



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 मेन 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/15018/3.7/01/2025/RO Madurai/E:276944/ 592

1st April, 2025

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, तूतीकोरिन - Four laning of Madurai- Tuticorin section from Km 138.800 to Km 266.865 of NH-38 in the state of Tamil Nadu- Proposal for erection 33KV Electrical tower across the road at Km 228/000 on NH-38 - Invitation of Public Comments - Reg.

प्रसंग: PD, Tuticorin Lr. No. 11015/NHAI/PIU/TUT/JSW/2025/303 dated 11.03.2025.

The Proposal is regarding permission for erection of 33KV Over Head Transmission Line at Km 228/000 in Madurai- Tuticorin section of NH-38 in the State of Tamil Nadu by M/s. JSW Renew Energy Ltd., Mumbai has been submitted to this office by the PD, Tuticorin Lr. No. 11015/NHAI/PIU/TUT/JSW/2025/303 dated 11.03.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2. The alignment proposed by M/s. JSW Renew Energy Ltd., Mumbai for erection of 33KV Over Head Transmission Line across NH-38 at Km 228/000 is as detailed under:

Stretch in Km	Length (m)	Available ROW (m)		Distance of erection from C/L (m)		Remarks
		LHS	RHS	LHS	RHS	
Across NH-38: Km 228/000	60	30	30	-	-	Over Head Line with minimum vertical clearance from FRL is 21.625 m using EHT tower.

3) The Right of Way is 60 m in the aforesaid stretch. M/s. JSW Renew Energy Ltd., Mumbai has proposed for erection of 33KV Over Head Transmission Line across NH-38 at Km 228/000 in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) M/s. JSW Renew Energy Ltd., Mumbai 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. JSW

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Renew Energy Ltd., Mumbai will shift the Over Head line 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.

भवदीय



(एम चंद्रशेखर | M Chandrasekhar)

उप महाप्रबंधक (तक) | Dy.General 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, Tuticorin - for information.

List of Correspondences							
Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1215592/2025/PIU - TUTICORIN	jsw across	Receipt		11/03/2025 09:52 PM		1-77	for submission



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)
 परियोजना कार्यान्वयन इकाई - तूतीकोरिन / Project Implementation Unit - Tuticorin
 तूतीकोरिन-तिरुनेलवेली NH-138, थट्टपारई विलक्कु, पुदुकोट्टई पी.ओ., तूतीकोरिन - 628 103
 Tuticorin-Tirunelveli NH-138, Thattaparai Vilakku, Pudukottai P.O., Tuticorin - 628 103
 दूर/Tele: 0461 2340968 ई मेल/E mail: piututynhai@gmail.com, tuticorin@nhai.org वेब/Web: www.nhai.gov.in



Ref: 11015/NHAI/PIU/TUT/JSW/2025/303

Date: 11.03.2025

सेवामें | To

The Regional Officer,
 National Highways Authority of India,
 2nd & 3rd Floor, Vijay Krishna Plaza,
 No.1, Lake Area, Melur Main Road,
 Mattuthavani, Madurai - 625 107.

विषय | SUB: भाराराप्रा- पकाई- तूतीकोरिन - NHAI-PIU-TUTICORIN- Four laning of Madurai-Tuticorin section from Km.138.800 to Km.266.865 of NH-38 in the state of Tamil Nadu- Proposal for erection 33KV Electrical tower across the road at Km.228/000 on NH-38 - **Permission Requested - Reg.**

प्रसंग | Ref: 1. M/S.JSW Renew Energy Limited Lr.No.Nil; Dated: 25.02.2025.
 2. M/S.JSW Renew Energy Limited Lr.No.05 Dated: 17.10.2024.
 3. M/S.JSW Renew Energy Limited Lr.No.01 Dated: 21.08.2024.
 4. RE, M/s. Bloom Companies, Tirunelveli Lr. No. Bloom/SC/Madurai - Tuticorin/NH-38/NHAI/2024/063, dated: 29.08.2024.

महोदय | Sir,

It is to submit that the Authorized signatory, M/s. JSW Renew Energy Limited wherein the proposal for seeking permission for erection 33KV RSJ poles across the road at Km.228/000 on NH-38 in Madurai- Tuticorin section NH-38.

2. The proposal was forwarded to Supervision Consultant for field verification, the SC has recommended vide their letter dated 29.08.2024, subsequently; the proposal was examined by this office as well as authority's engineer as per Ministry's Circular No. RW- NH/33024/29 /2015/S&R ® dated 22.11.2016 and subsequent Amendment dated 17.04.2023 other circulars and the following points are made:

- The Authorized Signatory, M/S.JSW Renew Energy Limited, Mumbai has proposed for erection 33KV Electrical tower across the road at Km.228/000 on NH-38 in Madurai- Tuticorin section NH-38.
- The said proposal has been submitted in MoRTH NOC Portal and its application no. 20240117/2/15/22623/4413.

National Highways Authority of India

- iii. The width of Existing available ROW is 60 m.
 - iv. The track rent and restoration charges to be collected from the agency are calculated as per the MoRT&H Guideline/Circular No.RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.
 - v. The cost of restoration charges for the erection of 33KV electrical Line crossing is worked out as **Rs.1,00,000/- (Rupees One Lakh only)** for which the applicant is required to furnish the BG having validity upto one (1) year as per the Annexure-I.
 - vi. The track rent to be collected for erection of 22KV electrical Line along / across the road is worked out for five years as **Rs.74,274/- (Rupees Seventy Four Thousand Two Hundred and Seventy Four Only)** for which the applicant is required to be remitted in Bharatkosh Portal valid for upto Five (5) years period as per the Annexure-II.
3. In furtherance to the undertaking submitted by the applicant and the standard conditions indicated in the Policy matter or in the license deed, additional conditions are pertinent to be included in the proposal as under:
- i. It shall be the responsibility of the agency (applicant) to ensure the safety of the Highway traffic against the hazards of the high voltage lines. The proposed site shall be open for inspection of NHAI, and the instructions imparted by officials of NHAI has to be followed by the agency and the Ministry shall not be responsible for any financial liability on this account.
 - ii. Prior approval of the Highways Authority shall be shifting or repairs, or alterations, to be obtained before undertaking any work of installation, utility lines located in the National Highway right-of-ways (ROW).
 - iii. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highways by the laying, maintenance of shifting of the utility line will be borne by the agency owning the line.
 - iv. If NHAI 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 Highway Authority at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given. Also the road land shall be restored to its original condition by agency when required to do so by the Govt. of India or any person authorized on its behalf and agency shall not be entitled to any compensation on account of such removal or restoration.



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- v. The road shall be kept in traffic worthy condition during construction/laying period and the traffic should continuously move safely and without hindrance.
- vi. The Applicant will modify crossing of Transmission Line at its own cost as per revision (revised time to time) of specifications and guidelines issued by IRC:32, as well as IS Code:5613 and CEA regulations 2023.
- vii. In case of laying along the NH, many cross-road junctions shall be encountered. At all such locations laying shall be done through HDD/overhead crossing (by fulfilling minimum clearance criteria) and no dismantling of cross-road shall be allowed in any case, as these junctions have been developed by NHAI and thus any damage to the same shall not be allowed in any case. Further, in locations of bus lay by/truck lay by/bus shelters, the laying shall be done toward the extreme edge of ROW, and no damage shall be caused to these assets and no laying shall be done underneath the Bituminous Concrete.
- viii. Laying along the NH ROW shall be allowed beyond the toe line of the embankment and drains only that too at the extreme edge of the Row as indicated in drawings.
- ix. 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. As an additional measure all such location of minor bridges and Major Bridges has already been deleted from the proposal and applicant shall be required to ensure laying at own arrangement after seeking necessary approval from Concerned Department, as may be applicable. The safety precaution for carrying out HDD shall be ensured by the Applicant as brought out in MoRTH Policy dated 17.04.2023.
- x. No laying shall be allowed underneath/over the drain or service road of the NH in any case. No additional distribution lines shall be laid without specific approval of the Competent Authority.
- xi. It shall be the responsibility of the applicant, to ensure clearance from all statutory departments such as Forest Department, Water Resource Department etc as may be applicable and as mandated by law.
- xii. No damage shall be caused to NH asset such as drain, embankment, carriageway or any road furniture on the NH for this proposed laying along/across the NH ROW. The Utility shall be laid at edge of NH ROW and Removal of Encroachment if any shall be the responsibility of the applicant.
- xiii. While laying the line, the applicant must ensure that the extent of digging of the trenches should be strictly regulated so that utility



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services are laid, and trenches filled up before the close of the work that day. The filling should be completed to the satisfaction of the Engineer of Project/NHAI and Concessionaire on daily basis.

- xiv. In the section under consideration, the plantation has been carried out by the Forest Department, however if any plantation of the NHAI being maintained by the Concessionaire is disturbed/damaged/removed, then the applicant shall be liable to pay damages Rs 2500/- Per plant and in case of failure of agency to deposit the same, it shall be recovered from the BG submitted by the applicant.
- xv. The bank guarantee is submitted as a security against (1) Improper restoration of ground in terms of filling/unsatisfactory compaction (1) damages caused to any asset of NHAI (inter alia including plantation) (i) damage caused to any other underground installations/utility services (v) interference, interruption, disruption or failure caused thereof to any services etc. The BG can be forfeited by the Authority in case the work is not carried out as per the conditions imposed by the Approving Authority, the conditions of working permission and executed licence deed for which the Licensee shall not have any right to make objections/claim in the matter.
- xvi. In case of any damage caused to any asset if Authority (inter alfa including plantation), the working permission shall be withdrawal till proper restoration to the satisfaction of Authority and in case of failure of applicant to ensure proper rectification, the amount shall be forfeited by the Authority from the Bank Guarantee submitted by the applicant for which the Licensee shall not have any right to make objections/claims.
- xvii. 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 failing which the permission may be cancelled by the Highway Administrator for which the Licensee shall neither be entitled to any claims, nor shall it be absolved from any liability already incurred. The Licensee shall be liable to pay full compensation to the Authority (as assessed by the Authority) for any damage sustained by the Authority by reason of the exercise of the Row facility by the applicant.
- xviii. 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 and the Licensee shall procure insurance from a reputed Insurance company against damages to already existing underground installations/utilities/facilities etc. The Licensee shall be solely



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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 coordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.

- xix. In terms of clause-7 of MORTH Guideline dated 22.11.2016, the utility services shall be made operational by the Licensee only after a completion certificate to the effect is issued by the Highway Administration 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.
- xx. For the purpose of completion certificate, three copies of 'as laid drawings of utilities (hard) and soft copies) with geo-tagged photographs (@every 100m interval and at each crossing) and geo-tagged video recordings (Date wise) of laying of cables in the trench (with respect to the NH) shall be submitted after complete restoration shall be submitted to the Authority for verification/record within a month of completion of works.
- xxi. The Bank Guarantee shall be returned only after issuance of completion certificate by the Highway Administration.
- xxii. The permission can be cancelled at any time by Authority for breach of any condition brought out above and for any condition imposed by Competent Authority while granting approval and working permission or licence agreement. Licensee shall not be entitled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.
- xxiii. Applicant shall ensure videography during the execution of the work and the same shall be compulsorily submitted to this office within 24 hrs, after completion of the work.
- xxiv. The site will be restored to the original condition by the utility department itself.

Proposal	Non-Refundable License Fee (for 5 years)	Performance Bank Guarantee (Refundable)
Erection of 33KV electrical Tower across the road at Km.228/000	Rs.74,274/-	Rs.1,00,000/-

National Highways Authority of India

4. In view of the above, it is requested that the necessary permission may please be granted to the Authorized signatory, M/s. JSW Renew Energy Limited wherein the proposal for seeking permission for erection 33KV RSJ poles across the road at Km.228/000 on NH-38 in Madurai- Tuticorin section NH-38 in the state of Tamil Nadu at an early date.

Enclosure: 1 No Proposals and references.

भवेदीय
11/03/2025
परियोजनानिदेशक | PROJECT DIRECTOR
पकाई- तूतीकोरिन | PIU - TUTICORIN

LICENSE FEES FOR PUBLIC UTILITY
Utilized NH Land area X Prevailing Circle Rate of Land per Unit area X 10% per annum

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND	PREVAILI NG	LICENSE FEE (PRIVATE)
		FROM	TO						
1	Manjanayakanpatti	228.000		Crossing	60	12.2	732.00	180.00	13176.00
TOTAL									

License Fee for 1st year

13176

Add: 6% per annum for 2 year

790.6

13967

Add: 6% per annum for 3 year

838.0

14805

Add: 6% per annum for 4 year

888.3

15693

Add: 6% per annum for 5 year

941.6

16634

Minimum License Fee for 5 years

74274 /-


Manager (T)
PIU - Tuticorin

RESTORATION CHARGES

Annexure-I

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L)	DIA OF THE PIPE	UTILIZED NH LAND	RESTORATION	LICENSE FEE (PRIVATE)
		FROM	TO						
1	Manjanayakampatti	228.000		Crossing	1		100000		100000.00
Restoration charges per crossing Rs.1,00,000					No.of Crossing	1	100000		
TOTAL									100000.00


 Manager (T)
 PIU - Tuticorin

PERMISSION FOR ERECTION OF OVER HEAD ELECTRICAL 33 KV POWER SUPPLY LINE

Section

Operation and Maintenance work from Km.138+800 to
Km.266+600 of Madurai – Tuticorin section of NH-38
in the state of Tamil Nadu.

Applicant:

M/S JSW RENEW ENERGY LIMITED

Bantara Kural Complex, Bantara(East)

Mumbai

Authority:

THE PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
TUTICORIN

8/20/24, 8:04 AM

Application Details [20240117/2/15/22623/4413]

Highway	NH45B [NH45B], NH45B [NH45B]
Name of Highway Authority	
Highway Administration Address	
Name of Applicant/Oil Company	JSW RENEW ENERGY LIMITED Address: AATHI PARASAKTHI NAGAR KRISHNAPURAM PARAPAKULAM TIRUNELVELI TAMILNADU 627011, TIRUNELVELI (TAMIL NADU), PIN: 627011 Phn: 9843884151 Email: Sriramkarji@gmail.com
Application Category	Industrial Utility
Utility	Power Cables
State	TAMIL NADU
Type	New
Remarks	33 KV Tower crossing at Km.228.000 on NH-38 - Madurai- Tuticorin section
Submitted On	20 Aug 2024 08:03:25

Details		
1. Length in Meters *		60
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		30
II. Right side from center line towards increasing chainage OR km direction *		30
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		30
II. Right side from center line towards increasing chainage OR km direction *		30
4. Proposal to acquire the land		
I. Left side from center line *		30
II. Right side from center line *		30
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 *		NA
7. Number of Existing lanes *		4 Lane
8. Proposed number of lanes *		6 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 *		N/A
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *		N/A
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 *		YES
I. Whether the existing drainage structures are allowed to carry utility pipeline. *		NO
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. *		80.00

IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. *

N/A

V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path *

N/A

VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *

N/A

VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *

N/A

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. *

N/A

14. Whether the proposal satisfies the following:

I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *

NA

II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *

N/A

III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. *

N/A

IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of

N/A

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MoRTH Utility Portal

V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. *		N/A
15. Document/Drawings enclosed with the proposal *		Yes
I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *		N/A
II. Cross section showing the size of pit and location of cable for HDD method *		N/A
III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *		YES, Enclosed
IV. Methodology of laying of the Utility Pipeline/OFC *		N/A
V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *		N/A

(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *		N/A
(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *		N/A
(c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust *		N/A
(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *		N/A

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18. Affidavit/Undertaking from the Applicant for following is to be furnished

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MoRTH Utility Portal

a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *		No
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

8/20/24, 8:04 AM

MoRTH Utility Portal

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 us will be stipulated by NHAI for future six laning or/any other development		
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *		Muthu Ganesh
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	TUTICORIN	NH45B [NH45B] (0.000-264.000) From Km: 138.8 To Km: 226.6	Chainage Point: 226.6 Lat: 10.48 Lng: 77.98	Chainage Point: 226.6 Lat: 10.48 Lng: 77.98	View
2	TAMIL NADU	TUTICORIN	NH45B [NH45B] (0.000-264.000) From Km: 138.8 To Km: 264	Chainage Point: 228 Lat: 10.48 Lng: 77.98	Chainage Point: 228 Lat: 10.48 Lng: 77.98	View

Documents

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

8/20/24, 8:04 AM

MoRTH Utility Portal

Applicable Fee Details

Sno	Fee Head	Stage	Fee	Amount	Status
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CHECK LIST

Guidelines for project directors for processing the proposal for Erection of overhead Electrical Line crossing in the land at National Highways vested with NHAI.

Permission for Erection of Electrical 33 KV Overhead line Crossing at Km 228+000 on Madurai – Tuticorin section of NH-38 in the state of Tamilnadu.

Relevant circulars:

- 1) Ministry Circular No. NH-41 (58)/68 dated 31.01.1969
- 2) Ministry Circular No. NH-III/P/66/76 dated 19.11.1976
- 3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.05.1982
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993
- 5) Ministry Circular No. RW/III-11037/1/86-DOI (ii) dated 19.01.1995
- 6) Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999
- 7) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.09.2003
- 8) Ministry Circular No. RW/NH-III-34044/27/2005-S&R dated 21.09.2010
- 9) Ministry Circular No. RW/NH-III-34044/27/2005-S&R dated 22.11.2016

Check list for getting approval for Erection of Overhead Electrical line on NH land

S.No	Item	Information /Status	Remarks
1.0	General Information		
1.1	Name and Address of the Applicant	M/S JSW RENEW ENERGY LIMITED Bantara Kural Complex, Bantara(East) Mumbai	
1.2	National Highway Number	NH-38	
1.3	State	Tamilnadu	
1.4	Location	Madurai – Tuticorin section of NH-38	
1.5	Chainage In km	228+000	
1.6	Length in Meters	60 M ROAD CROSSING	
1.7	Width in available ROW		
	(a) Left side from center line towards increasing chainage/km Direction	30M	
	(b) Right side from center line towards increasing chainage/km Direction.	30M	
1.8	Proposal to erection of EB Tower		
	(a) Left side from center line towards increasing chainage/km Direction	95M	
	(b) Right side from center line towards increasing chainage/km Direction	80M	
1.9	Proposal to acquire land		
	(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 be acquire, If not then where to lay the underground pipeline.	LA Completed	

1.11	Details of already laid services, if any along the proposed route	NA	
1.12	Number of lanes (2/4/6 lanes) Existing	4 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes	6/8 Lanes	
1.14	Service road Existing or not	No	
	If yes then which side		
	(a) Left side from center Line	Nil	
	(b) Right side from center Line	Nil	
1.15	Proposed Service Road		
	(a)Left side from center Line	NA	
	(b) Right side from center Line	NA	
1.16	Whether proposal to erection of overhead line is after the service road or between the service road and main carriage way.	NA	
1.17	The permission for erection of overhead line shall be considered for approval/rejection based on Ministry Circular mentioned as above. (a) Carrying of Sewage /gas pipelines in highway bridges shall not be permitted Fumes/gases pipe can be accelerate the process of corrosion or may cause explosions, thus being much more injurious of water. (b) Carrying of water pipelines on bridges shall be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridges si finalized, they may be permitted to carry the pipeline in Independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repair,etc., © Cost of required extension of the substructure as well as that of the supporting structure shall be borne by the agency-in - charge of the utilities, (d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.	NA	
1.18	No of application on the same stretch	First	
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 1.2 m deep X0.3m wide)		
	(a) Should not be greater than 60cm in wider that the outer diameter of the pipe.	NA	
	(b) Located as close to the extreme edge of		



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	the right of way as possible but not less than 15 meter from the center lines of the nearest carriageway (c) Shall not be permitted to run along the NH when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges. (d) These should be so laid that their top I at least 0.6 m below the ground level so as not to obstruct drainage of the road land.		
2.2	Cross section showing the size of pit location of cable for HDD method	NA	
2.3	Strip plan/Route plan showing the Overhead Electrical line, Chainage, Width of RoW distance, Important mile stone, and intersections etc.	Yes Shown in diagram	
2.4	Methodology for erection of overhead electrical line.	33 kv OH for providing uninterrupted power supply.- Construction of 33 KV Double circuit Transmission line on Double Circuit Tower From the proposed 230/33 kv Pooling substation	
2.41	Open Trenching method. (May be allowed in utility corridor only while pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	NA	
3	Draft License Agreement signed by Two witness	YES	
4.0	Performance Bank guarantee	Would be obtained after approval of the proposals	
4.10	Performance BG as per ministry's Circular No. RW/NH-11044/27/2005-S & R ® dated 22.11.2016 to be obtained @ Rs 100/- per meter length	Applicable at later date	
4.2	Confirmation of BG gas been obtained as per NHAH guidelines	To be obtained at the time of execution of Agreement.	
5.0	Affidavit/Undertaking from the Applicant	Undertaking is enclosed is herewith	
5.1	Not be Damage to other utility, if damaged then to pay the losses either to NHAH or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantee	Yes will be obtained after submission of BG	
5.3	Confirming all standard condition of NHAH's Guideline	Yes	
5.4	Shifting of OH line as and when required by NHAH at their own cost	Yes	
5.50	Shifting due to 6laning/widening of NHAH	Yes	
5.6	Indemnity against all damages and claims	Yes	

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	clause (XXIV)		
5.7	Traffic movement during laying of water supply pipeline 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	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting of repairs, or alternations to the showing water supply pipeline located in NH right of ways	Yes	
5.10	Expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying maintenance or shifting of the water supply pipe line will borne by the agency owning the line.	Yes	
5.11	If the NHAI 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 NHAI at the cost of 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 (a) Laying of overhead electrical line will not have any deleterious effects on any of the bridge components and road way safety for traffic (b) For 6-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 NHAI" for future six – laning or any other development."	Yes	
6	Who will sign the agreement on behalf M/S JSW RENEW ENERGY LIMITED	The Authorized Signatory M/S R.Muthu Ganesh, Tirunelveli.	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry circular No.RE/NH-11044/17/2000-S&R dated 29.09.2000 and NHAI,s guidelines issued vide no. NHAI/OEC/2K/VOL II dated 7.11.2000 NAD Minsistry Circular No RW/NH-11044/27/2005-S&R ® (pt) dated 06.08.2013 and Ministry Circular No. RW/NH-11044/27/2005-S &R ® dated 22.11.2016	Yes	
7.2	Certificate for 6-laning from PD in the following format	Yes	
	(a) Where Feasibility is available "I do certify that there will be Hindrance to proposed six laning based on the feasibility report considering proposed structure at the said location".	Yes	

	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six laning".		
8	If NHAH section proposed to be taken up by NHAH on BOT basis a clause is to be inserted in the agreement. " The permitted highway on which License has been granted the right of way to the concessionaire under the concession agreement for up-gradation of Madurai Tuticorin section of NH-45B on O&M basis and therefore the license shall honor the same"	Yes	
9	Who will supervise the work of erection of overhead electrical line	Filed officers of NHAH and consultant/ Concessionaire, TNEB- Distribution Officials	
10	Who will ensure that the defects in road portion after erection of overhead electrical line are corrected and if not corrected then what action will be taken	The M/S JSW RENEW ENERGY LIMITED Bantara Kural Complex, Bantara(East) Mumbai BG will be encashed. Claim amount will be determined according to the nature and seriousness to the nature and seriousness of damages (if any defects in road portion, BG will be encashed by NHAH)	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	The applicant should pay the claims	
12	A certificate from PD that he will either the proposed permissions in the register of records of the permissions in the prescribed Performa (Copy Enclosed) issued vide ministry circular No. RW/NH/11044/17/2000/S&R R dated 23.07.2003 & 06.08.2013 and Ministry Circular No. RW/NH-11044/27/2005-S&R ® dated 22.11.2016.	Yes	
13	If any previous approval is accorded for erection of overhead electrical line then photocopy of register of records of permission accorded as maintained by PD then copy be enclosed	No	

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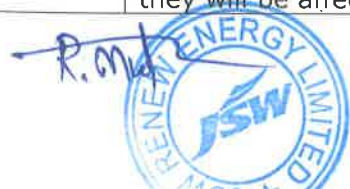
**Permission for Erection of Electrical 33 KV Overhead line Crossing at Km 228+000
Madurai – Tuticorin section of NH-38 in the state of Tamilnadu.**

GENERAL TO ACCOMPANY ALL PROPOSALS

CHECKLIST

GENERAL

1	Whether the site plan is drawn to scale of 1:5000 or 1:2500 and enclosed	Not to scale
2	Whether the details for 100 m either side of utility laying have been furnished	No
3	Does the plan is shown in full	Yes
	a. NHAI boundary line with distance from center line of the road marked at salient points where the land width is changing and also 200 m interval.	Yes
	b. The berm, line distance form center line of proposal with Change showing and distance from NHAI center line	Yes
	c. Center line of pavement and parent edge line marked distinctly	Yes
	d. The locations of the utility line of proposal with Change shoeing exact location and distance from NHAI Center line	Yes
	e. Median if any marked to scale	Yes
	f. The Existing culverts/ drainage works with diversions	Yes
A	Purpose of the proposal in details	Erection of 33 KV Head line for providing un interrupted power supply for transmission schemes for improving the infrastructure.
B	Exact Location of the proposal	EB Tower crossing at km 228+000
C	Whether the applicant is private agency of Govt. Agency	Private Agency
D	Any time schedule fixed for the completion of the proposal made	As Quickly as Possible
E	Reason why the proposal could not be accommodate outside the NH land	Overhead Electrical Line only
F	Whether any other location other hat this difficult or costly	NA
G	Whether the proposal, if implemented, will affect the design stability and traffic safety of national Highways	No
H	Whether the proposal, if implemented now will affect any likely future improvement, such as improvements in geometric	No
I	If there any proposal improvements, in this stretch of likely to be sanctioned in the near future where they will be affected by this	No



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**Manager (T)
PIU - Tuticorin**

CERTIFICATE

1. This proposal when implemented will not affect the design stability and traffic safety of National Highways Authority of India.
2. This proposal implemented now, will not affect any likely future improvements such as improvements to geometrics.
3. There is no proposal for improvements in this stretch likely to be sanctioned near future.
4. This proposal is in accordance with the Government of India specifications.
5. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.

The above mentioned rules have been noted for guidance

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Signature

Manager (T)
PIU - Tuticorin



தமிழ்நாடு தமிழ்நாடு TAMILNADU

JSW RENEW ENERGY LIMITED
MAHARASTRA

EP 120448

இரா. வெளிநாட்டுப் பார்த்து
ஸ்டாம்ப்பெண்ணு L.No 2/96
புதுக்கோட்டை (தாதுக்குடி)
20.08.2024

LICENSCE DEED FOR ERECTION OF OVERHEAD ELECTRICAL LINE ON NATIONAL HIGHWAY
LAND

Agreement to Erection of 33 KV Over Head Line crossing at Km 228+000 of Madurai - Tuticorin section of NH-38 in the State of Tamil Nadu.

This Agreement made this _____ days 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 part, and The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

WHEREAS the National Highway Authority of India is responsible for the development and maintenance of road from the National Highway NH-38(Old NH 45B) in the State of Tamil Nadu.

WHEREAS the Licensee proposes to lay electrical cable referred to as utility services in subsequent paras.

WHEREAS the Licensee has applied to the NHA for the permission to Over Head Line crossing at Km 228+000 Madurai-Tuticorin section of NH-38 in the state of Tamil Nadu.



And WHEREAS the NHAI have agreed to grant such permission on the terms and conditions herein after mentioned.

Now, this agreement witnesses that subject to the conditions hereinafter contained and the part of the Licensee to be observed and performed. NHAI hereby grant to the licensee permission to erection of overhead 33 KV electrical lines in accordance with the predetermined route and the approved drawing and methodology attached hereto as annexure 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 the in the licensee 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 utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfillment of technical requirement shall be final and binding on all concerned parties, In case any disruption/damage is caused to any existing user by the subsequent use, the Authority shall not be 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 clearness, supply of equipment material, construction, erection, testing and commissioning. Maintenance and operation and all other activities essential for required for efficient functioning or their own utility/industrial infrastructure facilities.
4. The Licensee shall pay licensee fees @Rs...../Sq m/ month to the Authority. The Licensee fee become payable from the date of handing over of ROW land in the Licensee for laying of overhead electrical line/ utilities/cables/conduits/pipelines for infrastructure/service Provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a licensee agreement. In case of removal, rate prevailing at the time of removal 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 2.00m 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 side furniture etc utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make 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 railing/parapets and the bridge superstructures. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost in account of fixing and supporting arrangement as assessed by Authority shall be payable by the Licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath 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 the maintenance of the utility services shall not interface 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 be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Forwards this, the top of the utility services shall be aesthetically provided for / landscaped with required safety measures as directed by concerned Authority.
11. The utility service 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. That the licensee shall at all time permit any duly authorized officer (or) servant of the NHA to inspect the said erection/crossing of Overhead Electrical line.
14. The casing services shall cross the national Highways preferable on a line normal to it or nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the embankment either by boring or digging a trench. Installation by boring method shall be preferred.



16. That incase of any burst or leak of Erection/crossing of Electrical line, the licensee shall bear the entire cost of the restoration or damage caused to the road.
 - a. That the licensee shall be liable for any loss or damage caused to the NHAI by drainage obstruction or any other like caused due to the said erection of electrical pole.
 - b. The backfill shall be completed in two stages (i) side-fill to the level of the top of pipe (ii) Overfill to the bottom of the road crust.
17. The licensee shall ensure making good the excavated trench for laying utility services by proper filling and compacting, so as to restore the land in to the same condition as it was before digging the trench, cleaning debris/loose earth produce due to execution of trenching at least at least 50m away from the edge of the right of way.
18. All 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 @ per sq m with validity of one year initially (extendable if require 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 group in terms o filling/ unsatisfactory compaction damages caused to other underground in terms of filling/ unsatisfactory compaction damages caused to other underground insulation/ utility services & interference, interruption, disruption or failure caused there of any services etc. In case of the Licensee failing in 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 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 restate the required the performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed in the satisfaction of the Authority, which has granted the permission within a period of 11 month 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. Not with standing 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 the ROW facility.

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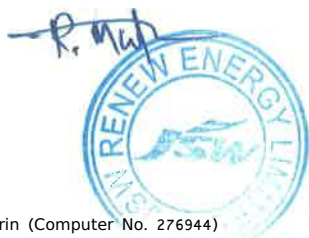
21. The Licensee shall shift the Overhead Electrical line within 90 days (or as specified by the respective NHAI) from the date of issue of the concerned Authority to shift/relocate the Overhead Electrical line, in case it is so required for the purpose of improvement widening of the road/highway or 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 Overhead lines/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 Overhead lines/ underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible / liable for full compensation/ indemnification of concerned agency/aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with authority shall also have a right to make good such damages/recover the claim by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with the condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grand 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 any 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 is authorized representative in consultative with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation o making of good of the excavated trench/ other restoration work, the Authority shall have a right to make good the damage 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 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 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 cable/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time which an thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited however, the Authority also has a right to terminate the permission or to extent the period of agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alteration to the utility services without prior written permission of the concerned agency in coordination with the Authority.
32. The permission granted shall not any way be deemed to convey to the licensee any ownership right or any interest in route/road/highway land/property, other than what is herein expressly granted. No use of ROW will be permitted for any purpose other than that specified in the agreement
33. During the subsistence of this Agreement, the Overhead Electrical line/Ducts 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 overhead lines (with respect to the NH) and after complete restoration shall be submitted to the Authority verification and record wit in a month of completion of works.
36. The Licensee shall allow free access to the site at all times to the authorized 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 in the effect that the utility services has been laid in accordance with the approved specification 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 the Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant India 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 manufactures.
 - 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, diversions shall be constructed, If any traffic diversion works are found necessary 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 Overhead electrical line /cable/ducts within 90 days and the site shall be brought back to the original condition failing which 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 50 m away from the edge of the ROW.
42. Any disputed in interpretation of the terms and conditions of this agreement or their implementation shall be referred to the redress mechanism preventing in ministry and decision of the redress mechanism shall be final and binding on all.
43. For PPP Project in caste of any financial loss incurred by the respective project concessionaires due to such erection of overhead electrical line/ laying and shifting or utility services by the licensee, compensation for for the same shall be required to be borne by the Licensee in mutual agreement with the respective project



concessionaires. MORTH & NHAI/Implementing Authorities for the project not liable to the concessionaire in any way in this regard.


This Agreement has been made in duplicate, each on a Stamp paper; each party to this agreement has retained one stamped copy each

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

SIGNED SEALED ON DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI

(Signature,name & address with stamp)

 (R. MUTHU GANESAN)
SIGNED ON BEHALF OF M/s JSW RENEW LIMITED



(Signature,name & address with stamp)

HOLDER OF GENERAL POWER OF
ATTORNEY DATED.....
EXECUTED IN ACCORDANCE WITH
THE RESOLUTION NO. NIL DATED
PASSED BY THE BOARD OF
DIRECTORS IN THE MEETING HELD ON
IN THE PRESENCE OF (WITNESS);

1.

2.



தமிழ்நாடு தமில்நாடு TAMILNADU

EP 120448

JSW RENEW ENERGY LIMITED
MAHARASTRA

இரா. ஸெனின் பார்த்

We the The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai - to Over head line crossing at 228+000 of Madurai - Tuticorin Section of NHAI (தாதுகோட்டை) the state of Tamil Nadu.

நாள்

We hereby undertake the standing conditions of NHAI Guidelines.

1. **Not to damage to other utility, if damaged then to pay the Losses either to NHAI or to the concerned agency:** Regarding the location of other Overhead Electrical lines / Pipelines, underground installation / utilities etc. The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai shall be responsible to ascertain from the respective agency in coordination with NHAI. M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai - shall be responsible for safety of all construction works such as erection of towers, stringing of line along and across the NH Road.
2. **Renewal of Bang Guarantee:** The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai furnish a bank guarantee @ Rs. 100 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 erection of electrical overhead line should be minimum 6.5m vertical clearance as per IRC. No payment shall be payable by the NHAI to The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai 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. The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai falling to discharge the obligation of making good the excavated trench, NHAI shall have a amount by invoking the bank guarantee furnished by The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai.

3. Confirming all standard conditions of NHAI:

- i. The period of validity of way leave permission shall be co-terminus with the validity of licensee given by the Ministry of communication/DOT.
- ii. Existing CD works shall not be allowed for laying overhead line and shall be crossed by The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai method only.
- iii. The NHAI has a right to terminate the permission or to extend the period of agreement. In case M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai wants shifting, repair or alteration to overhead lines, It will have to furnish a separate bank guarantee.
- iv. 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 erection of overhead line.
- v. The permission granted shall not in any way be deemed to convey to M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai any ownership right or any interest in route/road/highway/land/property, other than what is herein expressly granted.
- vi. During the subsistence of this agreement, the laying overhead lines /ducts 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 M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai to the use thereof shall not become absolute and indefeasible by laps of time.
- vii. The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai - shall bear the stamp duly charged for the agreement.
- viii. The overhead lines shall not be brought in to use by The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai unless a completion certificate to the effect that the laying pipelines 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.
- ix. Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the breach of any condition of the same and M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai 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.
- x. 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 M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai 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.

4. The enforceability of the ROW permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the licensee agreement of the licensee with the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex,

Bantara(East), Mumbai and for the purpose for which it is granted. Either by content or by intent the purpose extending this ROW facility is not enhance the scope of the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai.

5. Shifting of OHL as and when required by NHAI: The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai shall shift the pipelines 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 Overhead electrical lines. 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 its own cost and risk.
6. **Shifting due to 4 lining/widening of NH:** After the termination/expiry of the agreement, the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai shall remove the Overhead electrical lines within 90 days and the site shall be brought back to the original condition failing which the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai will lose the right to remove the overhead electrical lines. However before taking up the work of removal of overhead lines M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai 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 erection of electrical overhead lines should be 6.5m vertical clearance.
7. **Traffic movement during laying of OHL 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 the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai.
8. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai 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 JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai. 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 the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai fails to comply with the condition 5 and 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 JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai. We the M M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai 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, The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai failing to discharge the obligation of making good the damages caused due to excavated trench, the NHAI shall have a right to make good the damages caused due to excavation at the cost of the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai 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 JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai 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 t pay the losses either to NHAI or to the concerned agency.
10. We shall inform the officers of NHAI at least 15 days in advance before starting the work.
11. We shall not, without the prior permission in writing of the concern officers of the NHAI undertake the any shifting and other alteration works of this erection of power lines.
12. NHAI shall not be responsible for any damage caused to the power supply lines or by any activity of our side on the permitted highway. The parties are agreed that we are laying the power supply lines on the permitted highway at its own cost.
13. The excavated tower pit shall be properly back filled, so as to restore the land in the same in the condition as it was before the excavation of the pits and shall clear the debris/loose earth produced from the execution of the tower erection lines.
14. 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. The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
15. We will relocate the overhead electrical lines/utilities at our own cost

notwithstanding the permission granted within such times as shall be stipulated by NHAI for future six lining or any other development.

16. We the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai hereby undertake that the existing avenue plantation is not affect due to the present proposed erection of overhead line crossing at Km. 228+000 of Madurai — Tuticorin section of NH-38 in the State of Tamil Nadu.
17. We the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai tending hereby undertakes to erection of electrical supply line will not have any deleterious effects on any of the bridge components and road way safety for traffic.
18. We agree indemnity against all damages and claims clause XXIV
19. We are confirming the standard conditions of NHAI's Guidelines.
20. We shall be responsible for shifting of the electrical line as and when required by NHAI at their own cost.
21. We undertake that vertical clearance is 21.625 Meter from FRL
22. We the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai hereby undertake that the pay the fee/rent as mentioned in the Ministry's Guidelines Lr. No.RW/NH-33044/27 2005-S&R(R) dated 21-09-2010 as and when asked by NHAI.
23. We the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai hereby undertake that crossings of all cross roads at grade separators, at grade junctions and wherever required and in the buildup areas as per the instructions of NHAI officials.
24. Lr.No. RW/NH-33044/27/2005-S&R® dated 21.09.2010 as and when asked by NHAI. Reference circular issued by Ministry of Road Transport & Highways, GOI, Circular No. RW/NH-33044/27/2005-S&R® dated 21st September 2010. Where in, the last paragraph that " The Highway Administration Rules 2004 will be modified according this circular will come in to effect from the date of notification of the modified "Highway Administrative Rule". So we hereby give our consent to abide by the content of this circular from the date of its notification by MoRT&H,GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.



For the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai.



தமிழ்நாடு தமில்நாடு TAMILNADU

EP 120448

JSW RENEW ENERGY LIMITED
MAHARASTRA

IDEMNITY BOND

இரா. ஸெனின் பார்த்
ஸ்டாம்ப்வெண்ட் L.No 2/96
புதுக்கோட்டை (தாதுக்குடி)
நாள்: 20.08.2024

Name of the work: Madurai - Tuticorin section - Over head line crossing at 228+000 of Madurai - Tuticorin section of NH-38 in the state of Tamil Nadu.

Indemnity against all damages and claims as per SI.No. 5.6 Of Checklist:

We the M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai in do here by indemnity Project Director, NHAI, PIU, binding ourselves to pay all the losses and claims in respect of Erection of 33 KV Electrical tower across at Km 228+000 to Km 227+900 of Madurai - Tuticorin section of NH 38 in the state of Tamil Nadu or maintenance thereof and against all claims, proceedings, damages, costs, charges and expenses 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.

The M/S JSW RENEW ENERGY LIMITED, Bantara Kural Complex, Bantara(East), Mumbai.



Enclosure to Ministry of Road Transport & Highways Letter no.RW/NH-11044/27/2005/S&R (R) (PT.) dated 22.11.2016

Annexure-1

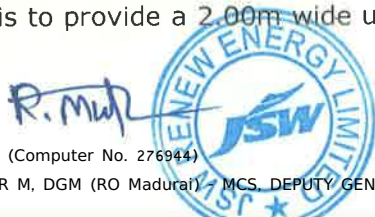
GUIDELINES FOR GRANTING RIGHT OF WAY PERMISSIONS TO TELECOM SERVICE LICENSEES / INFRASTRUCTURE PROVIDERS FOR LAYING OF TELECOM CABLES/DUCTS/OVERHEAD LINES ON NHAI LAND

Government has realized the need for creating a robust telecommunication infrastructure with adequate bandwidth at affordable rates in order to promote development and proliferation of Information Technology, Electronic Governance, E-Commerce convergence of information, communication, and entertainment sectors so as to improve the state of economy, enhance the quality of life of the citizens and to ensure development of urban and rural areas with equity throughout the country.

The Department of Telecom (DoT), Ministry of communications, Government of India has issued the National Telecom Policy 2012 in recent past which enunciates the need to review and simplify sectoral policy for granting Right of Way (Row) for laying cable networks among others.

Keeping the above objectives in view, the following broad guidelines are being recommended by the Ministry of Road Transport & Highways(MoRTH), under which row permissions may be granted to licensed telecom operators and registered infrastructure providers for laying Telecom Cables including Optical Fiber Cable (OFC)/ ducts under, over, along, across, in or upon a property vested in or under the control or management of local authority or of any other person including public authority, public corporation, autonomous body, State Govt. or Central Govt. in their respective licensed service area during the currency of their license.

1. Any authorized License of DoT/Registered Infrastructure Provider is eligible to seek/avail RoW facility/permission. However, enforceability of the permission so granted shall be restricted to the extent of provisions/scope of service contained, defined in the license agreement of that licensee & for the purpose for which it is granted.
2. Either by content or by intent, the purpose of extending RoW facility is not to enhance the scope of license of a licensee or such RoW permissions are only enabling/facilitating in nature.
3. The cable shall always be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageways, central verge, shoulders, slopes of embankment and drains, the cables shall be laid beyond the toe line of the embankments and clear of the drain. In cases where cables ducts with sufficient spaces are already available along with NHAI, the cables shall be laid in such ducts subject to technical requirements being fulfilled. Present policy of the MoRTH is to provide a 2.00m wide utility corridor on either side of the extreme edge



of RoW where required RoW of at least 45m is available, which includes provision of OFC Ducts.

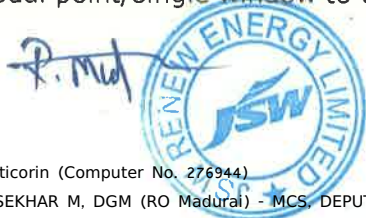
4. The facility of RoW for laying underground Telecom cables, shall be available to all licensees (irrespective of existing or future) and registered/licensed infrastructure providers, without discrimination and without payment of any compensatory charges/levy/lease rentals/license fee/free bandwidth/revenue share/cashless equity etc. subject to the condition that this row shall be available to licensees to the extent of provisions contained in their license agreements and reinstatement charges shall be borne by such licensees.

5.A Performance Bank Guarantee @ RS.100 per route meter with a validity of one year initially (expandable if required till satisfactory completion of work) shall have to be furnished by each license to the Authority /its designated agency as a security against improper restoration of ground in terms of filling /unsatisfactory compaction charges damages caused to other underground installations /utility services & interference, interruption, disruption or failure caused thereof to any services etc. the above charge of Rs.100/m is liable to be reviewed every 5 years. For clarification, it is hereby mentioned that all required restoration work subsequent to laying of the cable shall be required to be undertaken by the licensees its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards. In case of the licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount of forfeiture of the Bank Guarantee. In case, the performance Bank Guarantee is invoked as mentioned above the license 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 period furnish a fresh guarantee or extend the guarantee for a further period of one year.

Notwithstanding this, the License 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.

6. In order to expedite RoW clearances to the Licensees in a time-bound manner through an appropriate and effective approval mechanism, a committee under the chairmanship of Chief Secretary to the respective State Govts. may act as single window to coordinate all activities in this regard. Each State Govt. may select a Nodal Person/Secretary of a Dept. to function as Secretary to this Single Window Clearance Committee. However, in case of NHAI land, licensees would be required to take permission from the highway administration for laying of cables. As regards NHAI routes executed by the State PWD, the concerned state Chief Engineer (NH) may act as nodal point/single window to coordinate the activities whereas in respect of the



NHAI routes held by NHAI & BRDB, designated officers of NHAI & BRDB may be assigned this task.

For work involving laying of cables along National Highways Authority of India in different States or National Highway Authority of India Project of length exceeding 500 km. in one state, Project Director (Standards, Research & Technology) (R), MoRTH shall be the approving authority under whom a Single Window Facilitation Committee will be created.

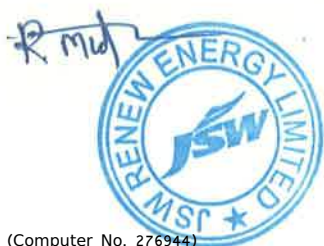
Highway Administrator Nodal Officer shall maintain a record of all Row permissions granted in the Format given in Annexure – III including permissions given at Ministry level.

7. RoW permissions may be granted by the said nodal office to a Licensee within a period of four weeks from the date of submission of completed application subject to the Licensee's application being complete with route details (including authority/ownership of concerned sections of the route) and compliance to eligibility requirement, furnishing of requisite Bank Guarantee and execution of an Agreement having operational details. The above stated Single Window Clearance committee may be responsible to co-ordinate in the case of any dispute for ownership of property and expedite grant of RoW clearance thereof so as to adhere to the stipulated time-frame.

8. In case any shifting or alteration in the position of the laid Telecom Cables is required due to widening of highways and constructing of flyovers of bridges, the Licensee shall do the same at his own cost at a later date within specified period indicated by the respective agency.

9. In order to avoid repeated digging on the same routes in cases where cable ducts with sufficient space are already available along NHAI, laying of cables shall be encouraged in such ducts subject to technical requirements being fulfilled. In cases where such ducts are not available, the first incumbent shall be allowed to lay voluntarily extra ducts/conduits with extra capacity so as to take care of future needs. The capacity/excess capacity can be commercialized by the incumbent with suitable mutual agreements with the excess capacity by the first incumbent shall not be a pre-condition for giving RoW clearances. The Central/State roadways authorities may consider laying ducts/conduits at the time of construction of roads to facilitate laying Telecom Cables for which suitable charges could be imposed.

10. Licensee shall ensure safety and security of all underground installations / utilities / facilities and shall be solely responsible for compensation / indemnification of concerned authority for damage caused / claims or replacements sought for at the cost and risk of Licensee.

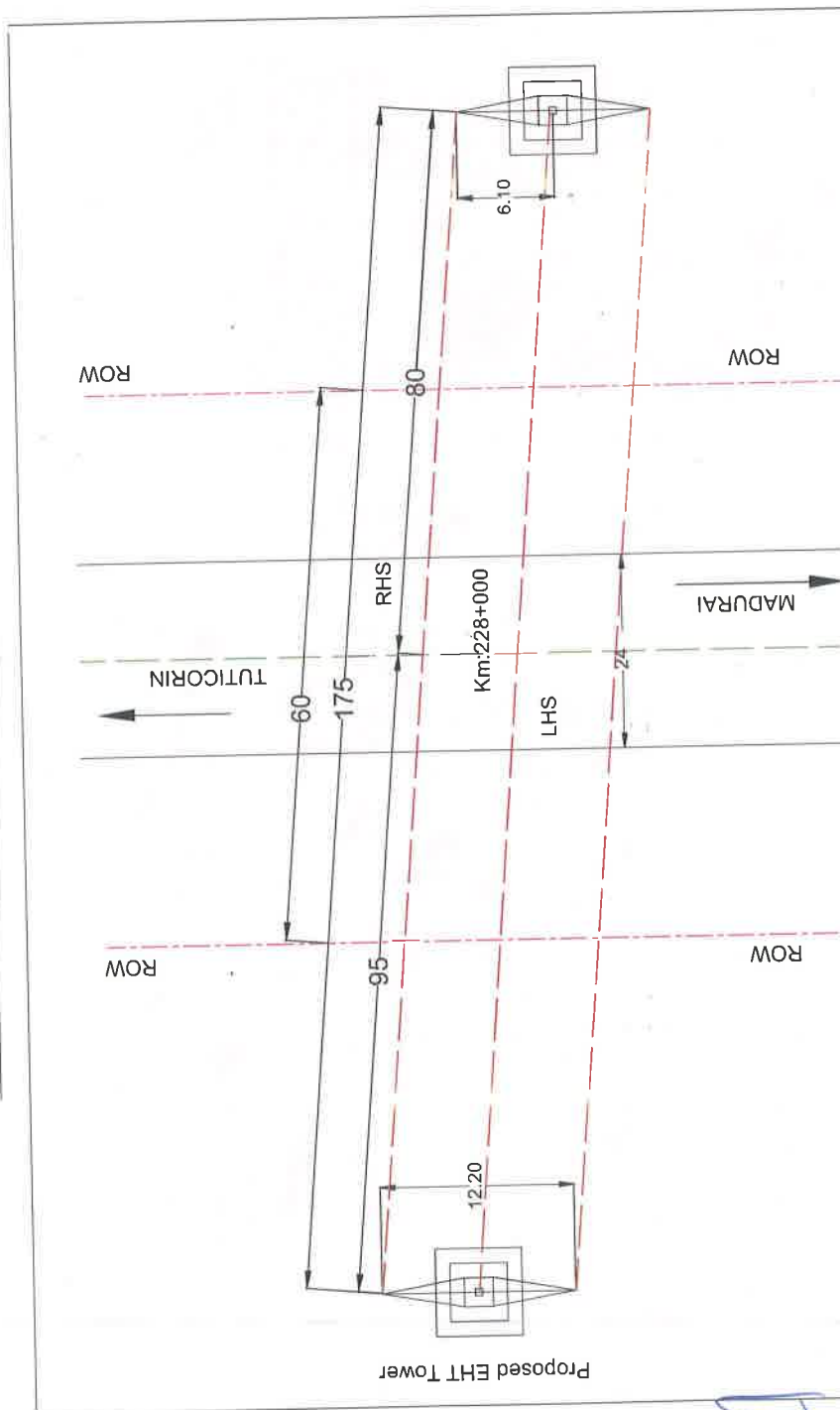


11. Licensee shall be liable to give a notice of 15 days with route details prior to trenching for fresh or maintenance / repair works. A separate performance Bank Guarantee for maintenance / repair works shall be furnished by Licensee.
12. The period of validity of RoW permission shall be co-terminus with the validity of license.

R. mad



**33 KV DC LINE CROSSING AT KM 228+000 IN MADURAI TO
TUTICORIN SECTION OF NH - 38**



**Madurai - Tuticorin section of NH - 38
Road Crossing at Km 228+000**

Applicant

M/S. JSW RENEWABLE ENERGY LIMITED, Banbara Kural Complex, Banbara (East), Madurai



Notes:

- 1) All Dimension are in meter
- 2) Scale: Not to scale

LEGENT	Description
---	ROW
---	Center line
	Proposed Tower
---	Proposed over Head line

**Highway Cum RE
Bloom / GPC / JR
NH - 138**

**Manager (T)
PIU - Tuticorin**

LICENSE FEES FOR PUBLIC UTILITY

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

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND	PREVAILI NG	LICENSE FEE (PRIVATE)
		FROM	TO						
	Across the road								
1	Manjanayakanpatti	228.000		Crossing	60	12.2	732.00	180.00	13176.00
TOTAL									13176.00

License Fee for 1st year **13176**

Add: 6% per annum for 2 year 790.6 13967

Add: 6% per annum for 3 year 838.0 14805

Add: 6% per annum for 4 year 888.3 15693

Add: 6% per annum for 5 year 941.6 16634

Minimum License Fee for for 5 years **74274** /-

Restoration Charges = One Lakhs per Crossing*1 = 1,00,000 100000 /-



Handwritten signature and text: Highway Cum RE Bloom / CPC / JR NH - 138

Handwritten signature and text: Manager (T) PIU - Tuticorin

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District:		Village:	
Street/Survey	246	Revenue	ETTAYAPURAM
Number:		Taluka:	

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2	246/1B	728450/ Acre	1800000/ Hectare	Dry Abutting National Highways Type - III	01-Apr- 2023	-

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Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
3	246/2B	728450/ Acre	1800000/ Hectare	Dry Abutting National Highways Type - III	01-Apr-2023	-
4	246/3	728450/ Acre	1800000/ Hectare	Dry Abutting National Highways Type - III	01-Apr-2023	-

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Last Updated on 29/09/2023



सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Central Registration Centre

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 and sub-section (1) of section 8 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that JSW RENEW ENERGY LIMITED is incorporated on this Fifth day of March Two thousand twenty under the Companies Act, 2013 (18 of 2013) and that the company is limited by shares.

The Corporate Identity Number of the company is U40106MH2020PLC338593.

The Permanent Account Number (PAN) of the company is AAECJ7900R *

The Tax Deduction and Collection Account Number (TAN) of the company is MUMJ22427G *

Given under my hand at Manesar this Fifth day of March Two thousand twenty .

BY MINISTRY OF
CORPORATE AFFAIRS

Digital Signature Certificate

SHIVARAJ C RANJERI

ASST. REGISTRAR OF COMPANIES

For and on behalf of the Jurisdictional Registrar of Companies

Registrar of Companies

Central Registration Centre



Disclaimer: This certificate only evidences incorporation of the company on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on www.mca.gov.in

Mailing Address as per record available in Registrar of Companies office:

JSW RENEW ENERGY LIMITED

JSW Centre, Bandra Kurla Complex, Bandra (East), MUMBAI, Mumbai
City, Maharashtra, India, 400051

as issued by the Income Tax Department

भारत सरकार
Government of India

இந்திய அரசாங்கம்
Government of India

இந்திய தனிப்பட்ட அடையாள ஆணையர் அமைப்பு
Unique Identification Authority of India



பதிவேட்டு எண்/ Enrolment No.: 0000/00120/90081

To
முத்து கணேஷ் ராமகிருஷ்ணன்
Muthu Ganesh Ramakrishnan
S/O RAMAKRISHNAN
8/13D SAI KRISHNA ILLAM
AATHI PARASAKTHI NAGAR
KRISHNAPURAM
Parpakulam
Tirunelveli Tamil Nadu - 627011
9444178304

Validity unknown

உங்கள் ஆதார் எண் / Your Aadhaar No. :
9089 1794 8242
VID : 9185 6681 8278 1396

எனது ஆதார், எனது அடையாளம்



भारत सरकार
Government of India

இந்திய அரசாங்கம்
Government of India

முத்து கணேஷ் ராமகிருஷ்ணன்
Muthu Ganesh Ramakrishnan
பிறந்த நாள்/DOB: 09/02/1984
ஆண்/ MALE

9089 1794 8242
VID : 9185 6681 8278 1396

எனது ஆதார், எனது அடையாளம்

Government of India

AADHAAR

தகவல்



- ஆதார் அடையாளத்திற்கான சான்று. குடியுரிமைக்கு அல்ல
- பாதுகாப்பான OR குறியீடு/ ஆப்லைன் XML / ஆன்லைன் அங்கீகாரத்தைப் பயன்படுத்தி அடையாளத்தை சரிபார்க்கவும்
- இது எலக்ட்ரானிக் செயல்முறை மூலம் தயாரிக்கப்பட்ட கடிதமாகும்.

INFORMATION

- Aadhaar is a proof of identity, not of citizenship.
- Verify identity using Secure QR Code/ Offline XML/ Online Authentication.
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- ஆதார் நாடு முழுவதிலும் செல்லுபடியாகும்
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- உங்கள் மொபைல் எண் மற்றும் மின்னஞ்சல் ஐடியை ஆதாரில் புதுப்பிக்கவும்
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முகவரி:
S/O ராமகிருஷ்ணன், 8/13D ஸய் கிருஷ்ணா இலம், ஆதி பராசக்தி நகர், கிருஷ்ணபுரம், பர்பாகுலம், திருநெல்வேலி, தமிழ்நாடு - 627011

Address:
S/O RAMAKRISHNAN, 8/13D SAI KRISHNA ILLAM, AATHI PARASAKTHI NAGAR, KRISHNAPURAM, Parpakulam, Tirunelveli, Tamil Nadu - 627011

9089 1794 8242
VID : 9185 6681 8278 1396

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Renew Energy Limited

Regd. Office: JSW Centre
Bandra Kurla Complex
Bandra (East), Mumbai – 400051

CIN: U40106MH2020PLC338593

Phone: 022-4286 1000

Fax: 022-4286 3000

Website: www.jsw.in

Ref: JSWFEL/ NHAI / TUT / PD / 06

Date: 25.02.2025

To

The DGM(T) & Project Director
National Highways Authority of India
Tuticorin.

Respected Sir

Sub: - Observations Reply for Approval Requested for proposed for the erection of 33kV Over head transmission line crossing and Along with road at Km 138.800 to 266.865 electrical tower 228/00 for Madurai to Tuticorin of NH 38 - Approval in Name of **JSW Renew Energy Ltd** requested - Reg

Ref: -

1. JSW Renew Energy Ltd Application with Acknowledgment: JSWREL /NHAI/TUT/ PD/01 Date: 1.03.2024
2. NHAI office letter: 11015/33/NH038/ OHT/2024/188 Date: 23.03.2024.
3. CEA-PS-12-14(20) /1/2018-PSPA-II Division 132-33 Date: 26/03/2024.
4. The Gazette of India: Section 164
5. Central Electricity Authority - 55/01/03/2024-RIO(S)/ 2799-2800 Dated:15.03.2024
6. Ministry of power - Power Communications Development division : RAC: SR-PTCC/STN 5038/07 Dat @ Chennai 32 the 30.11.2023.
7. MOD (Army) - Directorate General of singles Letter: B/46937/sings 7(B) /3278 Date: 11.08.2023.
8. Southern Railway - Signal telecommunications Engg: W384/3/6/31(TN)
9. TN: - Memorandum of undertaking Between JSW Renew Energy Ltd and Govt. of Tamilnadu Date: 25.09.2020
10. CEA – 55/01/10/2024-RIO(S)/784 Date: 10.10.2024
- 11. NHAI : 11015/NHAI/PIU/TUT/OHT/2024/876 Date: 25.10.2024**

Above the subject the line crossing observations letter reply for letter vide reference SI No 11.

R.M.



Part of O.P. Jindal Group





S. No	Observation	Reply	Clarification Needed
1	The proposed placement of an electrical pole along the road from Km.227+900 to Km.228+450 may potentially impact the existing avenue plantation and existing utility lines Also, the line is passing over existing cross roads but the height of the electric line viz-a-viz finished level of the roads is not provided, Accordingly, it is requested to provide plan of proposed electric line duly Indicating other structures, electric line or any other utilities in the vicinity with distances. A elevation plan indicating height of proposal Line viz-a-viz FRL of existing cross roads as well as other structures, electric line shall be submitted	Enclosed the safety certificate.	In the revised Strip plan submitted, the existing utilities are not enclosed. The applicant may enclose the same.
	Jsw : Our proposed line is compatible. The existing line cannot project these connectivity OH lines. Humble request to continue the proposed line.		
2	A certificate to that effect certifying its safety to be submitted by the applicant along with the methodology for ensuring the minimum horizontal & vertical clearance between existing line and proposed line.	CEA safety certificate enclosed.	Safety certificate from the TNEB/TANGEDC O and the work methodology are not enclosed. The same has to be enclosed.
	JSW: Already Submitted the TANGEDCO letter 10.02.2025. Enclosed the Undertaking for your reference.		
3	The cross section of highway showing location of supporting tower from center line of highway, edge of shoulder shall be submitted,	Enclosed the drawing	highway is not enclosed
	JSW: Already Submitted the TANGEDCO letter 10.02.2025. Enclosed the Undertaking for your reference.		
4	The Dimension of pole with clearance from Row shall be submitted	Enclosed the drawing	ROW is not superimposed in the drawing, due to which further assessment is



			difficult. ROW to be properly mentioned
	JSW: Enclosed the drawing.		
5	Width of area coming under conductor arms and dimension of power lane shall be furnished to arrive under to arrive it area under utilization by the agency shall be submitted	Enclosed the drawing	No further submission needed
	JSW: Enclosed the drawing.		
6	The Power of attorney submitted by you which is expired on 31.06.2024, a fresh Power of attorney shall be submitted	Enclosed POA document	No further submission needed
	JSW: Enclosed the new Power of attorney effective date 31.03.2025.		

We, JSW Renew Energy Limited(JSWREL) has signed Memorandum of Understanding(MoU) dated 25th September vide reference-9 and awarded by Solar Energy Corporation of India (SECI). As per connectivity approval given and transmission agreement signed with PGCIL 2020 with Govt. of Tamilnadu for providing facilitation and support for implementing 540 MW Blended Wind Power Projects. The Projects are proposed to be developed in 35 villages and 12 taluks in Tuticorin, Tirunelveli and Tenkasi Districts of Tamilnadu state.

Above Subject of the crossing approvals pending for NHA. Already application submitted and received the acknowledgment's our good office. For your kind information, our project line had already obtained the following approvals received:

1. Line route: Section 68 approval received form CEA. (Vide Ref – 3)
2. Route approval from Ministry of power –Central Electricity Authority vide Ref-04 and we have already complied necessary Gazette Publications through newspaper advertisement in three languages i.e., Tamil, English &, Hindi. And Approval received.
3. Central Electricity Authority of India: This approval Installed 33kV transmission line and connector Wind turbines generator's Energization letter already received. (Vide Ref- 05)
4. Ministry of power - Power Communications Development division: RAC: SR-PTCC/STN 5038/07 Dat @ Chennai 32 the 30.11.2023 : This approvals all pulic Signal cable protections all is completed after than

R. Madh



Part of O.P. Jindal Group



will be received PTCC and CEA/ Induced voltage calculation approvals for Sections 164, MNRE Narms.

Vide ref: 6

5. MOD (Army) - Directorate General of singles Letter: Already surveyed the Defence the Signals and reactivated from NOC. Vide Reference: 7
6. Southern Railway - Signal telecommunications Engg: W384/3/6/31(TN) Already surveyed the Defence the Signals and reactivated from NOC. Vide Reference: 7
7. CEA – Approval Received with 33kV Network for NHAI Crossing area. Enclosed the Profile drawing.

Additionally, we have already initiated the project commissioning process & in-line with that we have obtained the approvals vide reference 4,5,6,7 and 8 for our proposed EHT and 33kV line Work.

Only NOC from NHAI is pending. Once received, we would be able to obtain charging permissions for our Proposed EHT Line. I have enclosed the above-referenced letters for your kind perusal. In case of delay in scheduled commissioning Heavy penalties will be imposed by CTU (Central Transmission Utility) for late commissioning.

Considering the criticality & narrow timeline available would very humbly request you to advance our application & initiate any official payment requirement or Bank agreement for NOC application. So, I kindly urge you to collect official payment from JSW for the proposed crossing to expedite the approval process. Additionally, for your information, we have already paid to cross from Tuticorin to Madurai NHAI road.

Humble request, Please proceed the applications for approval. We request your kind selves to give us necessary approval to the cross over, as we would like to start work immediately on receiving NOC our good office.

So Would humbly request you to advance our application & initiate any official payment requirement or Bank agreement for NOC application. Also We are ready to provide undertaking if required for the above mentioned.

Thanking you

For **M/s. JSW Renew Energy LTD,**

Authorized Signatory

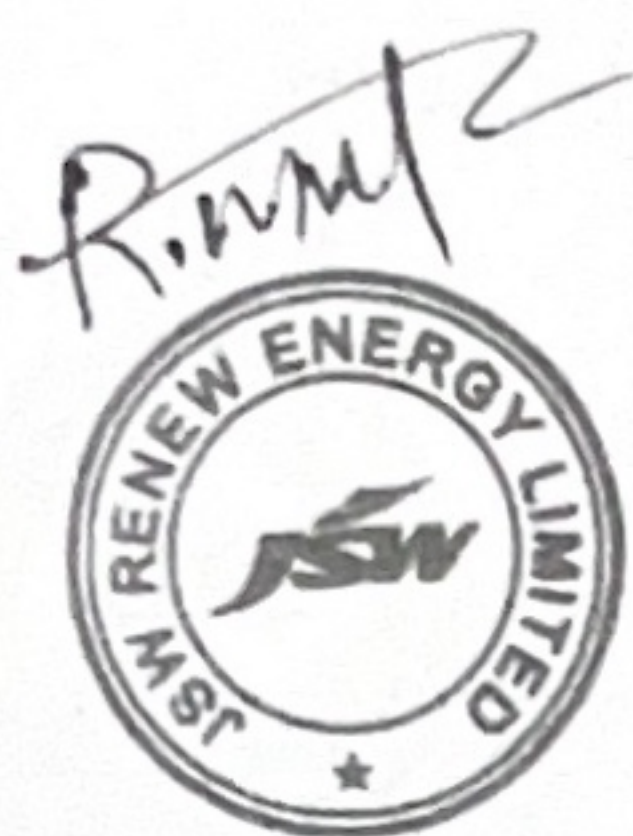
Encl: Required documents.

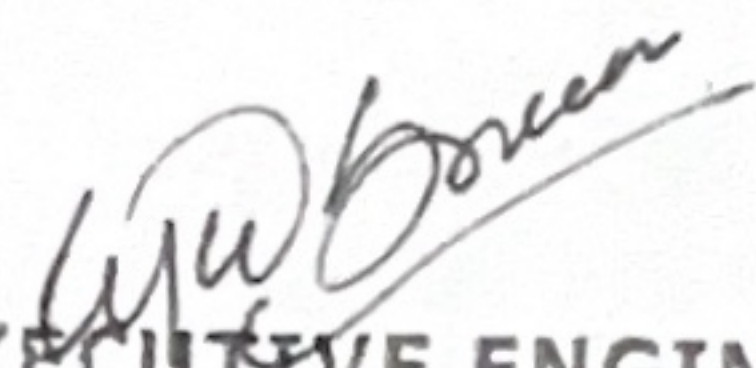


Part of O.P. Jindal Group

Undertaking/ Safety Certificate on guarding

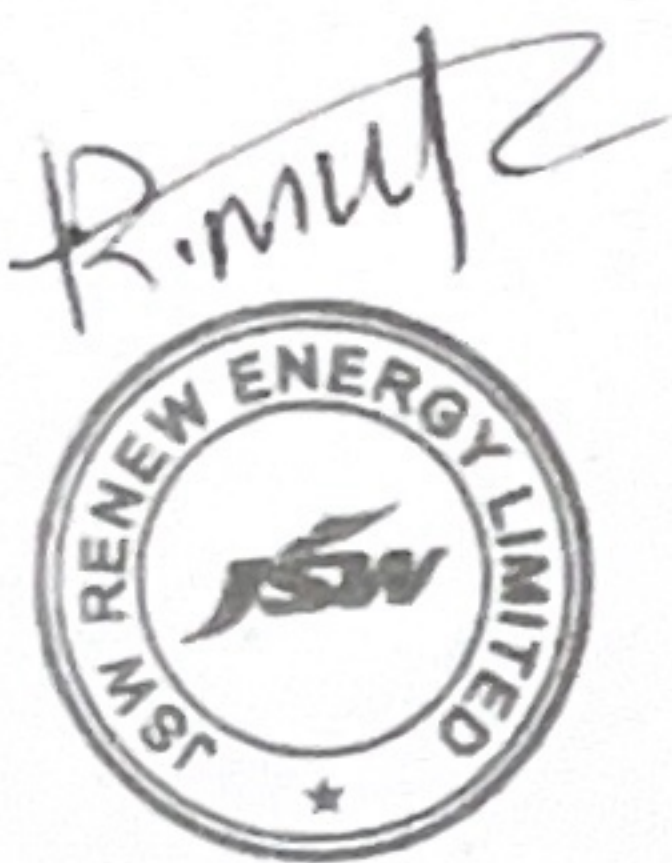
1. I/We undertake that the HT OH lines provided along the national highway are laid according to the relevant safety regulations and we shall provide suitable guarding in the section between KM 227+600 to Km 228+450 Madurai to Thoothukudi NH-45B (New NH-38) for preventing risk of live wires falling during strong coastal winds.

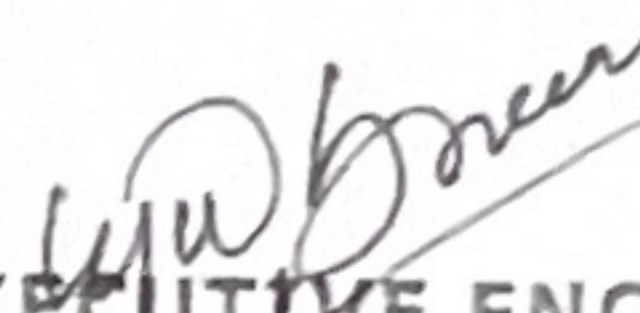



EXECUTIVE ENGINEER
WIND FARM PROJECT,
TNEB, TIRUNELVELI-11.

Undertaking/Safety Certificate on minimum horizontal clearance

1. I/We Undertake that the proposed OH lines will be provided ensuring minimum horizontal clearance with existing lines as per relevant regulations.




EXECUTIVE ENGINEER
WIND FARM PROJECT,
TNEB, TIRUNELVELI-11.

Bloom/SC/Madurai-Tuticorin/NH-38/NHAI/2024/063

Date: 29.08.2024

To

The Project Director,
 NATIONAL HIGHWAYS AUTHORITY OF INDIA,
 Project Implementation Unit,
 Thattaparai Vilakku, Pudukottai,
 Tuticorin (TN)-628103.

Sub: Consultancy Services for Supervision Consultants of Operation & Maintenance of from Km 0+000 to Km 47+250 on Tuticorin Tirunelveli section of NH-138(Old NH-7A) in the state of TamilNadu- **Additional service as SC for Madurai-Tuticorin section of NH-38 from Km 138+800 to Km 266+865 - Proposal for erection of 33kv electric line crossing from km 138.800 to km266.600 of NH-45B- by M/s. JSW Renew Energy Ltd - Proposal Submitted - Reg.**

Ref: i) M/s. JSW Renew Energy Limited Letter No. JSWREL/NHAI/TUT/PD/01 dated: 21.08.2024.

ii) PD/NHAI Letter No: 11015/38/NH-38/NOC/JSW/2024/673 dated: 27.08.2024


With reference to the above subject, we have carried out a site inspection along with Applicant representative on 28.08.2024 @ Km.228/000 on the above subject proposal and the following observation are brought to the kind perusals.

1. The Towers were already constructed at 65.0 m from RoW on LHS and at 50.0m from RoW at RHS. Other than that, No usage of NHAI ROW will be permitted for any propose.
2. The work shall be carried out as per the proposal submitted by the applicant.
3. The over head line shall be erected 21.625m from FRL. Left side tower offset from center line is 95.0 m & Right side tower offset from center line is 80.0m.
4. It shall be ensured by the applicant that the on-going road/structure works shall not get affected during the erection at the above said location.
5. While carrying out the works all the safety precautions like barricading, danger lighting and other necessary caution boards should be taken without affecting the live traffic and other existing & construction works.
6. The applicant shall inform NHAI/Supervision Consultant before starting and as well as at the time of work.
7. While carrying out the erection of over head electrical line, if any defects found in road portion, BG will en-cashed by NHAI as per applicant agreement.

Hence, in the view of above we are hereby recommending the submitted proposal after scrutinized and verified as per MoRTH guidelines at site for your further action.

This is for your kind information and necessary action.

With regards,

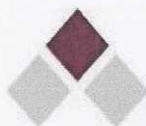

 (S.S.Selvaraj)



Highway Maintenance cum Resident Engineer.

CC: The Regional Manager, Bloom Companies LLC, Tamilnadu.

Corporate Office India: Bloom Companies LLC, 2nd Floor, Tower-A, Capital Business park, Above Croma, Sohna road, sector-48, Gurugram-122018 **Phone-**0124-4292105
Site Office: Plot no.33, VOC 3rd street(East), VOC Nagar, V.M.Chatram, Tirunelveli, Tamil Nadu,
Website: www.bloomcos.com **E-Mail:** tirunelvelioffice@bloom-india.com **CIN:** F04568



**BLOOM
COMPANIES, LLC**
Infrastructure Innovation and Ingenuity

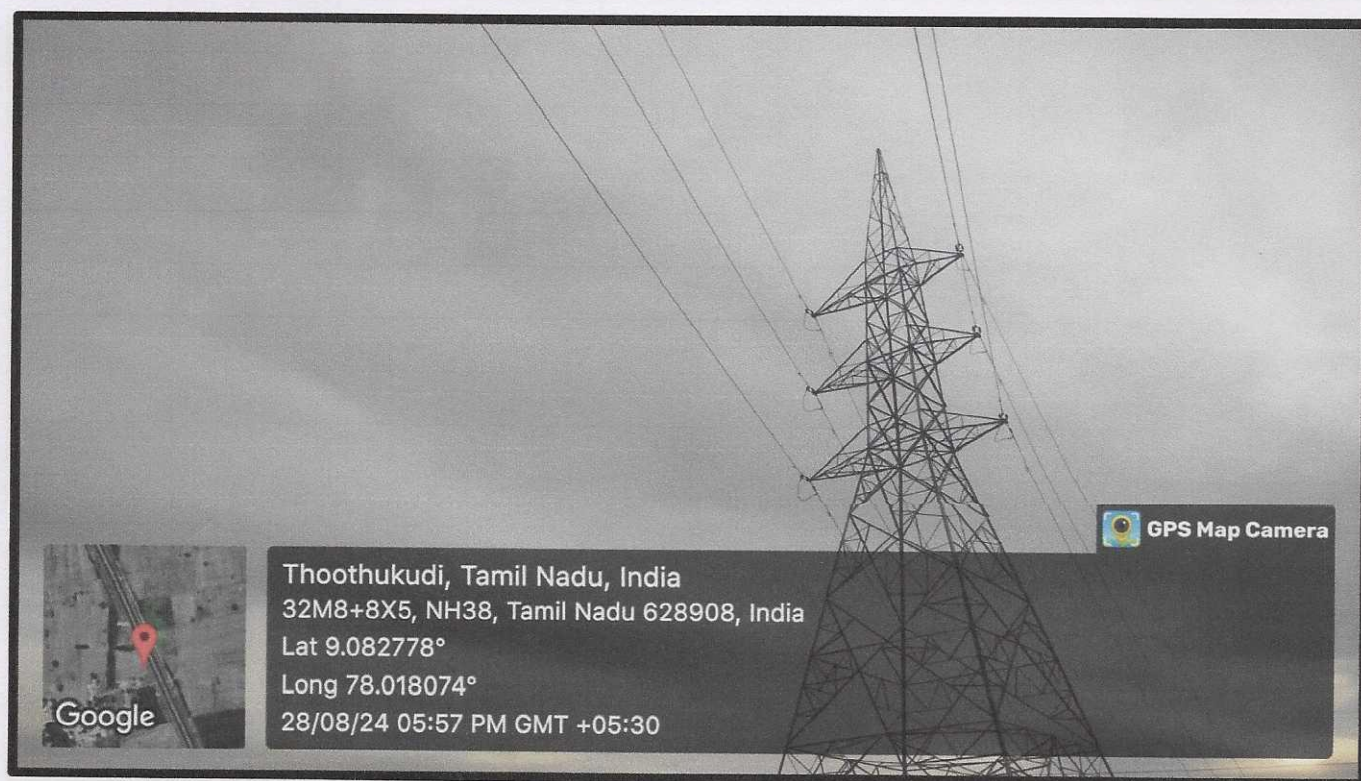
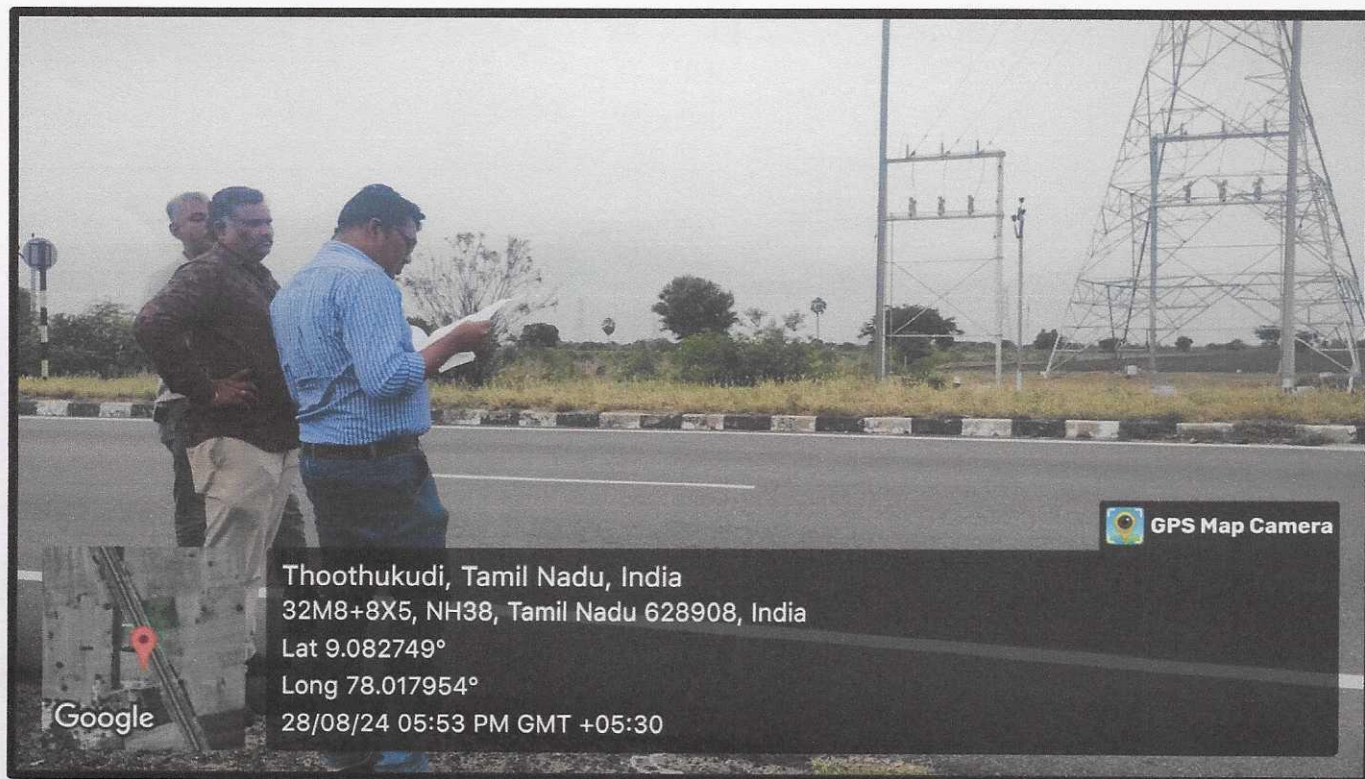
JV



InAssociationWith



SITE PHOTOGRAPHS



Corporate Office India: Bloom Companies LLC, 2nd Floor, Tower-A, Capital Business park, Above Croma, Sohna road, sector-48, Gurugram-122018 **Phone-**0124-4292105

Site Office: Plot no.33, VOC 3rd street(East), VOC Nagar, V.M.Chatram,Tirunelveli,Tamil Nadu,

Website: www.bloomcos.com **E-Mail:** tirunelvelioffice@bloom-india.com **CIN:** F04568



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार) National Highways Authority of India (Ministry of Road Transport & Highways, Government of India)

परियोजना कार्यान्वयन इकाई - तूतीकोरिन / Project Implementation Unit - Tuticorin
तूतीकोरिन-तिरुनेलवेली NH-138, थट्टपारई विलक्कु, पुडुकोट्टई पी.ओ., तूतीकोरिन - 628 103
Tuticorin-Tirunelveli NH-138, Thattaparai Vilakku, Pudukottai P.O., Tuticorin - 628 103
दूर/Tele: 0461 2340968 ई मेल/E mail: piututynhai@gmail.com, tuticorin@nhai.org वेब/Web: www.nhai.gov.in



11015/38/NH-38/NOC/JSW/2024/613

27.08.2024

सेवामें | To

The Team Leader,
M/s. Bloom Companies LLC,
Plot no.153, No 375, Teachers colony,
3rd Main Road, Ariyakulam,
Tirunelveli - 627011, Tamil Nadu.

विषय | SUB: भाराराप्रा- पकाई- तूतीकोरिन - Four laning of Madurai - Tuticorin Section of NH-38 & in the state of Tamil Nadu - Proposal for erection of 33 KV Electric line crossing from Km 138.800 to Km 266.600 of NH-45B by M/s. JSW RENEW ENERGY LIMITED - Proposal submitted- Reg.

प्रसंग | Ref: M/s. JSW renew energy limited Letter No.JSWREL/NHAI/TUT/PD/01 Dated 21.08.2024.

महोदय | Sir,

With reference to the above subject cited, it is to inform that the proposal was received from M/s.JSW Renew Energy Limited regarding permission for erection of over head electrical 33 KV Electric line crossing of Madurai - Tuticorin section of NH-38 from Km 138.800 to Km 266.600 in the limits of National Highways Authority of India.

In this regard, you are requested to inspect the site along with the representative and verify the proposal based on NHAI extant guidelines, this office letter no 11015/1/NHAI/PIU/TUTY/NH-138&38/2024/488 dated 02.07.2024 and propose the recommendations within the time limit.

Encl: as above.

भवदीय | With Regards,

परियोजना निदेशक | Project Director
पकाई- तूतीकोरिन | PIU - Tuticorin.

प्रतिलिपि | Copy:- M/s. JSW Renew Energy Limited, Tirunelveli - For information.



Renew Energy Limited

Regd. Office: JSW Centre

Bandra Kurla Complex

Bandra (East), Mumbai - 400051

CIN: U40106MH2020PLC338593

Phone: 022-4286 1000

Fax: 022-4286 3000

Website: www.jsw.in

NHAI PIU - TUTICORIN			
DY. NO. 3681	(
DATE: 22-08-24	PROJECT DIRECTOR		
MO/AMK:	SE/AKS:	SE/WRM:	SE/
LO-I/RS:	LO-I/NR:	ADD/D:	ADD/RES:
CO/VJ:	CO/SK:	ITE/GD:	YHE/JS:

Ref: JSWREL/ NHAI /TUT/ PD/01

Date: 21.08.2024

To,
The Project Director,
National Highways Authority of India (NHAI),
Project Implementation Unit, Tuticorin

Subject: Request for Permission for the Erection of 33KV Electric Line Crossing from Km.138+800 to Km.266+600 in Madurai to Tuticorin Section of NH-45B (New NH-38).

Respected Sir/Madam,

We, JSW Renew Energy Limited, have signed a Memorandum of Understanding (MoU) dated 25th September 2020 with the Government of Tamilnadu for the execution of an 810 MW wind project which is already awarded by Solar Energy Corporation of India (SECI). And already received for SECTION 68 transmission line approval from Central Electricity Authority (CEA)- Ministry of Power. As per our survey report, we have to transmit along the NH road as mentioned in the above subject.. As part of our ongoing project, we propose to erect a 33KV electric line crossing from 138+800 to Km.266+600 in Madurai to Tuticorin Section of NH-45B (New NH-38).

Project Details:

- Type of Work: Erection of 33KV Electric Line
- Number of Poles: 10 Nos RSJ Poles
- Location: 138+800 Km to 266+600 in Madurai to tuticorin Sections of NH -45B (New NH-38)
- Highway Section: Madurai to Tuticorin section of NH-45B (New NH-38)

We kindly request you to grant permission for the above-mentioned work. The necessary safety measures will be taken to ensure that the work does not hinder the traffic flow or cause any inconvenience to the public.

Enclosures:

1. Detailed Project Plan.
2. Route Map of the Proposed Electric Line.
3. MoRTH online application.
4. Check list.
5. Guideline values.
6. Undertakings.
7. Licensee deed.
8. Indemnity bond.

We assure you that the work will be completed within the stipulated time frame, and we will adhere to all the guidelines and regulations set forth by the National Highways Authority of India. We request your kind consideration of our application and look forward to your approval.

Thanking you,

For M/s. JSW Renew Energy Limited,

R. Muthu
(R. MUTHU GANESH)
Authorized Signatory
+91 9444178304





भारत सरकार
GOVERNMENT OF INDIA
विद्युत मंत्रालय
MINISTRY OF POWER
केन्द्रीय विद्युत प्राधिकरण
CENTRAL ELECTRICITY AUTHORITY
क्षेत्रीय निरीक्षक संगठन
REGIONAL INSPECTORIAL ORGANISATION



ब्लाक IV तीसरी मंजिल, Block IV Floor III, शास्त्री भवन Shastri Bhavan, चेन्नै-६ Chennai - 600 006

No. 55/01/10/2024-RIO(S)/784

Dated: 10.10.2024

To
Authorized Signatory,
M/s JSW Renew Energy Ltd.,
JSW Centre, Bandra Kurla Complex, Bandra East,
Mumbai -400051

Approval for Energisation

Subject: Approval for Energisation of Electrical installation (list is enclosed) of 2.7 MW WTGs – 15 Nos, 0.69/33 kV Transformers- 15 Nos , 33KV USS and associated 33kV Transmission network of M/s JSW Renew Energy Ltd., under Regulation 45 of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023.

Ref:

1. Online Application No: A/2024/14609 dated 28.09.2024
2. Our Inspection Report: 55/01/10/2024-RIO(S)/781 dated 09.10.2024
3. Your Compliance report received on 09.10.2024

Whereas the Electrical installation (list is enclosed) of 2.7 MW WTGs – 15 Nos, 0.69/33 kV Transformers- 15 Nos , 33KV USS and associated 33kV Transmission network of M/s JSW Renew Energy Ltd., was inspected by the undersigned on 06.10.2024 under regulation 45 of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023.

Approval for Energization of the said Electrical Installation is hereby accorded subject to following conditions by the applicant:

1. Applicant shall ensure to have all other requisite clearances/NOCs from other authorities, as applicable.
2. Adherence to relevant provisions of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023 shall be ensured by the applicant for safety during operation and maintenance.

The first periodic inspection of the above installation shall be carried out at an interval of 05 years from the date of this inspection under regulation 32 of CEA (Measures relating to safety and Electric Supply) Regulations, 2023. This periodicity is subject to change by Govt order/notification.

(U.M. Rao Bhogi)
**Superintending Engineer &
Electrical Inspector to the Govt. of India**


अधीक्षक अभियंता / Superintending Engineer
केन्द्रीय विद्युत प्राधिकरण Central Electrical Authority
क्षेत्रीय निरीक्षण संगठन
Regional Inspectorial Organisation
चेन्नै / Chennai - 600 006

JSW RENEW ENERGY LTD																
JSW CENTRE, BANDRA KURLA COMPLEX, BANDRA (EAST), MUMBAI-400051																
2700KW Wind Turbines Equipment Details																
S.No	Location No.	SCADA	Power transformer			33kV Isolators			LAE					HT Breaker		
			PTR S.No	Make	Specification	Isolator	Make	Specifications	R	Y	B	Make	Specifications	Kiosk Panel	Make	Specifications
148	TUT-298	TUT-135	2803	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	301	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	962	831	832	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220551	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
149	TUT-317	TUT-144	2810	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	280	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	1001	1002	1030	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220884	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
150	TUT-680	TUT-073	2764	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	305	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	825	826	951	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220681	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
151	TUT-933	TUT-011	2799	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	321	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	801	802	678	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220865	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
152	TUT-964	TUT-044	2813	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	292	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	836	1249	1250	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220895	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
153	TUT-1021	TUT-043	3218	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	273	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	1051	1093	1094	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220858	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
154	TUT-992	TUT-064	2802	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	271	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	775	776	764	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220906	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
155	TUT-239	TUT-130	2794	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	312	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	744	753	754	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220532	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
156	TUT-1050	TUT-129	2710	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	310	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	1021	1022	835	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220546	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
157	TUT-091	TUT-147	2795	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	334	Elektrolites(power) Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	777	778	1078	Oblum electrical industries pvt ltd	42 kv ,10 KA Class -2 polymer housed metal oxide surge arresters	57220536	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec

Chandra


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158	TUT-552	TUT-089	2817	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	338	Elektrolites(power)Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	1029	1175	1176	Oblum electrical industries pvt ltd	42 kV ,10 KA Class -2 polymer housed metal oxide surge arresters	57220523	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
160	TUT-994	TUT-172	2800	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	300	Elektrolites(power)Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	1080	975	976	Oblum electrical industries pvt ltd	42 kV ,10 KA Class -2 polymer housed metal oxide surge arresters	57220907	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
159	TUT-559	TUT-117	2815	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	290	Elektrolites(power)Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	945	679	680	Oblum electrical industries pvt ltd	42 kV ,10 KA Class -2 polymer housed metal oxide surge arresters	57220534	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
161	TUT-553-S	TUT-183	2755	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	284	Elektrolites(power)Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	1159	1160	1079	Oblum electrical industries pvt ltd	42 kV ,10 KA Class -2 polymer housed metal oxide surge arresters	57220510	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec
162	TUT-237-S	TUT-189	2756	Vidyut Transformers Pvt.Ltd	3MVA 0.69/33KV	282	Elektrolites(power)Pvt Ltd Jaipur	33kv,400 Amp double break triple pole	1077	785	786	Oblum electrical industries pvt ltd	42 kV ,10 KA Class -2 polymer housed metal oxide surge arresters	57220513	STELMEC LIMITED	42 KV,630 A,25KA for 3 sec


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2700KW Wind Turbines Equipment Details														
SL	WTG ID		DTA	Tower	MH	HUB	B1	B2	B3	SET	Generator	Make	Gear box	Make
148	TUT-298	TUT-135	HRX1309MMP	SES-040	100401-A	100371-A	1301	1303	1305	422	CF11C-2023280686	Nanjing	FDM2H-00R2-H17	Nanjing
149	TUT-317	TUT-144	HRX1300MMP	TF-118	95568-A	43835-A	2283	2287	2290	762	CF11C-2023035441	Nanjing	FDM2H-00R1-H854	Nanjing
150	TUT-680	TUT-073	HRV1223MMP	TF-114	95536-A	43833-A	2323	2326	2329	774	CF11C-2023132538	Nanjing	FDM2H-00R1-H975	Nanjing
151	TUT-933	TUT-011	HRV1321MMP	LES-078	95564-A	100412-A	718	719	720	240	CF11C-2023117523	Nanjing	FDM2H-00R1-H851	Nanjing
152	TUT-964	TUT-044	HRV1322MMP	TF-106	95501-A	95476-A	1141	1143	1145	380	CF11C-2022045276	Nanjing	FDM2H-00R1-H860	Nanjing
153	TUT-1021	TUT-043	HR51135MMP	GRI-091	95468-A	95553-A	2322	2312	2325	772	CF11C-2023107513	Nanjing	FDM2H-00R1-H933	Nanjing
154	TUT-992	TUT-064	HRU1177MMP	TF-117	95481-A	95561-A	984	996	1001	333	CF11C-2023047453	Nanjing	FDM2H-00R1-H926	Nanjing
155	TUT-239	TUT-130	HRX1303MMP	GRI-100	100381-A	100391-A	2319	2330	2331	775	CF11C-2023265671	Nanjing	FDM2H-00R2-H8	Nanjing
156	TUT-1050	TUT-129	HRX1306MMP	TF-81	100417-A	100384-A	1293	1296	1297	431	CF11C-2023293699	Nanjing	FDM2H-00R2-H57	Nanjing
157	TUT-91	TUT-147	HRX1279MMP	SES-045	100371-A	100393-A	1356	1361	1363	453	CF11C-2023242648	Nanjing	FDM2H-00R2-H35	Nanjing
158	TUT-552	TUT-089	HRV1327MMP	SES-044	100370-A	100376-A	2252	2259	2260	752	CF11C-2023248654	Nanjing	FDM2H-00R2-H40	Nanjing
159	TUT-994	TUT-172	HPW1213MMP	TF-094	100363-A	100372-A	1308	1313	1314	437	CF11C-2023238644	Nanjing	FDM2H-00R1-H1072	Nanjing
160	TUT-559	TUT-117	HRX1316MMP	SES-041	100384-A	100369-A	1279	1283	1285	427	CF11C-2023252658	Nanjing	FDM2H-00R2-H5	Nanjing
161	TUT-553-S	TUT-183	1440009	SES-003	S130I/N-0015	S130I/H-0015	6	8	12	3	EH0829A-001/ CM-0015	ZF Wind	7005445	Winergy
162	TUT-237-S	TUT-189	1440004	TF-005	S130I/N-0012	S130I/H-0012	14	18	19	5	EH0829A-001/ CM-0011	ZF Wind	7005444	Winergy


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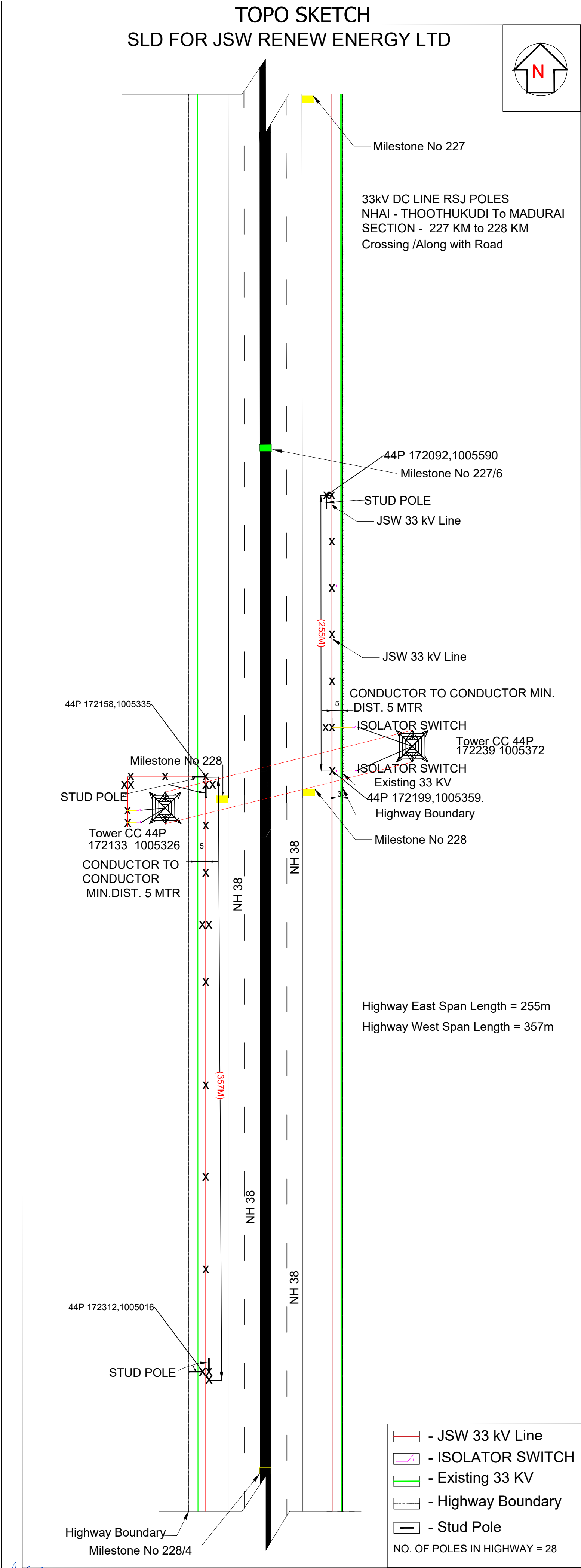
<div>  <div> JSW RENEW ENERGY LTD JSW CENTRE, BANDRA KURLA COMPLEX, BANDRA (EAST), MUMBAI-400051 33 kV Net work Details for JSW RENEW ENERGY LTD </div> </div>													
SECI - IX - 540MW				Substations : 330MW JSW 230/33kV Tutucorin 210MW JSW 230/33kV Tutucorin B					Substations: Proposed WTGs Load: 15 x 2.7 = 40.5 MW				
SL NO	WTG	SCADA NO	SF NO	Village	TALUK	District	Transformer Capacity	Connected FEEDER NO	Make	Wind Turbines Model	WTGs Rating(MW)	Hub height(M)	Rotor Diameter (M)
148	TUT-298	TUT-135	37 (T)	400(P),406/2(P)	Nalanthula	Thiruvengadam	Tenkasi	Feeder-2	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
149	TUT-317	TUT-144	WT (122)	1/2(P), 28/1(P)	Vadaku Vandanam	kayathar	Tuticorin	Feeder - 7	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
150	TUT-680	TUT-073	117(T-W)	379/54,379/5,6,377/2,380	Marthandampatti	Vilathikulam	Tuticorin	Feeder-2	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
151	TUT-933	TUT-011	(WHQ)13(T)	168/1(P)	Valampatti	Ettayapuram	Tuticorin	Feeder-4	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
152	TUT-964	TUT-044	196(T)	177/2A, 177/2B(P), 177/2C(P), 177/3A(P)	Manthikulam	Vilathikulam	Tuticorin	Feeder-2	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
153	TUT-1021	TUT-043	198(T)	159/3, 159/4, 152/14B, 152/14C	Manthikulam	Vilathikulam	Tuticorin	Feeder-2	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
154	TUT-992	TUT-064	19(T)	154/1,2,155/1A(P)	Melmandai	Vilathikulam	Tuticorin	Feeder-2	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
155	TUT-239	TUT-130	WT (120)	130/4(P)	Vellappaneri	Manur	Tirunelveli	Feeder-2	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
156	TUT-1050	TUT-129	W-73(T)	359/1B(P),359/2	Saravanapuram	Kayathar	Tuticorin	Feeder-4	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
157	TUT-91	TUT-147	WT (09)	5/1(P), 5/2A(P), 5/2B , 331/1(P)	Chidambarampatti & Saravanapuram	Kayathar	Tuticorin	Feeder-4	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132

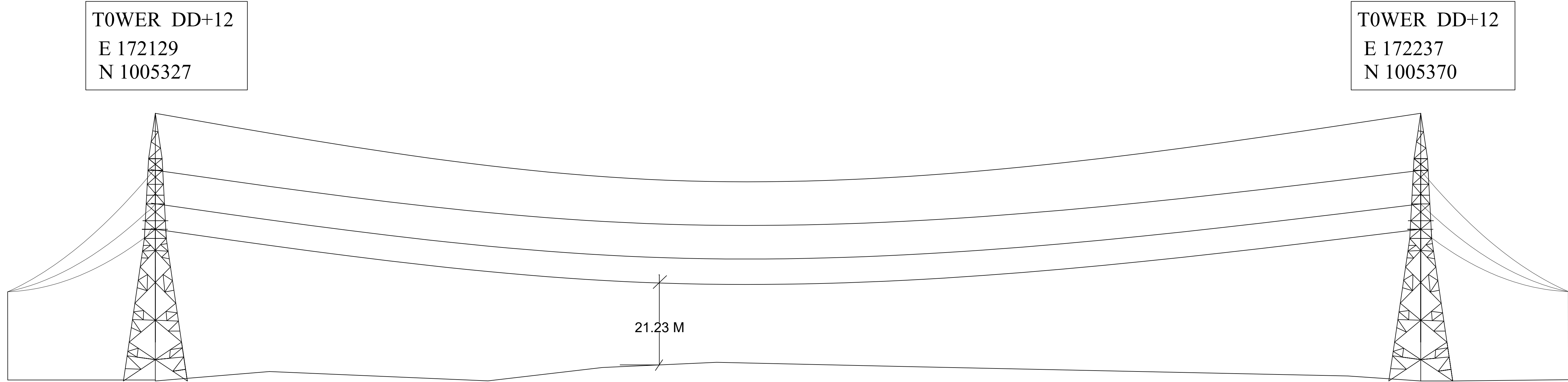


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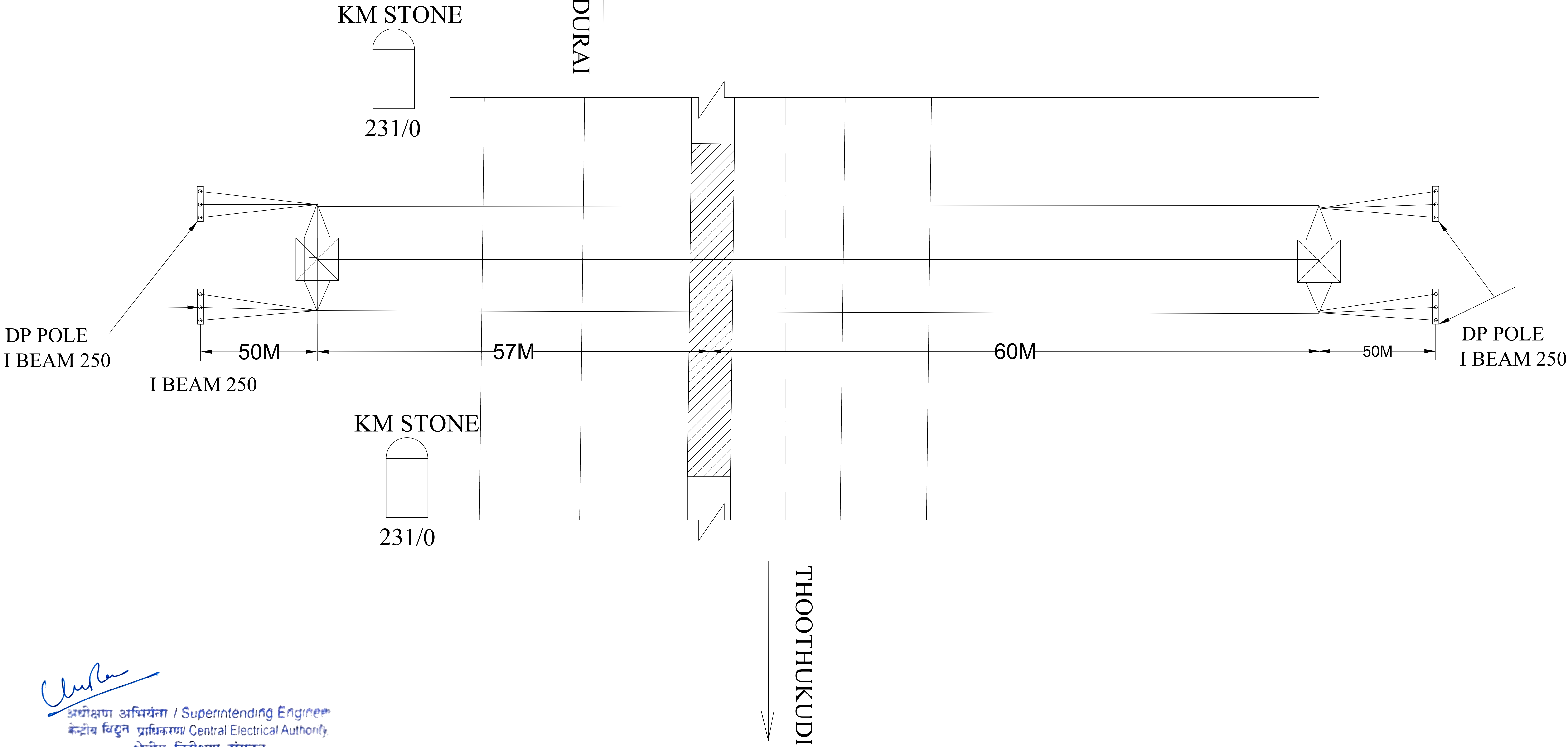
158	TUT-552	TUT-089	(WHQ)78(T)	108/1 (P), 108/2 (P), 109/1 (P)	Kattarankulam	Kayathar	Tuticorin	Feeder-4	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
159	TUT-994	TUT-172	08(T)	694/2,703/2B,703/1(P),703/2A(P),703/1(P),703/2A(P),695/1(P),694/1(P)	Nalanthula	Tiruvengadam	Tenkasi	Feeder-3	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
160	TUT-559	TUT-117	35(T)	306/1(P)	Saravanapuram	Kayathar	Tuticorin	Feeder-4	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
161	TUT-553-S	TUT-183	W(HQ)-118(T)	412/2, 412/3G, 414/2(P), 413/1A(P).	Vellappaneri	Manur	Tirunelveli	Feeder - 1	GE India industrial pvt. Ltd	GE 2.7 - 132	2.7	130	132
162	TUT-237-S	TUT-189	WT (115)	478/1(P), 478/2(P), 478/3(P)	Kalapalankulam	Thiruvengadam	Tenkasi	Feeder - 2	M/s. Senvion Wind Technology Private Limited	Senvion 2.3M130/2.7MW	2.7	140	130

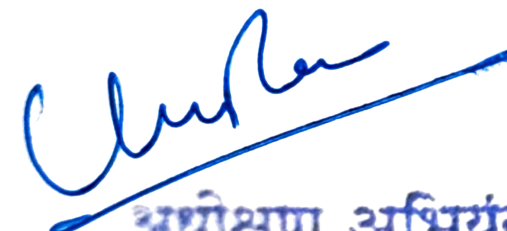

சுப்பிரதீப அபிவிருத்தி / Superintending Engineer
கேரளா மின்சாரப் போர்ட் Central Electrical Authority
क्षेत्रीय निरीक्षण संगठन
Regional Inspectorial Organisation
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Ground Level	98.553	98.718	98.718	98.718	98.718	99.608	99.608	99.608	98.761	98.761	98.761	98.761	98.761	98.598
Chainage (M)	0.000	20.000	40.000	60.000	80.000	100.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000




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Regional Inspectorial Organisation
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NH CROSSING PROPOSAL		
CROSSING DETAILS		
DESCRIPTION		DETAILS
1. HEIGHT OF LOWEST CONDUCTOR FROM TOP OF NATIONAL HIGHWAY AT 85 C NO WIND		21.23 M
2. NAME OF NATIONAL HIGH WAY Section NH		NH-38 (THOOTHUKUDI - MADURAI) 45B
3. CROSSING ANGLE BETWEEN NATIONAL HIGHWAY PROPOSED 230 KV TRANSMISSION LINE		78 Degree
4.SPAN OF CROSSING SECTION		115.0 M
5.STRUCTURE USED TO CROSS THE NH ROAD		DD+12 DD+12
6.ADJACENT SPANS OF CROSSING LOCATION		33 TO 34
7.DISTANCE FROM TOWER DD+12 TO ROAD EDGE		46.00 M
8.DISTANCE FROM TOWER DD+12 TO ROAD EDGE		48.00 M
9.FEEDER		3 & 4

અધીક્ષણ અધિયંત્રા / Superintending Engineer

159	TUT-994	TUT-172			330 Mva	F#3	PSS A - Savalaperi	6.6		5.4		4.4	Internal	16.4	
160	TUT-559	TUT-117			330 Mva	F#4	PSS A - Savalaperi	6.6		3.9		1	External	11.5	
161	TUT-553-S	TUT-183			330 Mva	F#1	PSS A - Savalaperi	1.3		8		6	External	15.3	
162	TUT-237-S	TUT-189			330 Mva	F#2	PSS A - Savalaperi	1.3		6		13	Internal	20.3	
143	TUT-928	TUT-045	Vilathikulam	Tuticorin	210 Mva	F#2	PSS B	16.7		2.5	0	1	TUT 1021	20.2	
144	TUT-1033	TUT-161			330 Mva	F#5	PSS A - Savalaperi					6.5	Internal	6.5	



अधीक्षण अभियंता / Superintending Engineer
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தமிழ்நாடு தமிழ்நாடு TAMILNADU

JSW Renew Energy Ltd. Rs. 100/-
Mumbai 15 JUN 2024

EB 175855

M. VELMURUGAN
STAMP VENDOR L.No.2/2003
2, Thirupugal Street,
PALAYAMKOTTAI,
TAMIL NADU.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, I, **Anoop Vaish and Balasubramanian Raman**, being authorized by **JSW Renew Energy Ltd.** ("the Company") having its Registered Office at JSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai-400 051, Maharashtra, India by the authority given by the Board of Directors of the Company vide resolution dated 28th February 2023, do hereby appoint, **Mr. R.Muthu Ganesh- Manager** employee of the Company to be the true and lawful attorney to execute any applications and submitting any documents/responses and agreement signing to any central or state government authority including railway authorities for obtaining crossing approval related to the supply, Civil works, erection, testing and commissioning of 540 MW wind power project at Savalaperi & Arungulam Villages, Thoothukudi District in the state of Tamil Nadu ("Project") respectively.

RESOLVED FURTHER THAT this Power of Attorney shall remain valid, effective and exercisable till 30th June 2025 or unless revoked earlier by the Company.

The company hereby confirm and agree to ratify and confirm whatsoever the Attorney shall do or purport to do by virtue of this Power of Attorney.

E. RAJIV GANDHI B.A., B.L. 01/07/24
ADVOCATE/NOTARY
Enroll. No. Ms. 2156/2009
4/1, Asirvatham Nagar, Maharajanagar
Tirunelveli-627 011, Tamilnadu
Mobile: 9944778947



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IN WITNESS WHEREOF, I, **Anoop Vaish and Balasubramanian Raman** has caused this Power of Attorney to be executed on the 1st day of July 2024.

<p>For JSW Renew Energy Ltd</p> <p> Mr. Anoop Vaish (Director) DIN:08701639</p> <p></p> <p> Mr. Balasubramanian Raman (Director) DIN:07096173</p> <p>(Authorised under authority of Resolution passed by the Board of Directors on 08th June 2021)</p> <p></p>	<p> Specimen Signature of Mr. R.Muthu Ganesh(Emp No:3097163) (Manager)</p> <p></p> <p>//Attested//</p> <p> Mr. Anoop Vaish (Director) DIN: 08701639</p> <p></p>
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Witness:

1. Name: Siddharth Kumar (Emp No: 3097204)


 (Signature of Witness)


Address: JSW Renew Energy Ltd, JSW center, Bandra Kurla Complex
 Bandra East Mumbai – 400051.

2. Name: Shanmuga Prakash T (Emp No:3097229)


 (Signature of Witness)

Address: JSW Renew Energy Ltd, JSW center, Bandra Kurla Complex
 Bandra East Mumbai – 400051.




E. RAJIV GANDHI B.A., B.L.,
 ADVOCATE/NOTARY
 Enroll. No. Ms. 2156/2009
 4/1, Asirvatham Nagar, Maharajanagar
 Tirunelveli-627 011, Tamilnadu
 Mobile: 9944778947


Renew Energy Limited
Regd. Office: JSW Centre,

Bandra Kurla Complex,

Bandra (East), Mumbai - 400 051,

CIN: U40106MH2020PLC338593

Phone: 022-4286 1000

Fax: 022-4286 3000

List of Directors of JSW Renew Energy Limited as on 8th June, 2021

Sr. No	Name of the Director	Designation	DIN
1.	Mr. Aditya Agarwal	Director	07298742
2.	Mr. Balasubramanian Raman	Whole time Director	07096173
3.	Ms. Monica Chopra	Director	05341124
4.	Mr. Chittur Ramakrishnan Lakshman	Director	08704945
5.	Mr. Anoop Vaish	Director	08701639

For JSW Renew Energy Limited

Monica Chopra
Director
DIN: 05341124

