lower. A typical sketch showing the clearances is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30cm. but not more than 60cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - i. Bedding shall be to a depth not less than 30cm. it shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - ii. The backfill shall be completed in two stages (i) side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - iii. The side fill shall consist of granular material laid in 15cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted.
 - iv. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the highway Authority.

For **N.M. GREEN ENERGY PVT. LTD.**
R. Aravind
 Authorized Signatory

17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank guarantee @Rs. Per route metre /Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority its designated agency as a security against improper restoration of ground in terms of filling / unsatisfactory compaction damages caused to other underground installations utility services & interference, interruption, disruption, or failure caused thereof any services etc. in case of licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.
21. The Licensee shall shift the utility services within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities/underground installations/facilities etc. The Licensee shall ensure the safety and security of already existing underground installations / utilities / facilities etc. before commencement of the excavation /using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.

For N.M. GREEN ENERGY PVT. LTD.

R. ally
Authorized Signatory

23. The Licensee shall be solely responsible / liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them / claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of Licensee is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorised representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day, filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The Licensee shall indemnify the concerned agency in co- ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.

For **N.M. GREEN ENERGY PVT. LTD.**

R. ally

Authorized Signatory

30. The permission shall be valid only for it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway/and/property. Other than what is herein expressly granted. No use of NH ROW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorised representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The Utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellations nor shall it be absolved from any liability already incurred.

For **N.M. GREEN ENERGY PVT. LTD.**

Authorized Signatory

38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- Operation, repair and maintenance guidelines given by the manufacturers.
 - The requirements of Law.
 - The physical conditions at the Site, and
 - The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the ROW.
42. Any disputes in interpretation of the terms and condition of this agreement or their implementation shall be referred to the redress mechanism prevailing in the ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in Mutual agreement with the respective project concessionaires. MoRT&H/NHAI/implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

For N.M. GREEN ENERGY PVT. LTD.

R. A. S.
Authorized Signatory

This agreement has been made in duplicate, each on a stamp paper, each Party to this Agreement has retained one stamped copy each.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI _____
(Signature, name & address with stamp)

SIGNED ON BEHALF OF **M/S. N M GREEN ENERGY PRIVATE LIMITED, No. 15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C. MARKET, TIRUPPUR - 641604.** (LICENSEE)

BY SHRI _____
(Signature, name& address with stamp)
HOLDER OF GENERAL POWER OF ATTORNEY DATED _____ EXECUTED IN
ACCORDANCE WITH THE RESOLUTION NO. _____ DATED _____
PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON

IN THE PRESENCE OF (WITNESSES)

1.

2.

For **N.M. GREEN ENERGY PVT. LTD.**
R.ally
Authorized Signatory



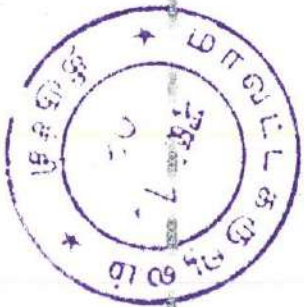
தமிழ்நாடு தமில்நாடு TAMILNADU

26 OCT 2024

DX 420653

NM GREEN ENERGY PRIVATE LIMITED
TIRUPPUR

அ. அருண்.
மாவட்ட நிதி மன்றம்
மாவட்ட நிதி மன்ற வளாகம்
எண்: 2/2000, திருச்சி
செல் எண்: 93451 61811



Annexure-V

UNDERTAKING

We, M/s. N M GREEN ENERGY PRIVATE LIMITED, No. 15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C. MARKET, TIRUPPUR - 641604, Tamilnadu State. Erection of 110/22 KV Electrical Cable Line with Pole of NH - 26 Road (Thanjavur to Manamadurai Section) - on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010 meters Tamilnadu State.

We here by undertake the Standard Conditions of NHAJ Guidelines:

- Not to Damage to Other Utility, if damaged then to pay the losses either to NHAJ or to the concerned agency:** Regarding the location of other electrical cable line, underground installation/utilities etc, M/s. N M GREEN ENERGY PRIVATE LIMITED shall be responsible to ascertain from the respective agency in coordination with NHAJ. M/s. N M GREEN ENERGY PRIVATE LIMITED shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.

For N.M. GREEN ENERGY PVT. LTD.

R. Agy
Authorized Signatory

2. Renewal of Bank Guarantee: M/s. N M GREEN ENERGY PRIVATE LIMITED shall furnish a Bank Guarantee @ Rs100/- per running meter to the NHAI, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for erection of 110/22 KV Double Circuit electrical cable with pole by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to The Assistant Engineer for clearing debris/loose earth. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee M/s. N M GREEN ENERGY PRIVATE LIMITED shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of The Assistant Engineer failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good the damages caused by excavation, at the cost of The Assistant Engineer and recover the amount by invoking the bank guarantee furnished by M/s. N M GREEN ENERGY PRIVATE LIMITED, 15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C. MARKET, TIRUPPUR - 641604, Tamilnadu State.

3. Confirming all standard conditions of NHAI:

- (i) The period of validity of Way permission shall be co-terminus with the validity of licensee given by the Ministry of Communications / DoT.
- (ii) The 110/22 KV Double Circuit electrical cable line with pole shall be laid at the edge of the right of way within 2m utility corridors.
- (iii) The top of the electrical cable line shall be at least 11m from existing road.
- (iv) The licensee has to cross the NH in case any damage is caused to the road pavement in this process, The Assistant Engineer will be required to restore the same to the original condition at his own cost.
- (v) No trenching will be done on link road, boring method will be used in link road and 110/22 KV Double Circuit electrical cable line with pole will be laid at the extreme edge of the road in the non-BT surface only.
- (vi) The licensee shall inform/give a notice to the NHAI, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs100/- per meter length for maintenance/ repair work shall have to be furnished by The Assistant Engineer.

For N.M. GREEN ENERGY PVT. LTD.

R. A. J.

Authorized Signatory

- (vii) Each day, the extent of erection of 110/22 KV Double Circuit electrical cable line with pole should be strictly regulated so that cables are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NHAI.
- (viii) The Licensee shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the erection of 110/22 KV Double Circuit electrical cable line with pole.
- (ix) The NHAI has a right to terminate the permission or to extend the period of agreement. In case the Assistant Engineer wants shifting, repairs or alteration to 110/22 KV Double Circuit electrical cable with pole, he will have to furnish a separate bank guarantee.
- (x) The Licensee shall not without prior permission in writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said 110/22 KV Double Circuit electrical cable with pole.
- (xi) The permission granted shall not in any way be deemed to convey to The Assistant Engineer any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
- (xii) During the subsistence of this agreement, the erection 110/22 KV Double Circuit electrical cable with pole located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of The Assistant Engineer to the use thereof shall not become absolute and indefeasible by laps of time.
- (xiii) The Assistant Engineer shall bear the stamp duty charged for the agreement.
- (xiv) The 110/22 KV Double Circuit electrical cable with pole shall not be brought in to use by M/s. N M GREEN ENERGY PRIVATE LIMITED unless a completion certificate to the effect that the erection of 22 KV Double Circuit electrical cable with pole has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
- (xv) Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the for breach of any condition of the same and The Assistant Engineer shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.

For N.M. GREEN ENERGY PVT. LTD.

R. G. G.

Authorized Signatory

(xvi) The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NHAI is required to do some emergent work The Assistant Engineer will provide an observer within 24 hours. NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.

(xvii) The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement of the License with Department of TNEB and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope of M/s. N M GREEN ENERGY PRIVATE LIMITED.

4. **Shifting of 110/22KV Double Circuit electrical cable with pole as and when required by NHAI:** M/s. N M GREEN ENERGY PRIVATE LIMITED shall shift the 110/22 KV Double Circuit electrical cable with pole within 90 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the 110/22 KV Double Circuit electrical cable with pole, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk
5. **Shifting due to 6 lining / widening of NH:** After the termination/expiry of the agreement, M/s. N M GREEN ENERGY PRIVATE LIMITED shall remove the 110/22 KV Double Circuit electrical cable with pole within 90 days and the site shall be brought back to the original condition failing which the M/s. N M GREEN ENERGY PRIVATE LIMITED However, before taking up the work of removal of 22 KV Double Circuit electrical cable with pole M/s. N M GREEN ENERGY PRIVATE LIMITED shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.
6. **Traffic movement during erection of 110/22 KV Double Circuit electrical cable with pole to be managed by the applicant:** If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of M/s. N M GREEN ENERGY PRIVATE LIMITED.

For **N.M. GREEN ENERGY PVT. LTD.**

R.ally
Authorized Signatory

7. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** M/s. N M GREEN ENERGY PRIVATE LIMITED shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of M/s. N M GREEN ENERGY PRIVATE LIMITED. The concerned agency in co-ordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by M/s. N M GREEN ENERGY PRIVATE LIMITED. If fails to comply with the condition 5 and 6 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the M/s. N M GREEN ENERGY PRIVATE LIMITED.
8. **We, M/s. N M GREEN ENERGY PRIVATE LIMITED, 15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C. MARKET, TIRUPPUR – 641604, Tamilnadu State,** hereby do undertake to furnish a Performance Bank Guarantee @100/- per meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installation utility services & interference interruption, disruption of failure caused thereof to any services etc. In case, M/s. N M GREEN ENERGY PRIVATE LIMITED. Failing to discharge the obligation of making good the damages caused due to erection, the NHAI shall have a right to make good the damages caused due to erection at the cost of the M/s. N M GREEN ENERGY PRIVATE LIMITED. And recover the amount by invoking the Bank Guarantee. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, M/s. N M GREEN ENERGY PRIVATE LIMITED. Shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
9. Not to damage to other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.
10. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission within a period of 11 months from the date of issue of the Bank Guarantees, The Assistant Engineer shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
11. We will relocate Cable lines/Utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lining or any other development."

For N.M. GREEN ENERGY PVT. LTD.

R.ally
Authorized Signatory

12. We, M/s. **N M GREEN ENERGY PRIVATE LIMITED, 15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C. MARKET, TIRUPPUR - 641604, Tamilnadu State**, hereby undertake that "The existing avenue plantation is not affect due to the present proposed Erection of 110/22 KV Electrical Cable Line with Pole of NH -225 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010 meters Tamilnadu State.
13. We, M/s. **N M GREEN ENERGY PRIVATE LIMITED, 15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C. MARKET, TIRUPPUR - 641604, Tamilnadu State**, hereby undertake that the pay the fee /rent as mentioned in the Ministry's Guidelines Lr. No. RW/NH- 33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI.
14. Lr. No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI. Reference Circular issued by Ministry of Road Transport & Highways, GOI, Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016. Where in, the last paragraph that "The Highway Administration Rules 2004 will be modified accordingly. This circular will come in to effect from the date of notification of the modified Highway Administration Rule" So we hereby give our constant to abide by the content of this circular from the date of its notification by MORTH, GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.

Yours Faithfully,

For M/s. **N M GREEN ENERGY PRIVATE LIMITED.,**

For N.M. GREEN ENERGY PVT. LTD.

R. Arthy

Authorized Signatory

(Authorized Signatory)



தமிழ்நாடு தமில்நாடு TAMILNADU

26 OCT 2024

DX 420655

N M GREEN ENERGY PRIVATE LIMITED
TIRUPPUR

அ. அம்மாநாத், மு.வி
தொழிலாளர் நீதி மன்றம்
மாவட்ட நீதி மன்ற வளாகம்
எண்: 2/2004-18
செல் எண்: 93451 61811

Annexure-VI

INDEMNITY BOND

Name of Work: Erection of 110/22 KV Electrical Cable Line with Pole of NH -226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010 meters, Tamilnadu State, National Highways, Karaikudi.

Indemnity against all damages and claims as per Sl. No. 5.6 of Checklist

We, M/s. N M GREEN ENERGY PRIVATE LIMITED, No. 15, RVE LAYOUT, 3RD CROSS ST, THENNAAMPALAYAM, T.C. MARKET, TIRUPPUR – 641604, Tamilnadu State, do hereby indemnify Project Director, National Highways Authority of India, Project Implementation Unit, binding ourselves to pay all the losses and claims in respect of Erection of 110/22 KV Electrical Cable Line with Pole of NH -226 Road (Thanjavur to Manamadurai Section) on Along the road @ Km.137/990 to Km.140/000 (RHS) Along the length of 2010m & Total no of RSJ Pole 35 Nos, Total Length of 2010meters, Tamilnadu State or maintenance thereof and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof in relation there to. Failing such payments of claims in the above work we abide in accepting for recovery of such claims affected from any of our assets.

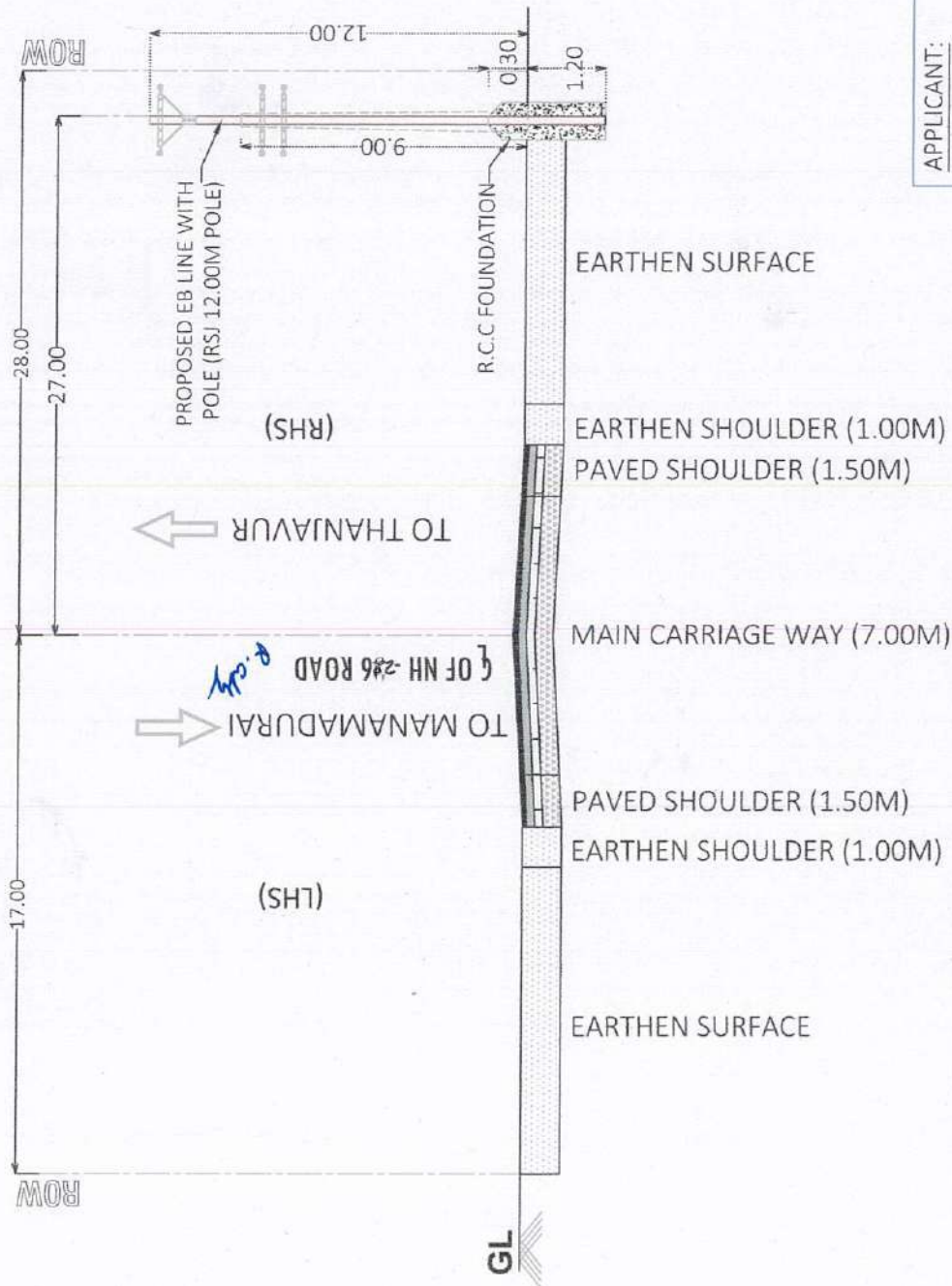
Yours Faithfully,

M/s. N M GREEN ENERGY PRIVATE LIMITED

For N.M. GREEN ENERGY PVT. LTD.

(Authorized Signatory)

Authorized Signatory



APPLICANT:

NH-26 ROAD (THANJAVUR TO MANAMADURAI SECTION)

ALONG THE ROAD @ KM 137/990 TO KM 138/200, KM 138/600 TO KM 139/000,

KM 139/200 TO KM 139/400,

SCALE - N T S

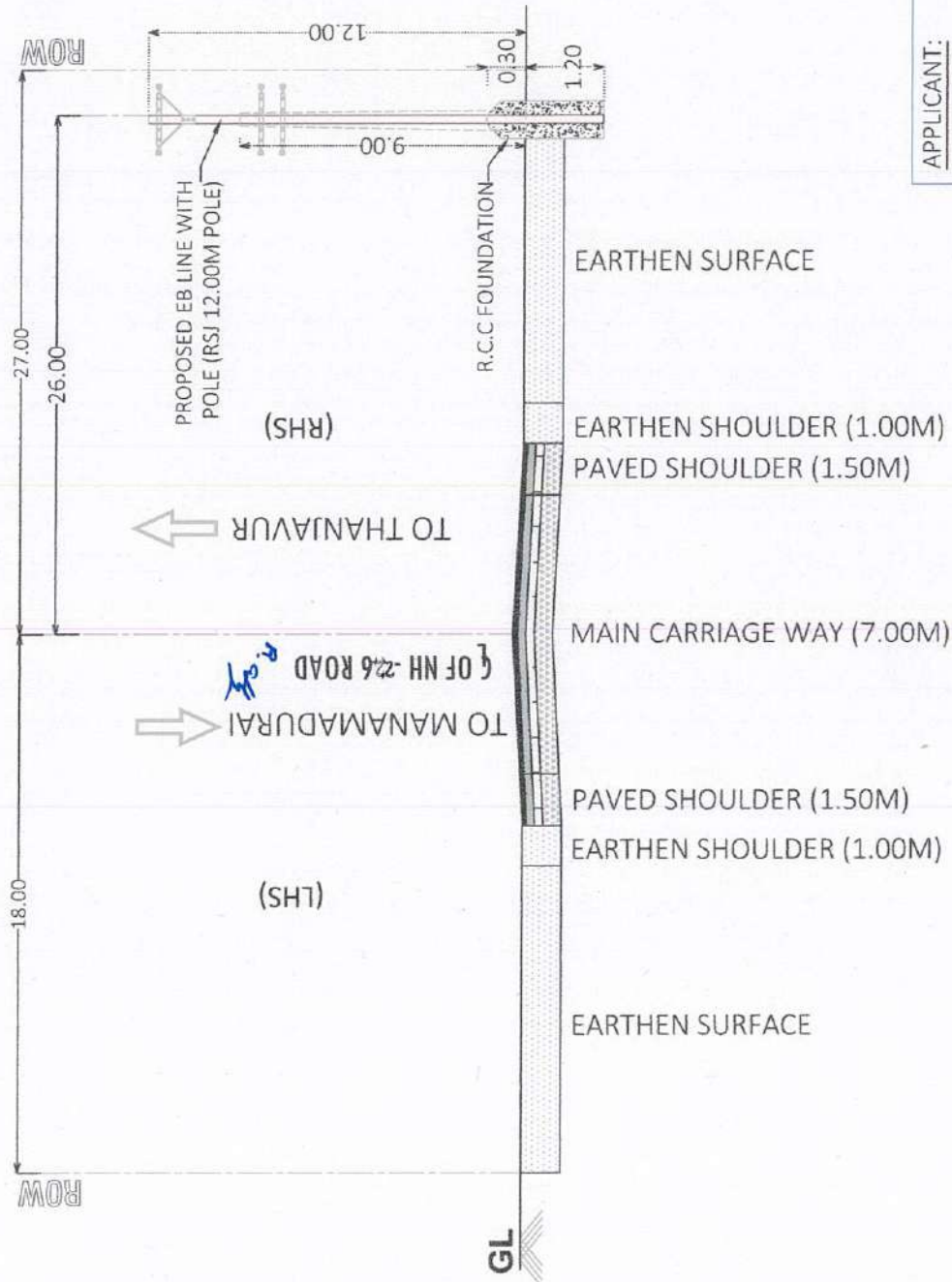
M/s. N M GREEN ENERGY PRIVATE LIMITED

No. 15, RVE LAYOUT, 3RD CROSS ST,
THENNAAMPALAYAM, T.C.MARKET,
TIRUPPUR - 641604.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED

For **N.M. GREEN ENERGY PVT. LTD.**

R.athy.
Authorized Signatory



APPLICANT:

NH -226 ROAD (THANJAVUR TO MANAMADURAI SECTION)

ALONG THE ROAD @ KM 138/200 TO KM 138/400.

SCALE - N T S

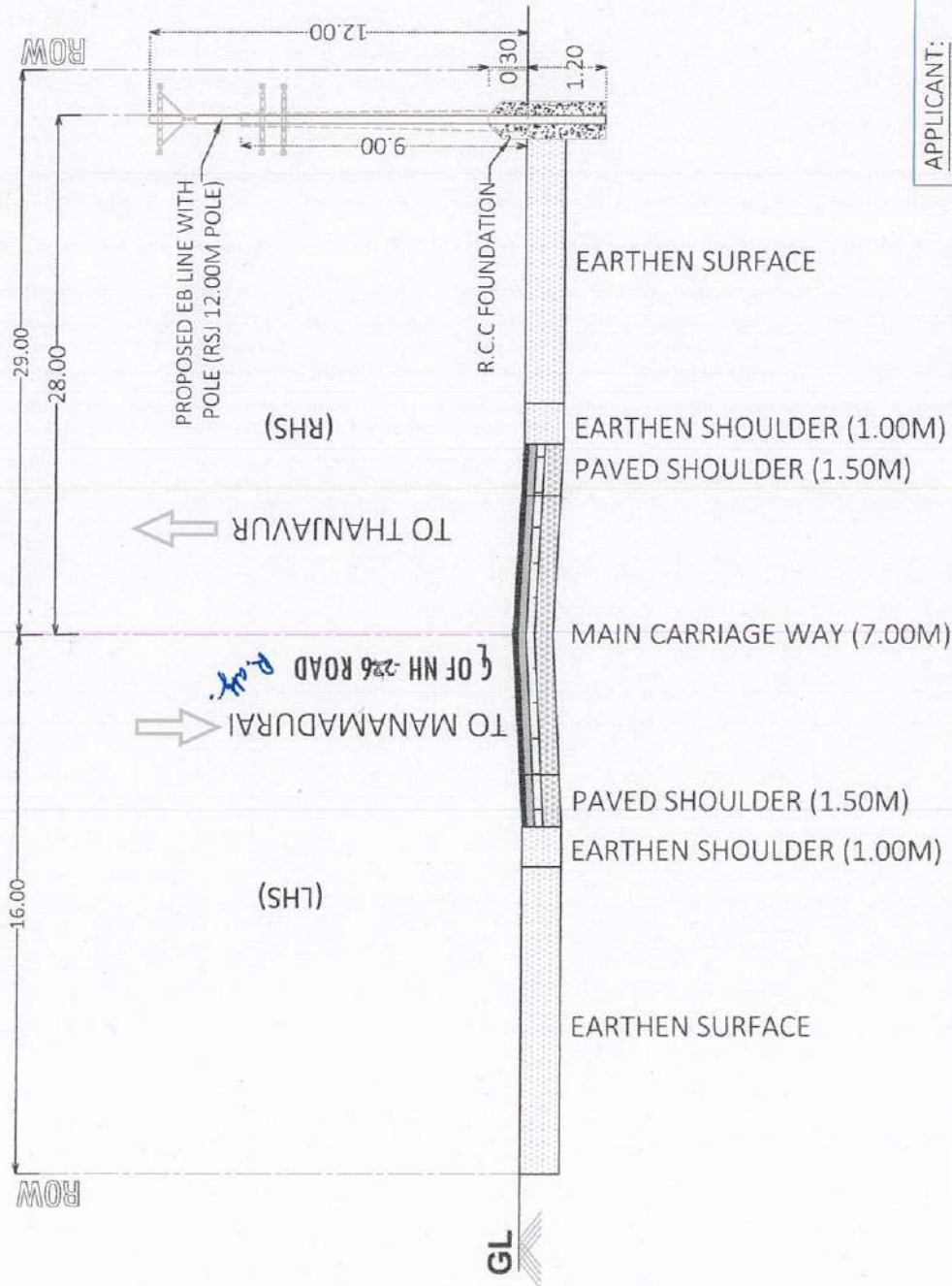
M/s. N M GREEN ENERGY PRIVATE LIMITED

No. 15, RVE LAYOUT, 3RD CROSS ST,
THENNAAMPALAYAM, T.C.MARKET,
TIRUPPUR - 641604.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED

For **N.M. GREEN ENERGY PVT. LTD.**

R. G. K. Authorized Signatory



APPLICANT:

NH 22-6 ROAD (THANJAVUR TO MANAMADURAI SECTION)

ALONG THE ROAD @ KM 139/000 TO KM 139/200,

KM 139/400 TO KM 139/972.

SCALE - N T S

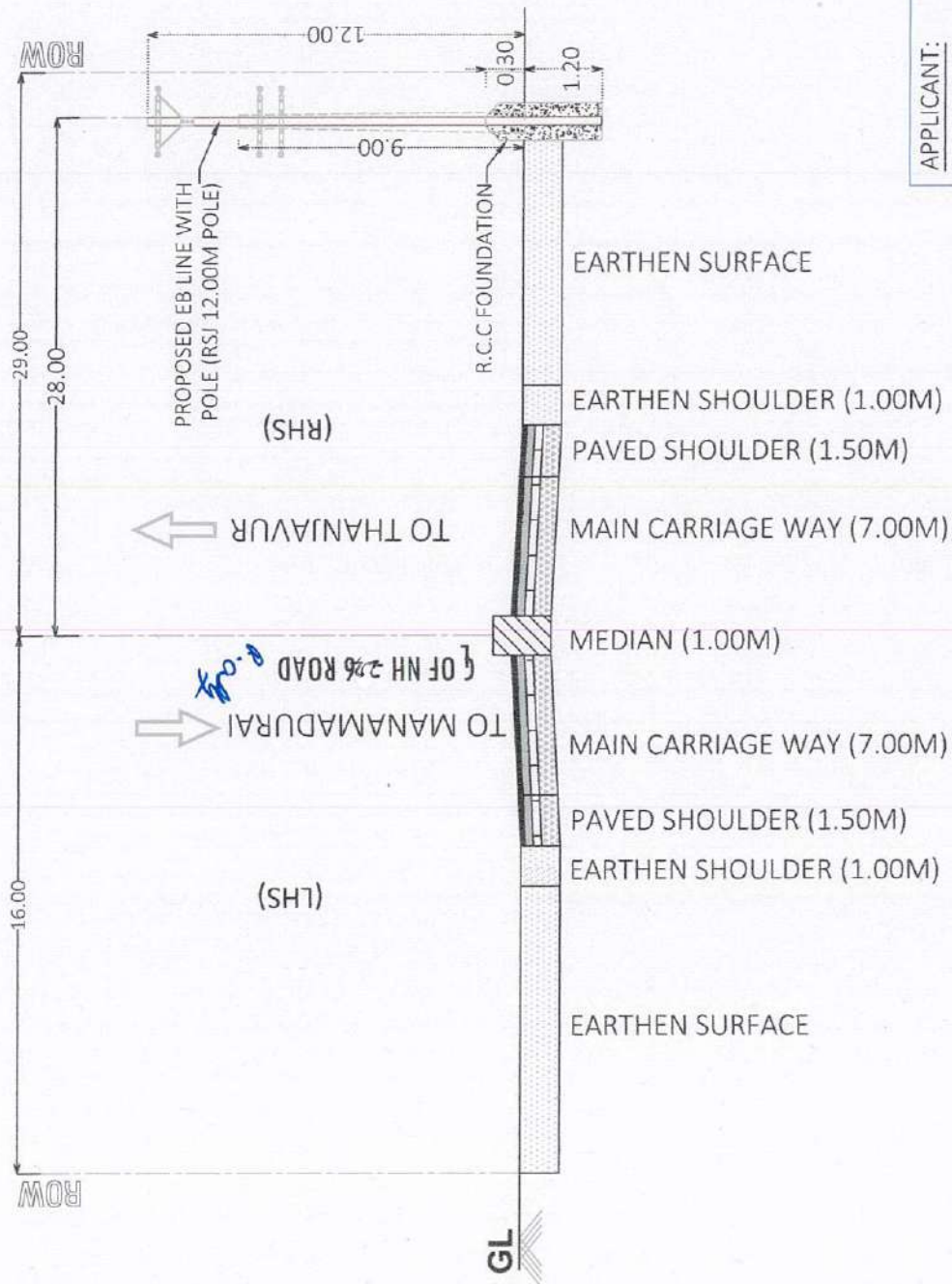
M/s. N M GREEN ENERGY PRIVATE LIMITED

No. 15, RVE LAYOUT, 3RD CROSS ST,
THENNAAMPALAYAM, T.C.MARKET,
TIRUPPUR - 641604.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED

For N.M. GREEN ENERGY PVT. LTD.

R. Aiy
Authorized Signatory



APPLICANT:

M/s. N M GREEN ENERGY PRIVATE LIMITED
No. 15, RVE LAYOUT, 3RD CROSS ST.,
THENNAAMPALAYAM, T.C. MARKET,
TIRUPPUR - 641604.

NH 276 ROAD (THANJAVUR TO MANAMADURAI SECTION)

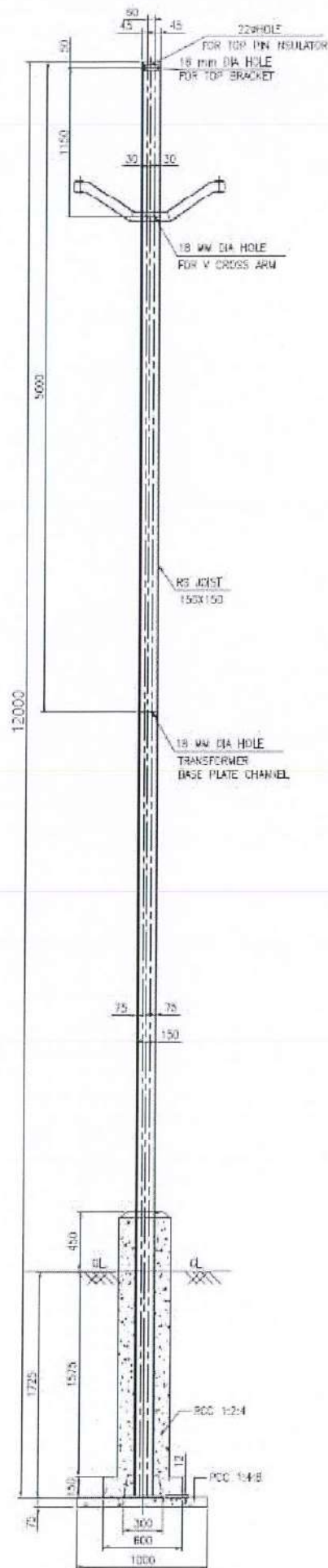
ALONG THE ROAD @ KM 139/972 TO KM 140/000

SCALE - N T S

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED

For N.M. GREEN ENERGY PVT. LTD.

R. *[Signature]*
Authorized Signatory



For **N.M. GREEN ENERGY PVT. LTD.**

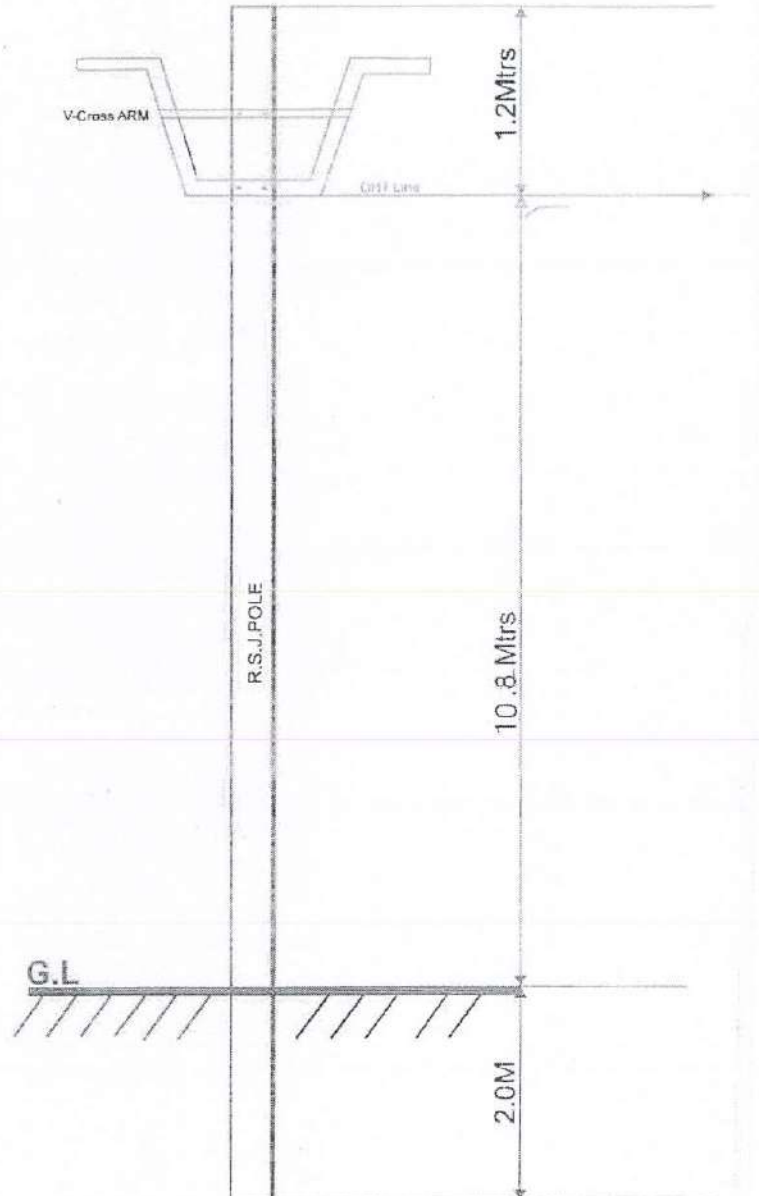
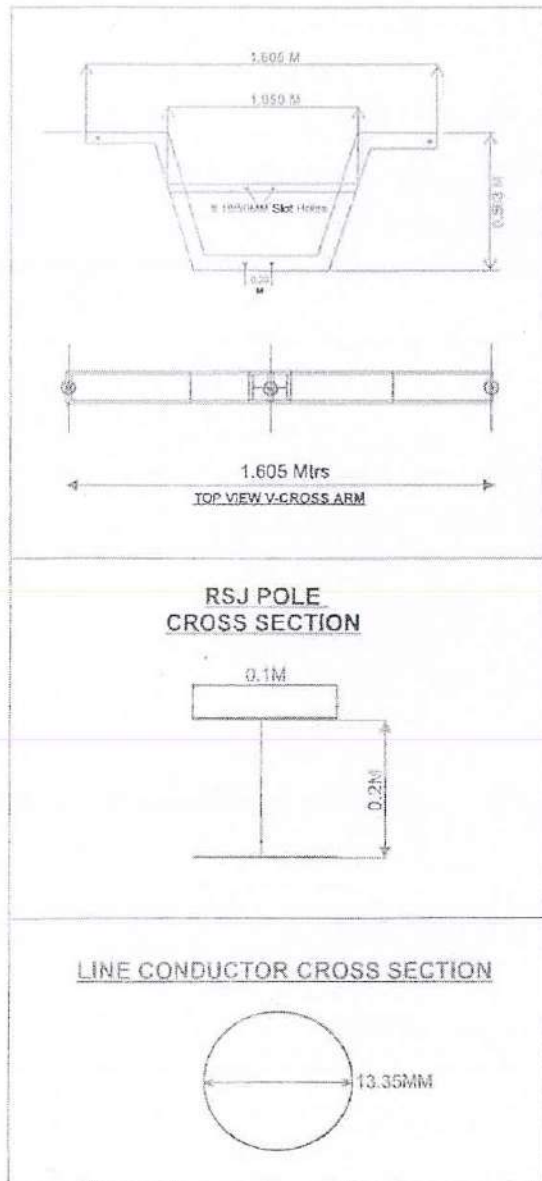
R. S. S.

Authorized Signatory

22 KV LINE WITH RS JOIST 150X150

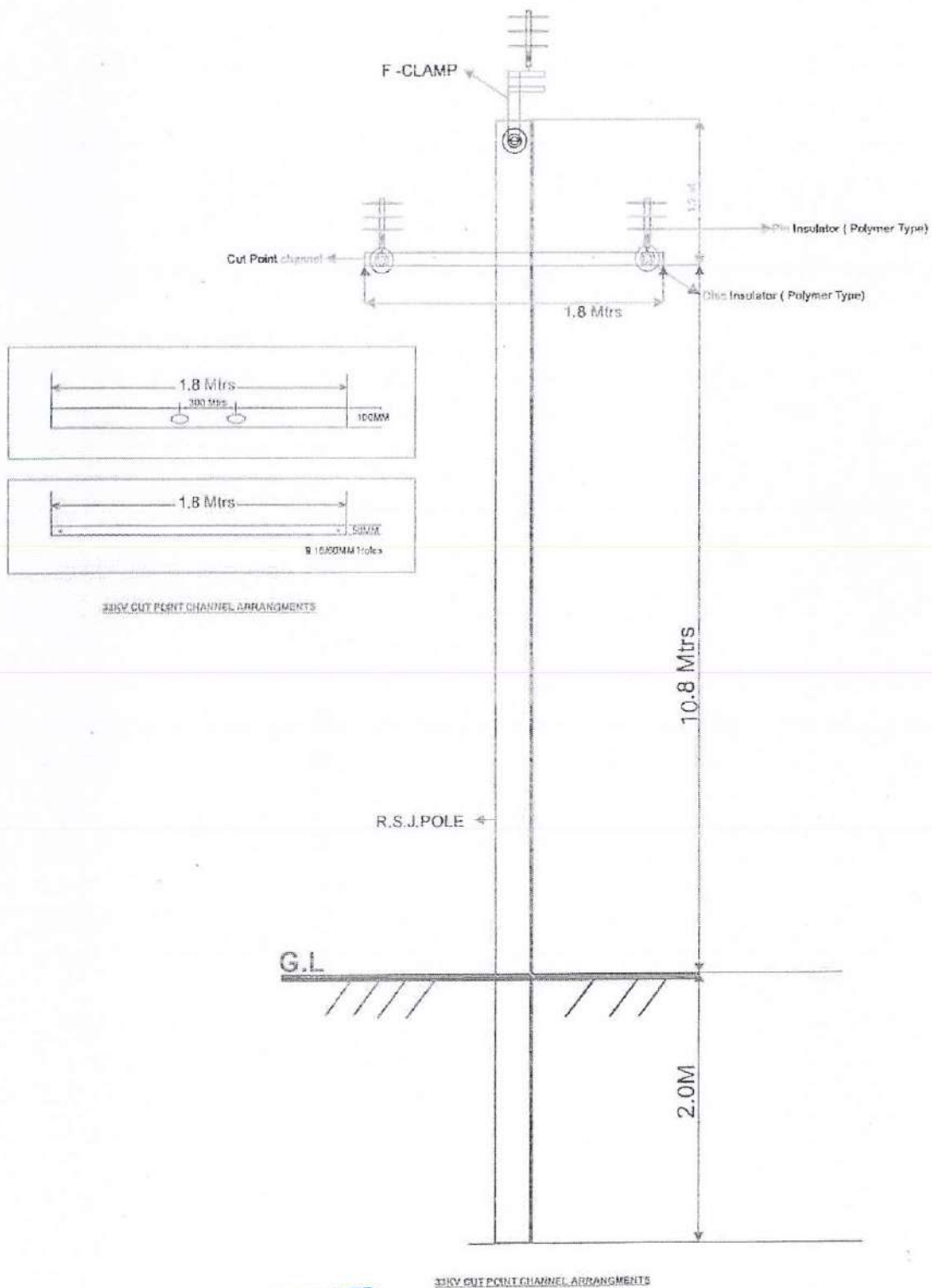
SINGLE POLE STRUCTURE

RSJ PIN POLE SHOWING CLEARANCE DETAILS ALONG THE ROAD



For **N.M. GREEN ENERGY PVT. LTD.**
R. Chy
 Authorized Signatory

22 KV RSJ CUT POINT POLE ARRANGMENTS



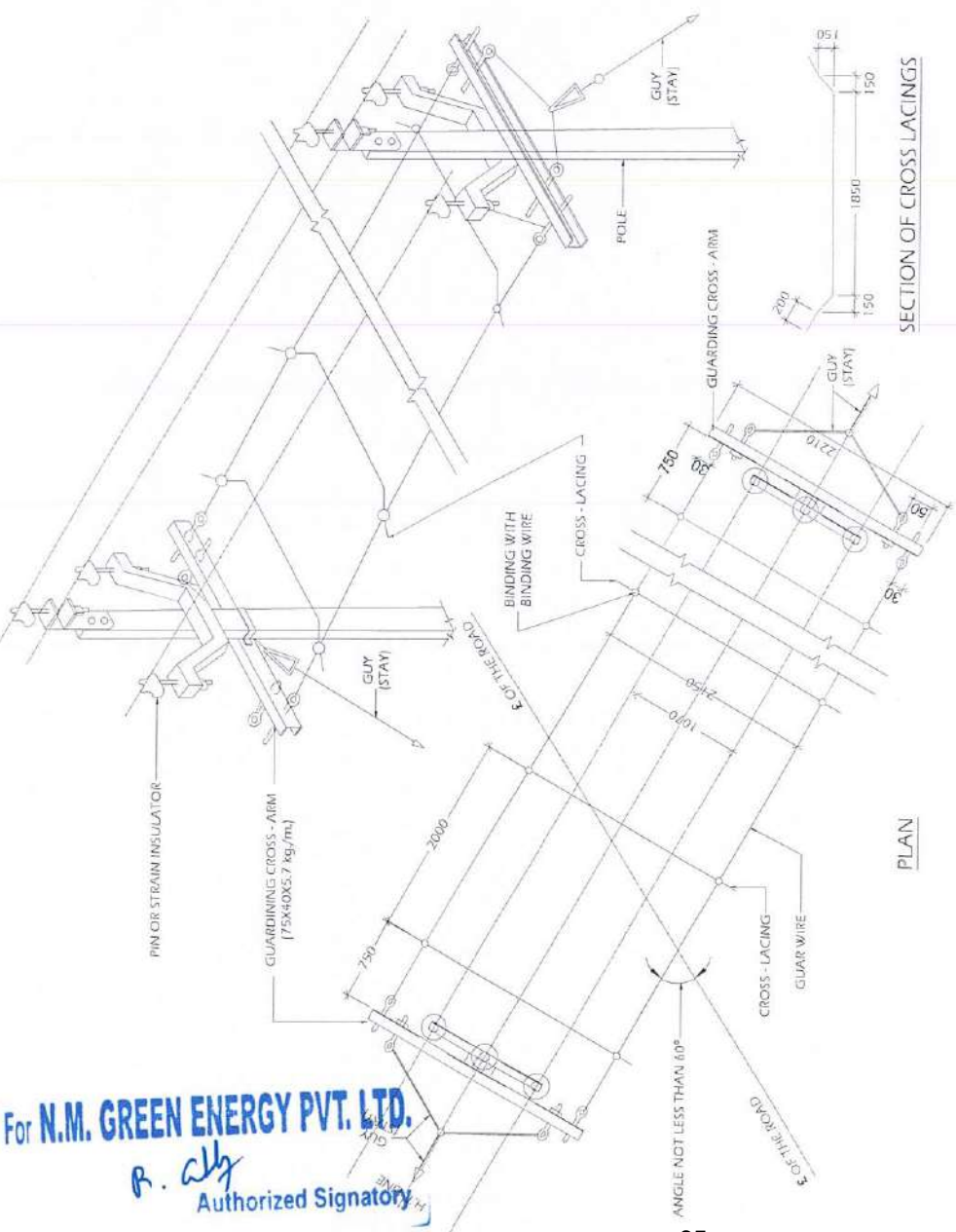
For **N.M. GREEN ENERGY PVT. LTD.**
R. Ah
 Authorized Signatory

BILL OF MATERIAL			
ERE CODE	DESCRIPTION	QTY.	REF. DRG. NO.
005	HPE LIGHTING FOR POLES OR OTHER SITE	2 SET	REC-XB Pua-01A-006
006	Y - GUYS (STAY)	2 SET	REC-XB Pua-01A-007
010	GUARD WIRE	AS REQD.	
060	GUARDING CROSS - ARM	2 NOS.	REC-XB Pua-11A-011
	EYE BOLTS - 318mm	8 NOS.	REC-XB Pua-11A-011
007	BACK CLAMPS FOR GUARDING CROSS ARM	2 NOS.	REC-XB Pua-11A-011

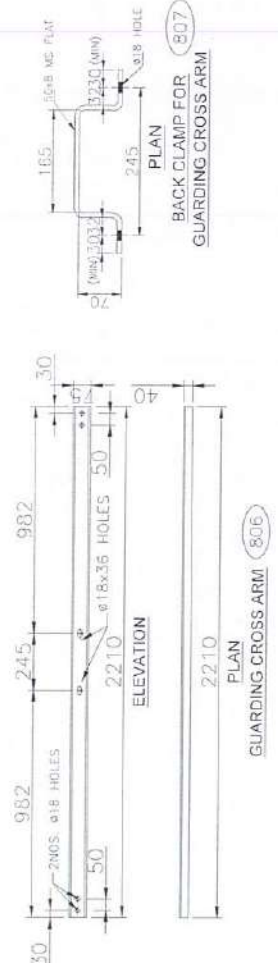
BILL OF MATERIAL					
ERE CODE	DESCRIPTION	SECTION MATERIAL	LENGTH MM	KG. MM.	QTY.
006	GUARDING CROSS ARM	75x40	2210	5.7	2 NOS.
007	BACK CLAMP FOR GUARDING CROSS ARM	50x8	445	3.14	2 NOS.
	EYE BOLT - 110mm	16 mm	235	1.577	8 NOS.
					TOTAL 30.97
	DESCRIPTION	SIZE	LENGTH MM	KG.	QTY.
	NUTS & BOLTS	M16	65	0.164	4 NOS.
	SPRING WASHERS	M16	2.5 THK.	0.009	4 NOS.
	PLATE WASHER	M16	3 THK.	0.015	4 NOS.
					TOTAL 0.752

GENERAL NOTES:

- 1) ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED
- 2) MANUFACTURING TOLERANCE
UPTO 50mm - ± 5%
51 TO 100mm - ± 4%
101 TO 300mm - ± 3%
ABOVE 300mm - ± 2%
- 3) ALL M.S. PARTS SHALL CONFORM TO IS:2062
- 4) ALL M.S. FABRICATED ITEMS SHALL BE HOT DIP GALVANISED AS PER IS:2629 & 4759
- 5) ALL THE ITEMS SHALL BE MARKED WITH ERECTION CODE.
- 6) WEIGHT MENTIONED IS FOR PACKING & FORWARDING PURPOSE.
- 7) NO. OF CROSS LACINGS TO SUIT THE REQUIREMENTS. CROSS LACINGS BE PROVIDED FOR THE WIDTH OF THE ROAD PLUS ONE EACH NEAR THE SUPPORT.
- 8) FOR CROSS LACINGS, AACR CONDUCTOR FROM SCRAP LENGTHS OR 3.15mm GI WIRE CAN BE USED.
- 9) AS PER IE RULES, 88(3), THE GROUND WIRES SHOULD HAVE THE BREAKING STRENGTH NOT LESS THAN 635KG EITHER 4mm GI WIRE OF MINIMUM STRENGTH 55KGF/mm LAID QUALITY OR 5mm GI WIRE OF MINIMUM STRENGTH 33KGF/mm, 2 SOFT QUALITY BE USED AS PER IS 280-1962.
- 10) MINIMUM CLEARANCE FROM GROUND SHALL BE 5.1 METRES AS PER IE RULES.
- 11) ALL CHANNELS AND ANGLES SHALL CONFORM TO IS: SP6, PART-1.



SECTION OF CROSS LACINGS



TITLE:-

22KV LINE PROTECTIVE GUARDING ACROSS THE MINOR CROSSING LIKE VILLAGE ROAD ETC...

For **N.M. GREEN ENERGY PVT. LTD.**
R. aliy
Authorized Signatory

Annexure-I**Conditions to be enclosed/incorporated in the approval letter for permission for erection of 22KV Electrical Line with Pole**

1. The erection of 22KV Electrical Line with Pole shall be located as close to the extreme edge of the right-of-way as possible but not less than 15 meters from the centre-lines of the nearest carriageway.
2. The erection of 22KV Electrical Line with Pole shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NH/Government of India.
3. The erection of 22KV Electrical Line with Pole shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. These should be so erect that their top is at least 11 meter above the existing road.
5. The authority/ owner of the underground utility shall ensure that erect an eclectic cable carrying high tension lines should not have any deleterious effects on any of the bridge components and roadway safety for traffic.
6. The lines shall cross the National Highways preferably on a line normal to it or as nearly so as practicable.
7. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters.
8. The erection of 22KV Electrical Line with Pole is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.
9. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.
10. The top pf the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.
11. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall only be permitted where the existing road pavement is of cement concrete or dense bituminous concrete type.
12. 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.
13. Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)
 - (a) The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.

For N.M. GREEN ENERGY PVT. LTD.

R. *[Signature]*

Authorized Signatory

- (b) Filling of the trench shall conform to the specifications contained herein below.
 - (c) 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 selected material.
 - (d) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.
 - (e) The side fill shall consist of granular material laid in 15 cm 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.
 - (f) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
 - (g) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.
14. If needed, a diversion shall be constructed at the expense of agency owning the erection of 22KV Electrical Line with Pole.
 15. Prior approval of the NH shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the erection of 22KV Electrical Line with Pole located in the National highway right-of-ways.
 16. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the erection of 22KV Electrical Line with Pole will be borne by the agency owning the erection of 22KV Electrical Line with Pole.
 17. If the NH considers it necessary in future to move the erection of 22KV Electrical Line with Pole for any work of improvement of repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the erection of 22KV Electrical Line with Pole within a reasonable time (not exceeding 60 days) of the intimation given.
 18. The licensee shall ensure making good the excavated trench for laying cables by proper filling and compaction, so as to restore the land in to the same conditions as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
 19. The licensee shall furnish a Bank Guarantee to the NH @ Rs...../- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NH to the licensee for clearing debris/loose earth.

For N.M. GREEN ENERGY PVT. LTD.

R. Chy

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20. In case the work contemplated herewith is not completed to the satisfaction of the NH, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee, the licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of the licensee failing to discharge the obligation of making good the excavated trench, the NH shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount by invoking the bank guarantee furnished by the licensee.
21. The licensee shall shift the cables/ducts within 60 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NH, Govt. of India to shift/relocate the cables/ducts, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.
22. Regarding the location of other cables, underground installation/utilities etc, the licensee shall be responsible to ascertain from the respective agency in coordination with NH. The licensee shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.
23. The licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the licensee. The concerned agency in co-ordination with NH shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by the licensee.
24. If the licensee fails to comply with the condition 22 and 23 above to the satisfaction of the NH, the same shall be got executed by the NH at the risk and cost of the licensee.
25. The licensee shall procure insurance from reputed insurance company against damages to already existing cables/underground installation/utilities/facilities etc during trenching.
26. The licensee has to cross the NH by horizontal drilling method (trenchless technology only). In case any damage is caused to the road pavement in this process, the licensee will be required to restore the same to the original condition at his own cost.
27. No trenching will be done on pucca road, boring method will be used in pucca road and cable will be laid at the extreme edge of the road in the non-BT surface only.
28. The licensee shall inform/give a notice to the NH, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs...../- per meter length for maintenance/ repair work shall have to be furnished by the licensee.

For N.M. GREEN ENERGY PVT. LTD.

R. dhy

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29. Each day, the extent of digging the trenches should be strictly regulated so that cables are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NH.
30. The licensee shall indemnify the concerned agency in co-ordination with NH, against all damages and claims, if any, due to the digging of trenches for laying cables/ducts.
31. The NH has a right to terminate the permission or to extend the period of agreement. In case the licensee wants shifting, repairs or alteration to telecom cables/ducts, he will have to furnish a separate bank guarantee.
32. The licensee shall not without prior permission in writing from the NH Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said telecom cables/ducts.
33. The permission granted shall not in any way be deemed to convey to the licensee any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
34. During the subsistence of this agreement, the laying erection of 22KV Electrical Line with Pole/ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NH so that the right of the licensee to the use thereof shall not become absolute and indefeasible by laps of time.
35. The licensee shall bear the stamp duty charged for the agreement.
36. The erection of 22KV Electrical Line with Pole shall not be brought in to use by the licensee unless a completion certificate to the effect that the erection of 22KV Electrical Line with Pole has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
37. Not with standing anything NH contained herein this agreement may be cancelled at any time by the or breach of any condition of the same and the licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
39. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of licensee.
40. After the termination/expiry of the agreement, the licensee shall remove the cables/ducts within 60 days and the site shall be brought back to the original condition failing which the licensee will lose the right to remove the cables/ducts. However, before taking up the work of removal of cables the licensee shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.

For N.M. GREEN ENERGY PVT. LTD.

R. [Signature]
Authorized Signatory

41. If NH is required to do some emergent work the licensee will provide an observer within 24 hours. NH will not be responsible for any damage of any kind by what so ever means natural or otherwise.
42. The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope.
43. Strict compliance of the following by the Divisional Engineer:
 - a) If the licensee fails to inform the commencement of laying of erection of 22KV Electrical Line with Pole 15 days before the actual start of the work at site the agreement should be null and void.
 - b) It is to be intimated to the HQ that, actual work has already been started at the site as per the provision of the agreement and the conditions stipulated in the Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995 and Ministry Circular No. RW/NH-22044/29/2015-S&R (R) dated 22.11.2016.
 - c) An interim execution progress report /status report shall be submitted to NH HQ after one month of the start of the work at site, regarding the satisfactory progress of the laying of erection of 22KV Electrical Line with Pole, as per the specification/stipulation and the alignment as approved.
 - d) The final completion certificate shall be issued/submitted by DE to the HQ to the effect that, the work has been completed to the entire satisfaction of the Divisional Engineer and there were no violation of any condition / stipulation contained in the agreement, Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-22044/29/2015-S&R (R) dated 22.11.2016 and the approved plan.
 - e) To obtain a performance bank guaranty @ Rs./- per running meter of NH and Rs.1,00,000/- per crossing of NH from the licensee to safe guard the interest of NH.
 - f) Proposal for permission along NH Sections which are proposed to be taken up by NH for development through private sector participation on BOT basis, following clause should be inserted in the agreement.

"The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of ----- section from Km -----to Km -----of NH No-----on Build, Operate and Transfer Basis and therefore, the licensee shall honour the same."

- g) A register of records of the permissions accorded has to be maintained by the DE in the prescribed proforma (copy enclosed)
- h) Chief Engineer is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant, on behalf of NH.

For N.M. GREEN ENERGY PVT. LTD.

R. Ch

Authorized Signatory

M/s. N M GREEN ENERGY PRIVATE LIMITED
Reg.Off: No.15,RVE LAYOUT 3RD CROSS STREET , THENNAMPALAYAM, TIRUPPUR,
TAMIL NADU, INDIA, 641604.
CIN: U35105TZ2023PTC029904
Mail ID: cakishorem@gmail.com


Date :05.12.2024

To whomsoever it may concern

We hereby Authorise Mr. Goutham (Aadhar No: 8831 6311 2515) to sign documents related to National Highway department / State Highway Department approval towards erection of poles along Highway for 10MW Solar Power Plant in Sivagangai Tk, Sivagangai Dt Whose specimen Signature is mentioned below

<u>Name</u>	<u>Address</u>	<u>Specimen Signature</u>
Mr. Goutham S/o Rajapandi	1-21 Melapatti, Sivagangai - 63050	

For NM Green Energy Pvt Ltd


Authorised Signatory

R. ally.
(R. Goutham)

Government of India
Ministry of Road Transport and Highways
(Highway Administration Cell)

Transport Bhavan, I, Parliament Street, New Delhi — 110 001

No. NH-36094/01/2022-S&R(P&B)

Dated: 17th April, 2023

To

1. The Chief Secretaries of all the State Governments/UTs
2. The Principal Secretaries/ Secretaries of all States/ UTS Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs dealing with National Highways, other Centrally Sponsored Schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001
7. ROs, ELOs and PIUs of the MoRTH.

Subject- Accommodation of Public and Industrial Utility Services along and across National Highways- Policy guidelines; Clarifications regarding OFC/Telecom cables.

Sir,

Following amendments are issued herewith with reference to Ministry's policy circular no RW/NH-33044/29/2015-S&R(R) dated 22.11.2016 regarding permission for laying of underground OFC/telecom cables in NH ROW with immediate effect:

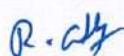
Clause	Existing provision	Amendments
3.1	The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	The utility services shall normally be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry. Alternatively, for crossing of NH by pipelines for petroleum products, Horizontal Directional Drilling (HDD) method may be used

For **N.M. GREEN ENERGY PVT. LTD.**

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		without casing/ conduit pipe following the safety precautions and Codes as given in Annexure II.
5.	<p>Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in Annexure I.</p> <p>License Fee/lease rentals described below is for Industrial utilities. The license fee for Public utilities shall be 33% of the fee prescribed for Industrial utilities.</p>	<p>Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in Annexure I.</p>
5.1	<p>The following methodology shall be followed for license fees/lease rental determination for utility service lines other than localized infrastructure facilities like towers, repeaters and junction boxes).</p> <p>License Fees (Rs/sq m/ month) = (Utilized NH land area X Prevailing Circle Rate of land per unit area) / (10 X 12) where,</p> <p>Utilized NH land area = Outer diameter/width of the concerned utility line X length</p>	<p>License Fee for Industrial Utilities shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 10% per annum.</p> <p>Utilized NH land area shall include projection of utility on ground including area of support system / tower.</p> <p>License fee for total term of license (up to maximum of 5 years) shall be deposited in advance.</p>
5.2	<p>The following methodology shall be followed for license fees/lease rental determination for utility services such as towers/repeaters junction boxes etc.</p> <p>License Fees (Rs/sq m/ month) = (Utilized NH land area X Prevailing Circle Rate of land per unit area) / (10 X 12) where,</p>	<p>License Fee for public utility shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 1.5% per annum, subject to minimum of Rs. 10,000/-, with 6% annual increment.</p> <p>Utilized NH land area shall include area of support system / tower but not include projection of utility on ground.</p>

For **N.M. GREEN ENERGY PVT. LTD.**R. 

Authorized Signatory


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Utilized NH land area = Projection of utility on the ground including area of support system/tower.	There shall be no license fee for OFC cables crossing the NH through HDD method.
However, for public utilities, area below the support system/tower shall only be charged.	License fee for total term of license (up to maximum of 5 years) shall be deposited in advance.

2. This issues with the approval of competent authority.

Yours faithfully

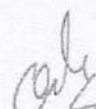

(Rakesh Prakash Singh)
Superintending Engineer (HA)

Copy to:

1. AS/ JS/CEs in MoRTH
2. Director, IAHE
3. The Secretary General, Indian Roads Congress
4. Technical circular file of S&R(P&B) Section and Road Safety Engineering Cell
5. NIC-for uploading on Ministry's website under "What's new"

Copy for information to:

1. PS to Hon'ble Minister (RT&H)/ PS to Hon'ble MOS (RT&H)
2. Sr. PPS to Secretary (RT&H)/ Sr. PPS to AS(H)/ Sr. PPS to AS&FA
3. Sr. PPS to DG (RD) & SS/ Sr. PPS / PPS /PS to ADG-I/II/III/IV


(Rakesh Prakash Singh)
Superintending Engineer (HA)

For M.M. GREEN ENERGY PVT. LTD.


Authorized Signatory

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Annexure II**A. Codes/ publications for guidance on design of Horizontal Directional Drilling crossing for Petroleum Pipelines**

- a) Oil Industry Safety Directorate Code: IOSD Code-141.
- b) American Gas Association PR-227-9424 "Installation of Pipelines by Horizontal Directional Drilling an Engineering Design Guide".
- c) American Society of Civil Engineering Practice No.89 – "Pipeline Crossings Handbook".
- d) Directional Crossing Contractors Association publications "Guidelines for a Successful Directional Crossing Bid Package", "Directional Crossing Survey Standards" and "Guidelines for Successful Mid-Sized Directional Drilling Projects."

B. Safety precautions and plan to be submitted along with the proposal for HDD crossings:


- a) Before taking up the HDD work, area to be scanned by suitable methods like GPR to locate all underground utilities. Accordingly, crossing plan and profile drawings to be developed showing all pipelines, utilities, cables and structures that cross the drill path, are parallel to and within 30m of the drill path and that are within 30m of the drilling operation, including mud pits and bore pits.
- b) Damage prevention plan to reduce or avoid the likelihood of damage to adjacent underground facilities, including pipelines, utilities, cables and other subsurface structures considering the accuracy of the method in locating existing structures and in tracking the position of the pilot string during drilling. Consideration should be given to having an auxiliary location system to include manual excavation to ensure that the drilling bit or reamer is following the projected path and does not encroach upon crossing or parallel lines. The damage prevention plan should include provision for sending notification to all affected parties.
- c) Safety plan to include contingency plans in the event the drilling string impacts subsurface facilities and identify facilities and resources to be utilized in the event of an emergency or any personnel injuries. The safety plan shall be reviewed on site with all construction personnel prior to the commencement of drilling operations.
- d) Plan for containment and disposal of drilling fluids, if used.
- e) Hydrostatic test plan that should consider pretesting of the fabricating string(s) prior to installing the crossing.
- f) Testing plan be agreed upon the measures like Cathodic protection, periodic inspection be outlined and Supplementary extra thickness of pipe be ensured to compensate for corrosion.
- g) Pipeline laying agencies to submit annual certificates of inspection after laying.

For **N.M. GREEN ENERGY PVT. LTD.**

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 Authorized Signatory

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 17/4/23



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
AN ISO 9001:2008 CERTIFIED MINISTRY

S&R(R) ZONE

IAHE Campus,
A-5, Sector-62,
Noida-201301.

F. No. RW/NH-33044/29/2015/S&R(R)

Dated: 22nd November, 2016

To,

1. The Chief Secretaries of all the State Governments/ UTs
2. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs dealing with National Highways, other centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001

Subject: Accommodation of Public and Industrial Utility Services along and across National Highways – Policy guidelines regarding.

Sir,

The Government has realized that development of infrastructure across the Country on a sustainable and integrated manner continues to be an imperative for improving the state of economy, enhancing quality of life of the citizens and ensuring equitable development throughout the country.

Land being among the most precious of natural resources available; optimum utilization of land shall play a critical role in integrated development of infrastructure. One of the ways to effect such optimum utilization is leveraging land within National Highway (NH) Right of Way (ROW) for laying utility services. This may be achieved through granting permissions for laying utility services along and /or across the ROW. However, environment and safety of the road users are the prime factors in deciding permission for utility services. Permission may be denied, if it is not feasible to ensure safety and environment through requisite safeguards. The Administration of ROW, has been defined in the National Highway Land and traffic Control Act 2002 and relevant Rules 2004.

Keeping in view the need for consistency and clarity, in supersession of all the instructions contained in the earlier previous circulars on the subject, following guidelines shall apply for accommodation of Utility Services along and across National Highways.

2. Laying of Utility Services along the National Highways:

- 2.1 There shall be a provision for utility ducts for appropriate categories/combination of utilities in the construction of new/4-6 laning of National Highways. The ducts shall be located at appropriate location preferably as close to the extreme edge of ROW.
- 2.2 Utility services shall be laid in the utility ducts, if provided for the purpose.
- 2.3 In stretches where utility ducts have not been provided, the utility services shall be located, beyond the toe line of the embankment and drains, as close to the extreme edge of the RoW as possible. While granting permission, requirement of up-gradation also needs to be kept in view.

2.4 It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level.

2.5 No utility service shall be laid over existing culverts and bridges except through the utility ducts where such provision exists. In case of absence of such provisions, the Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed.

2.6 In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct in such case shall not be less than one lane. In such cases, it also needs to be ensured that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee as per the agreement.

3. Laying of Utility Services across the National Highway:

3.1 The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.

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

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

3.4 The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.

3.5 In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm wider, (but not more than 60 cm wider), than the outer diameter of the utility pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.

3.5.1 Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.

3.5.2 The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.

3.5.3 The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the modified 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.

3.5.4 The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.

3.6 When utilities are allowed overhead, the horizontal and vertical clearance in accordance with the IRC shall be maintained.

4. Procedure for processing application for granting permission for use of highway land: Any person who intends to obtain permission shall make an application online in the prescribed form to Highway Administration or an officer authorized by Highway Administration on his behalf. The application must mention details the various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosives Safety Organization, Oil Industry Safety

3.

Directorate, State/Central Pollution Control Board and any other statutory clearances as applicable, which must be obtained by the Applicant before applying to the Highway Administration.

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). The permission for laying utility services is to be normally granted within 30 days from the day of closure of public objections and claims. If no communication is received from the Highway Administration within 30 days from the day of closure of public objections and claims, the permission shall be deemed to be granted. The initial permission would be valid for a maximum of 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged.

5. Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in Annexure I.

License Fee/lease rentals described below is for Industrial utilities. The license fee for Public utilities shall be 33% of the fee prescribed for Industrial utilities.

5.1 The following methodology shall be followed for license fees/lease rental determination for utility service lines other than localized infrastructure facilities like towers, repeaters and junction boxes).

License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12) where,

Utilized NH land area = Outer diameter/width of the concerned utility line X length

5.2 The following methodology shall be followed for license fees/lease rental determination for utility services such as towers/repeaters/ junction boxes etc.

License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12) where,

Utilized NH land area = Projection of utility on the ground including area of support system/tower

However, for public utilities, area below the support system/tower shall only be charged.

5.3 Fee shall have to be paid in advance for the period for which permission is granted. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.

5.4 A system to redress grievances and to consider relaxation from the guidelines, in exceptional cases, shall be notified separately and shall be effective from the date of notification.

6. All required restoration, maintenance work subsequent to laying of utility services shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. To process for the granting of permission and prior to signing of Lease agreement, a Performance Bank Guarantee for an amount based on per route metre with a validity of one year initially, in the prescribed format (extendable if required till satisfactory completion of work) shall have to be furnished by the utility service provider/ Licensee, as a security against improper restoration of ground in terms of

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filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc.; Utility services such as pipes etc (rate in Rs per m)

provided in the ducts already provided

Rs 50

≤ 300 mm dia/width

Rs 100

> 300 mm dia/width but ≤ 1000 mm

Rs 250

> 1000 mm

Rs 500

Utility services such as towers etc (rate in Rs per sq m)

Rs 100

In case the Licensee fails to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking.

Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.

7. The Authority shall enter into a License Agreement with the respective utility service provider in the format enclosed (Appendix) including any other conditions imposed by Highway Administration, to ensure safe and uninterrupted flow of traffic. Post signing of the agreement, the utility service provider shall be designated as 'Licensee' for the purpose of this project and will be authorized to install and operate utility services within the NH RoW. However, utility services shall be made operational by the Licensee only after a completion certificate to the effect is issued by the Highway Administration.

Encls: As above.

Manoj Kumar

(Manoj Kumar)

Executive Engineer(NFSG) (S,R&T) (Roads)
For Director General (Road Development) & SS

Copy to:

1. All Technical Officers in the Ministry of Road Transport & Highways
2. All ROs and ELOs of the Ministry
3. The Secretary General, Indian Roads Congress
4. The Director, IAHE
5. Technical circular file of S&R (R) Section
6. NIC-for uploading on Ministry's website under "What's new"

Copy for kind information to:

7. PS to Hon'ble Minister (RTH&S)
8. PS to Hon'ble MOS (RTH&S)
9. Sr. PPS to Secretary (RT&H)
10. PPS to DG (RD) & SS
11. PPS to SS&FA
12. PS to ADG-I/ ADG-II
13. PS to JS (T)/ JS (H)/ JS (LA&C)/ JS (EIC)

Annexure I

Public Utility Provider and Industrial Infrastructure

A. Public Utility Provider

A Public Utility Provider in context of this Guideline shall mean any organization that provides and maintains the infrastructure for a public service like electricity, gas, water supply, telecom cables and sewage disposal subject to applicable regulation.

B. Eligible activities for Industrial Units or 'Industrial Infrastructure'

Industrial Infrastructure in context of this Guideline shall mean any physical infrastructure that is required to facilitate industrial operations and is constructed, operated and maintained along/across Right of Way of National Highways. Such infrastructure shall include the following:

- a. Underground & above ground pipelines including provisions for booster pumping facilities, maintenance bays and other required support infrastructure for transport of legally permitted materials for industrial usage by a business entity having valid license for industrial operations.
- b. Conveyor Belts including provisions for maintenance bays and other required support infrastructure for transport of legally permitted materials, by a business entity having valid license for industrial operations.
- c. Power cables/wires etc. meant for industrial usage by a business entity having valid license for industrial operations.
- d. Any other such associated industrial infrastructure facility.

For **N.M. GREEN ENERGY PVT. LTD.**

R. K. S.

Authorized Signatory