



NHAI/15018/3.6/02/2025/RO Madurai/E:287719/1230

18<sup>th</sup> July, 2025

### INVITATION OF PUBLIC COMMENTS

**विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, त्रिची - Ulundurpet - Padalur section of NH 45 (New NH 38) - Erection of 33 KV Electrical Cable Line with Baby Tower and crossing at Km 253/940 - Invitation of Public Comments - Reg.**

**प्रसंग:** PD, Trichy Lr. No. NHAI/PD/TRY/NH 38/Utility/TNEB/UP/2025/1360 dated 10.07.2025.

The Proposal is regarding permission for 33 KV Electrical Cable Line with Baby Tower and crossing at Km 253/940 in the State of Tamil Nadu by M/s. Mangal & Mangal, Trichy has been submitted to this office by the PD, Trichy Lr. No. NHAI/PD/TRY/NH 38/Utility/TNEB/UP/2025/1360 dated 10.07.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2) The alignment proposed by M/s. Mangal & Mangal, Trichy for erection of 33KV Electrical Cable Line with Baby Tower and crossing at Km 253/940 in Ulundurpet - Padalur section of NH 45 (New NH 38) in Ulundurpet - Padalur section of NH 45 (New NH 38) is as detailed under:

Stretch in Km	Length (m)	Available ROW (m)	Distance of erection from C/L (m)		Remarks
			LHS	RHS	
<b>Across NH-38:</b> Km 253/940	57	57	-	-	Over Head Line with minimum vertical clearance of 18.25 m using Baby tower.

3) The Right of Way is 57 m in the aforesaid stretch. M/s. Mangal & Mangal, Trichy has proposed for erection of 33KV Electrical Cable Line with Baby Tower and crossing at Km 253/940 in Ulundurpet - Padalur section of NH 45 (New NH 38) in Ulundurpet - Padalur section of NH 45 (New NH 38) in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) M/s. Mangal & Mangal, Trichy 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

*[Signature]*

## National Highways Authority of India

or concerned agency. Further, mentioned that M/s. Mangal & Mangal, Trichy will shift the Over Head line EB lines/Tower 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

(आर. मुरुगप्रकाश | R .Murugaprakash)

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, Trichy - for information.

## List of Correspondences

Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1325577/2025/PIU -TRICHY	NHAI – PIU, TRICHY – Ulundurpet – Padalur section of NH 45 (New NH 38) – Erection of 33 KV Electrical Cable Line with Baby Tower and crossing at Km.253.940 crossing Length 68.06m & Total no of Baby Towers 2 No's, Total Length of 68.06 meters - MoRTH Application No.20250409/2/15/37719/16056 dt.17.05.2025 – In principle approval Requested – Reg.	Receipt		11/07/2025 02:19 pm		1-87	9



**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 - तिरुच्ची / Project Implementation Unit - Trichy  
नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001  
दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/NH 38/Utility/TNEB/UP/2025/1360

July 10, 2025

To

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

Sub: NHAI - PIU, TRICHY - Ulundurpet - Padalur section of NH 45 (New NH 38) - Erection of 33 KV Electrical Cable Line with Baby Tower and crossing at Km.253.940 crossing Length 68.06m & Total no of Baby Towers 2 No's, Total Length of 68.06 meters - MoRTH Application No.20250409/2/15/37719/16056 dt.17.05.2025 - In principle approval Requested - Reg.

Ref: 1. Authorised Signatory, M/s. Mangal & Mangal, Tiruchirapalli, Lr No Nil Dt.09.04.2025  
2. TO.Lr.No. NHAI/PD/TRY/TNEB/NH 38/U-P/2025/769 Dt.11.04.2025  
3. TL, FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/51 Dt.22.04.2025  
4. TO.Lr.No. NHAI/PD/TRY/TNEB/NH38/U-P/2025/852 dt.26.04.2025  
5. M/s. Mangal & Mangal, Lr No Nil Dt.19.05.2025  
6. TO.Lr.No. NHAI/PD/TRY/TNEB/NH38/U-P/2025/991 dt.19.05.2025  
7. TL, FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/163 Dt.27.06.2025

Sir,

Authorised Signatory, M/s. Mangal & Mangal, Tiruchirapalli has applied for Erection of 33 KV Electrical Cable Line with Baby Tower and crossing at Km.253.940 crossing Length 68.06m & Total no of Baby Towers 2 No's, Total Length of 68.06 meters of Ulundurpet - Padalur section of NH 38.

2. The proposal was communicated to Consultants vide letter cited under reference 2<sup>nd</sup> above for examination at site and submission of report. Resident Engineer vide letter cited under reference 3<sup>rd</sup> above submitted observations on the proposal and the same were communicated to M/s. Mangal & Mangal, Tiruchirapalli vide letter cited under reference 4<sup>th</sup> above for compliance.

3. The revised drawings received from M/s. Mangal & Mangal, Tiruchirapalli vide letter cited under reference 5<sup>th</sup> above was forwarded to Resident Engineer vide letter cited under reference 6<sup>th</sup> above for verification at site with reference to revised reply and submission of report.

4. Resident Engineer M/s. Feedback, vide letter cited under reference 7<sup>th</sup> above, submitted the following and recommended for according In-principle approval:


B  
10/07

\\Pd\d\PIU Tri Doc\2025 Documents\Utility shifting\TNEB\U-P\Ms. Mangal & Ms. Mangal  
@Km.251.090.docx 2

Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi - 110 075. Tel : 011-2507 4100 / 2507 4200 Website : www.nhai.gov.in





Sl:No	Applicant Proposal Description	IE Comments	Remarks	As per authority ref letter (4) applicant resubmitted the proposal - IE Comments
1	The specified chainage is KM 251+090, located near Eraiyur village.	The proposal for crossing of a 33KV electrical overhead line and the installation of a baby tower, which is actually planned at KM 253+940, near Mangalamedu village.	To change the exact Chainage and Village name.	Corrections rectified.
2	Erection of 33KV <u>electrical cable line</u> with baby tower.	Erection of 33 KV <u>electrical overhead line</u> with baby tower.	To change the subject electrical overhead line instead of electrical cable line.	Corrections rectified.
3	Details regarding the foundation of the baby tower and the spacing between the conductors have not been provided.	It is necessary to submit the foundation details & specifications for the baby tower and the spacing of the 33KV conductors, including detailed drawings.	To submit the detailed drawings.	Detailed drawings enclosed in the proposal.
4	The calculated license fee for crossing across the NH, width size mentioned is 0.1 meters, is inaccurate.	To measure the actual width of the overhead conductors across the NH and calculate the license fee.	To submit the exact calculated license fee details.	Corrections rectified.
5	The mentioned Ministry circular, RW/NH-22044/29/2015-S&R (R) dated 22.11.2016, is incorrect.	The Ministry circular Number is RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.	Update the relevant Ministry circular number.	Corrections rectified.
6	Checklist Sl:No 7.2 Certificate from DE in the following format (i) "it is certified that any other location of the Electric cable would be extremely difficult and unreasonable costly and the installation of Electric cable within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.".	The checklist Sl:No 7.2 Certificate from DE approval is required.	Submit the certificate approved by the DE.  	Enclosed.



	<p>(ii)For 4-lanning</p> <p>(a)Where feasibility is available "I do certify that there will be no hindrance to proposed four-lanning based on the feasibility report considering proposed structures at the said location".</p> <p>(b)In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating</p>			
7	As per TNGECL attached letter Para (2) Safety Certificate from the CEIG/Chennai shall be obtained by the generator before synchronizing the unit.	The IE has directed the Applicant to acquire the Safety certificate from CEIG/Chennai and to submit a copy of the certificate to SE/EDC.	Provide the safety certificate in accordance with paragraph (2) of the TNGECL letter.	The Safety certificate from TNEB Perambalur DE certified copy is enclosed. After finishing the installation of the solar power plant work, the applicant is required to submit the safety certificate from CEIG/Chennai
8	As per TNGECL attached letter Para (4) If any overloading observed in 110 KV, 230 KV feeders and 110/33KV Power Transformers at 110/33-22-11 KV Mangalamedu SS, your proposed 5 MW SPP shall be back down from the Grid and you should produce an undertaking to SE/Perambalur EDC in a Five Hundred Rupees stamp paper to the effect that to back down the 5 MW SPP as per requirement of SLDC whenever required and further that you should not claim any compensation for the deemed generation.	The IE has instructed the Applicant to submit an undertaking to the SE/Perambalur EDC.	Submit the undertaking as outlined in paragraph (4) of the TNGECL letter.	The Undertaking has been submitted and a copy is enclosed.
9	As per TNGECL attached letter Para (21) You are requested to execute an undertaking to the effect that you should not claim any compensation or	The IE has instructed the Applicant to submit an undertaking to the SE/Perambalur EDC.	Submit the undertaking as mentioned in paragraph (21) of the TNGECL	The Undertaking has been submitted and a copy is



	responsibility for any unforeseen outage or scheduled maintenance outage of the 33kv line and the associated equipment's at 110/33-22-11 KV Mangalamedu SS.		letter.	enclosed.
10	As per TNGECL attached letter Para (30) if the solar power plant is commissioned beyond the control period of the Order No.9 of 2020 dated 16.10.2020, the terms of the subsequent relevant order of TNERC will be applicable for your plant. In this regard, you are requested to execute an undertaking with SE/Perambalur EDC in a Five hundred rupees non-judicial stamp paper duly attested by the Notary Public.	The IE has instructed the Applicant to submit an undertaking to the SE/Perambalur EDC.	Submit the undertaking as mentioned in paragraph (30) of the TNGECL letter.	The Undertaking has been submitted and a copy is enclosed.

5. In light of Team Leader report, the proposal has been examined as per Ministry's Circular. F. No. RW/NH-33044/29/2015 S&R (R) dt.22.11.2016 and in view of recommendation the following observations are made by this PIU.

- i. The work shall be carried out as per the proposal submitted by the Applicant.
- ii. The vertical clearance of the 33KV OH line should comply as per CEA norms of the Finished Ground Level (FGL) - As per CEA guideline, the vertical clearance is 11.60 mtr and available clearance mentioned in the Proposal is 16.5 mtr, the same should be maintained as the safest point.
- iii. It shall be ensured by the Applicant that the ongoing road/structures shall not get affected during the Erection at the above said locations.
- iv. The excavated Tower/Pole pit should be properly back filled as per NHAI standards and restore the land in same condition as it exist earlier.
- v. While carrying out the works all the safety standards and precautions like barricading, danger lighting and other necessary caution boards should be taken without affecting the live traffic and other existing construction works.
- vi. The Licensee shall be responsible for shifting of the Electrical line as and when required by the NHAI at their own cost (LICENSEE COST) within the time frame prescribed.
- vii. The Applicant shall inform NHAI/Independent Engineer before starting as well as at the time of work.
- viii. The Licensee shall identify the concerned agency in-coordination with authority against all damages and claims, if any due to the digging of Pits for fixing of Tower/Poles.
- ix. While carrying out the erection of overhead line, if any defects found in the road portion, Licensee failing to discharge the obligation of making of Good of the excavated Pits/other restoration works, Authority shall have a right to make good the damage caused by excavation at the cost of Licensee and recover the amount by forfeiture of BG as per applicant agreement point no: 23, 25 & 26.

6. Performance BG towards restoration charges for Rs. 1,00,000/- as per Ministry circular shall be furnished by the applicant and the applicant shall pay Rs.56,371/- towards license fee for 5 Years in line with the MoRTH policy guidelines dt 22.11.2016 & 17.04.2023.



License fees for Public utility									
Utilized NH Land Area X Prevailing Circle Rate of Land Per Unit Area X 1.5% per annum.									
S.no	Village	Chainage		Side	Length	Width of Single circuit HT line (in meter)	Utilized NH land area (sq.m)	Prevailing circle rate of land per unit area (Sq.m) (Rs.)	License fee per annum(public utility (Rs.))
		From	to						
1	Thevaiyur (North)	253.940	-	Across	60	1.20	72	905	6516

Minimum License Fee Per annum = Rs. 10,000/-

License Fee for 1 <sup>st</sup> year	Rs. 10,000
License Fee for 2 <sup>nd</sup> year	Rs. 10,600
License Fee for 3 <sup>rd</sup> year	Rs.11,236
License Fee for 4 <sup>th</sup> year	Rs. 11,910
License Fee for 5 <sup>th</sup> year	Rs. 12,625
Total License Fee for 5 Years	Rs.56,371

In view of above, the proposal submitted by Authorised Signatory, M/s. Mangal & Mangal, Tiruchirapalli vide letter dt 19.05.2025 seeking permission for crossing and erection of 33 KV overhead line crossing at Km 253/940 in Ulundurpet - Padalur section of NH 38, may be considered for according in principle approval.

Encl: Proposal Full set

Yours faithfully,

*A.N. Praveen Kumar* 10/07

(A.N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

- Team Leader, M/s Feedback Infra Pvt Ltd, Trichy for information.
- M/s TTPL, Perambalur for information.
- Authorised Signatory, M/s. Mangal & Mangal, Tiruchirapalli for information.

**CERTIFICATE**

Certified that, the proposed erection of tower for 33kV Overhead line crossing is confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dt.22.11.2016

Certified that, any other location of the OHT line would be extremely difficult and unreasonable costly and the installation of OHT lines with towers within ROW will not adversely affect the design, stability & traffic safety of the Highway nor the likely future improvement such as widening of the carriageway, easing of curve etc., There is no proposal pending for 6 laning.

A.N. Praveen Kumar  
10/07/25

(A.N. Praveen Kumar)  
DGM (T) & Project Director





**CERTIFICATE**

Certified that, necessary entries have been made in the Register of permission for crossing and erection of 33 KV overhead EB line crossing at Km 253/940 at Page no.31.

*A.N. Praveen Kumar*

(A.N. Praveen Kumar)  
DGM (T) & Project Director



Resize Text - + Reset

Screen Reader



பதிவுத்துறை  
REGISTRATION DEPARTMENT

MUTHAMBIKA THEVARAJAL ANAZHHA PERUVIENNA  
TAMIL NADU



For Complaints and  
Clarifications, please  
contact:

9498452110 /

9498452120 /

9498452130

(Monday to Friday 10 AM  
to 5.45 PM, excluding  
Government holidays)

For queries related to  
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1800 102 5174

(Monday to Friday 8 AM to  
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PM excluding Government  
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## GUIDELINE VALUE & PROPERTY VALUATION

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

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

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

View Guideline value for:

☐ Street ☒ Survey Number ☐  
Composite Value

Select Criteria :

☒ Category Wise ☐ Survey Number  
Wise

Zone:\*

Trichy

Sub Registrar Office:\*

Valighandapuram

Registration Village:\*

Thevaiyur (North)

Land Category\*

Residential Class I Type - III

Search

Reset

## Search Criteria :

Zone:	TRICHY	Sub	VALIGHANDAPURAM
Guideline	THEVAIYUR	Registrar	
Village:	(NORTH)	Office:	
Revenue	PERAMBALUR	Revenue	THEVAIYUR(N)
District:		Village:	
		Revenue	VEPPANTHATTAI
		Taluka:	

Below Search results are as on 07-Jan-2025 12:14 PM

15 items found, displaying 1 to 10.

[First/Prev] 1, 2 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<a href="#">125/16</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
2	<a href="#">125/18A1</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
3	<a href="#">125/18A2</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
4	<a href="#">125/18B</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
5	<a href="#">130/2A1A</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
6	<a href="#">130/2A1A1</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	02-Dec-2024	-
7	<a href="#">130/2A1A2</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	02-Dec-2024	-
8	<a href="#">130/2A1B1A</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
9	<a href="#">130/2A1B2</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	01-Jul-2024	-
10	<a href="#">130/2AB2</a>	84/ Square Feet	905/ Square Metre	Residential Class I Type - III	01-Jul-2024	-

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

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

To,

The Secretary

Central Electricity Authority

Sewa Bhawan, R.K. Puram

New Delhi-110066

**Schedule VIII A**

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

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

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

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

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

GSTIN: 33AAIFM3378B1Z1

**MANGAL & MANGAL**

MANUFACTURER & DEALER IN EXPORT QUALITY DIAMOND, GOLD, SILVER  
ARTICLES, DOMESTIC METAL WARES, FURNITURES AND HOME APPLIANCES

Vessels : 2702755  
: 2707975  
Electronics : 2703056  
Jewellery : 2702324  
: 2708792  
Furniture : 2708755

E-mail: mangalgold@yahoo.com  
25 N.S.B Road,  
TIRUCHIRAPALLI - 620 002.

Date: 19.05.2025

**To**

The Project Director,  
NHAI - PIU,  
Trichy.

**Sub:** Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.252/930 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters in the state of Tamil Nadu, National Highways – Proposal Resubmitted – Approval Requested– Reg.

- Ref: 1. Authorized Signatory, M/s. Mangal & Mangal, Tiruchirapalli, Lr No Nil dt.09.04.2025  
2. Your office Lr. No. NHAI/PD/TRY/TNEB/NH 38/U-P/2025/769 Dt.11.04.2025  
3. TL, M/s. Feedback, Lr No. FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/51 Dt.22.04.2025.  
4. Your office Lr. No NHAI/PD/TRY/TNEB/NH38/U-P/2025/852 dt: 26.04.2025

**Sir,**

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

Considering the above points, it is kindly requested to issue access permission for the above subject. We shall be grateful if you could arrange to inspect and recommend our proposal for issue of permission to Erection of 33 KV Electrical Overhead Line with Baby Tower.

We ensure you that, to follow all the rules & regulation & safety precaution at the period of Erection of 33 KV Electrical Overhead Line with Baby Tower.

Thanking you Sir, Yours

faithfully,

**For M/s. MANGAL & MANGAL**

(Authorized Signatory)



NHAI - PIU TRICHY	
9 MAY 2025	
Dy.No:	1862
M(T)	
LAO	
SE-1	
SE-2	
SE-3	
Accounts	
YHE	
CO	

Branch No 6 Omalur Main Road, SALEM - 636 009. ☎ 0427 - 2702324, 2702755



**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 - तिरुच्ची / Project Implementation Unit - Trichy  
नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001  
दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/NH 38/U-P/TNEB/2025/769

April 11, 2025

To

Team Leader,  
M/s. Feedback Infra Pvt Ltd,  
Plot No. 14, First Floor,  
Gokulam Colony,  
BikshandarKoil, Trichy 621216

Sub: NHAI - PIU, TRICHY -Ulundurpet- Padalursection of NH 45 (New NH 38) - Erection of 33 KV Electrical Cable Line with Baby Tower and crossing at Km.251/090 crossing Length 68.06m & Total no of Baby Towers 2 No's, Total Length of 68.06 meters - Approval requested-Report sought for - Reg.

Ref: Authorised Signatory, M/s. Mangal & Mangal, Tiruchirapalli, Lr No Nil Dt.09.04.2025

Sir,

Please find herewith enclosed the proposal received from Authorised Signatory, M/s. Mangal & Mangal, Tiruchirapalli seeking Permission to Erect 33 KV Electrical Cable Line with Baby Tower and crossing at Km.251/090 crossing Length 68.06m & Total no of Baby Towers 2 No's, Total Length of 68.06 meters in Ulundurpet - Padalur section of NH 38, for inspection of site and submission of report keeping in view of the availability of land and subsisting encumbrances if any at site, in terms of MoRT&H guidelines early to this office.

2. If the proposal is found to be satisfactory, then submit the report duly sign & seal on the checklist and drawings along with your specific recommendations to this office at the earliest for taking further necessary action.

Yours faithfully,

Encl: Proposal - 4 No's

*A.N. Praveen Kumar* 11/04/25

(A.N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

- The Project Manager, M/s. TTPL, for information and report.
- Authorised Signatory, M/s. Mangal & Mangal, 25 N.S.B Road, Tiruchirapalli - 620002.



FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/51

 www.feedbackinfra.com  
 Date: 22-04-2025

 To,  
 The Project Director,  
 PIU Trichy, National Highways Authority of India,  
 No.44, First Floor, 3<sup>rd</sup> Main Road,  
 Jaya Nagar Extension, Ponnagar, Karumandapam,  
 Tiruchirappalli, Tamil Nadu - 620 001

**Sub:** Independent Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway of Ulundurpet - Padalur section of NH-38 from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis-**Seeking permission for a proposal for the crossing of a 33KV electrical overhead line and the erection of a baby tower at KM 252+930 of Ulundurpet - Padalur Section of NH-38 in the state of Tamilnadu - IE's Comment - Reg.**

**Ref:**  
 1, NHAI/PD/TRY/NH 38/U-P/TNEB/2025/769 dated 11.04.2025.

Sir,  
 With reference to the above subject, the Independent Engineer carried out our site inspection and the below following points for your perusal.

Sl:No	Applicant Proposal Description	IE Comments	Remarks
1	The specified chainage is KM 251+090, located near Eraiyur village.	The proposal for crossing of a 33KV electrical overhead line and the installation of a baby tower, which is actually planned at KM 252+930, near Mangalamedu village.	To change the exact Chainage and Village name.
2	Erection of 33KV <u>electrical cable line</u> with baby tower.	Erection of 33 KV <u>electrical overhead line</u> with baby tower.	To change the subject electrical overhead line instead of electrical cable line.
3	Details regarding the foundation of the baby tower and the spacing between the conductors have not been provided.	It is necessary to submit the foundation details & specifications for the baby tower and the spacing of the 33KV conductors, including detailed drawings.	To submit the detailed drawings.
4	The calculated license fee for crossing across the NH, width size mentioned is 0.1 meters, is inaccurate.	To measure the actual width of the overhead conductors across the NH and calculate the license fee.	To submit the exact calculated license fee details.
5	The mentioned Ministry	The Ministry circular Number is	Update the relevant

**Corporate Office:** Feedback Infra Private Limited, #351, Phase 2, Sector 20, Udyog Vihar, Gurugram, Haryana - 122016, Tel: +91 124 416 9100  
 CIN: U74899DL1990PTC040630



An ISO 9001, ISO 14001 &amp; ISO 45001 Certified Division



	circular, RW/NH-22044/29/2015-S&R (R) dated 22.11.2016, is incorrect.	RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.	Ministry circular number.
6	<p>The Checklist Sl:No (7.1) Certificate for confirming of all standard condition issued vide Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-33044/29/2015-S&amp;R (R) dated 22.11.2016.</p> <p>(7.2) Certificate from DE in the following format</p> <p>(i) "it is certified that any other location of the Electric cable would be extremely difficult and unreasonable costly and the installation of Electric cable within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.</p> <p>(ii) For 4-lanning</p> <p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed four-lanning based on</p>	The checklist Sl:No 7, 7.1 & 7.2 Certificate from the DE approval is not enclosed.	Submit the certificate approved by the DE.



	the feasibility report considering proposed structures at the said location". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating		
7	As per TNGECL attached letter Para (2) Safety Certificate from the CEIG/Chennai shall be obtained by the generator before synchronizing the unit.	The Safety certificate from CEIG/Chennai is not enclosed.	The IE has instructed the applicant to provide the safety certificate in accordance with paragraph (2) of the TNGECL letter.
8	As per TNGECL attached letter Para (4) If any overloading observed in 110 KV, 230 KV feeders and 110/33KV Power Transformers at 110/33-22-11 KV Mangalamedu SS, your proposed 5 MW SPP shall be back down from the Grid and you should produce an undertaking to SE/Perambalur EDC in a Five Hundred Rupees stamp paper to the effect that to backdown the 5 MW SPP as per requirement of SLDC whenever required and further that you should not claim any compensation for the deemed generation.	The undertaking to the SE/Perambalur EDC is not enclosed.	The IE has instructed the applicant to submit the undertaking to the SE/Perambalur EDC subject as outlined in paragraph (4) of the TNGECL letter.
9	As per TNGECL attached letter Para (21) You are requested to execute an undertaking to the	The undertaking to the SE/Perambalur EDC is not enclosed.	The IE has instructed the applicant to submit the undertaking to the

Corporate Office: Feedback Infra Private Limited, #351, Phase 2, Sector 20, Udyog Vihar, Gurugram, Haryana - 122016, Tel: +91 124 416 9100  
CIN: U74899DL1990PTC040630




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	effect that you should not claim any compensation or responsibility for any unforeseen outage or scheduled maintenance outage of the 33kv line and the associated equipment's at 110/33-22-11 KV Mangalamedu SS.		SE/Perambalur EDC subject as mentioned in paragraph (21) of the TNGECL letter.
10	As per TNGECL attached letter Para (30) if the solar power plant is commissioned beyond the control period of the Order No.9 of 2020 dated 16.10.2020, the terms of the subsequent relevant order of TNERC will be applicable for your plant. In this regard, you are requested to execute an undertaking with SE/Perambalur EDC in a Five hundred rupees non-judicial stamp paper duly attested by the Notary Public.	The undertaking to the SE/Perambalur EDC is not enclosed.	The IE has instructed the applicant to submit the undertaking to the SE/Perambalur EDC subject as mentioned in paragraph (30) of the TNGECL letter.

This is for your kind information and action please.

Yours faithfully,  
for Feedback Infra Pvt Ltd in association with Sri Infotech,



(Y Venu Gopala Rao)  
Highway Maintenance Cum Resident Engineer



CC: 1.The Project Manager, M/s.Feedback Infra Pvt Ltd, Bangalore.  
2.The Project Manager, M/s. TTPL, Perambalur.





# 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 - तिरुच्ची / Project Implementation Unit - Trichy  
 नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
 No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001  
 दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/TNEB/NH38/U-P/2025/852

April 26, 2025

To

Authorised Signatory,  
 M/s. Mangal & Mangal,  
 25 N.S.B Road,  
 Tiruchirapalli - 620002.

Sub: NHAI - PIU, TRICHY -Ulundurpet- Padalur section of NH 45 (New NH 38) - Erection of 33 KV Electrical Cable Line with Baby Tower and crossing at Km.251/090 crossing Length 68.06m & Total no of Baby Towers 2 No's, Total Length of 68.06 meters - **Observations - Proposal returned - Reg.**

Ref: 1. Authorised Signatory, M/s. Mangal & Mangal, Tiruchirapalli, Lr No Nil Dt.09.04.2025  
 2. TO.Lr.No. NHAI/PD/TRY/TNEB/NH 38/U-P/2025/769 Dt.11.04.2025  
 3.TL, M/s. Feedback, Lr No.FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/51 Dt.22.04.2025

Sir,

With reference to your application dt.09.04.2025, seeking permission for the Erection of 33 KV Electrical Cable Line with Baby Tower and crossing at Km.251/090 crossing Length 68.06m & Total no of Baby Towers 2 No's, the site was inspected by the Resident Engineer, and made following observations as per letter dt.22.04.2025.

Sl:No	Applicant Proposal Description	IE Comments	Remarks
1	The specified chainage is KM 251+090, located near Eraiyur village.	The proposal for crossing of a 33KV electrical overhead line and the installation of a baby tower, which is actually planned at KM 252+930, near Mangalamedu village.	To change the exact Chainage and Village name.
2	Erection of 33KV electrical cable line with baby tower.	Erection of 33 KV electrical overhead line with baby tower.	To change the subject electrical overhead line instead of electrical cable line.
3	Details regarding the foundation of the baby tower and the spacing between the conductors have not been provided.	It is necessary to submit the foundation details & specifications for the baby tower and the spacing of the 33KV conductors, including detailed drawings.	To submit the detailed drawings.
4	The calculated license fee for crossing across the NH, width size mentioned is 0.1 meters, is inaccurate.	To measure the actual width of the overhead conductors across the NH and calculate the license fee.	To submit the exact calculated license fee details.
5	The mentioned Ministry circular, RW/NH-22044/29/2015-S&R (R) dated 22.11.2016, is incorrect.	The Ministry circular Number is RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.	Update the relevant Ministry circular number.
6	The Checklist Sl: No(7.1) Certificate for confirming of all	The checklist Sl: No7, 7.1 & 7.2 Certificate from the DE	Submit the certificate approved

\\Pd\D\PIU Tri Doc\2025 Documents\Utility shifting\TNEB\U-P\Ms. Mangal & Ms. Mangal

@Km.251.090, 18/04/2025  
 Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi - 110 075. Tel : 011-2507 4100 / 2507 4200 Website : www.nhai.gov.in



	<p>standard condition issued vide Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-33044/29/2015-S&amp;R (R) dated 22.11.2016.</p> <p>(7.2) Certificate from DE in the following format</p> <p>(i) "it is certified that any other location of the Electric cable would be extremely difficult and unreasonable costly and the installation of Electric cable within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.</p> <p>(ii) For 4-lanning</p> <p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed four-lanning based on the feasibility report considering proposed structures at the said location".</p> <p>(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating</p>	approval is not enclosed.	by the DE.
7	As per TNGECL attached letter Para (2) Safety Certificate from the CEIG/Chennai shall be obtained by the generator before synchronizing the unit.	The Safety certificate from CEIG/Chennai is not enclosed.	The IE has instructed the applicant to provide the safety certificate in accordance with paragraph (2) of the TNGECL letter.



8	As per TNGECL attached letter Para (4) If any overloading observed in 110 KV, 230 KV feeders and 110/33KV Power Transformers at 110/33-22-11 KV Mangalamedu SS, your proposed 5 MW SPP shall be back down from the Grid and you should produce an undertaking to SE/Perambalur EDC in a Five Hundred Rupees stamp paper to the effect that to back down the 5 MW SPP as per requirement of SLDC whenever required and further that you should not claim any compensation for the deemed generation.	The undertaking to the SE/Perambalur EDC is not enclosed.	The IE has instructed the applicant to submit the undertaking to the SE/Perambalur EDC subject as outlined in paragraph (4) of the TNGECL letter.
9	As per TNGECL attached letter Para (21) You are requested to execute an undertaking to the effect that you should not claim any compensation or responsibility for any unforeseen outage or scheduled maintenance outage of the 33kv line and the associated equipment's at 110/33-22-11 KV Mangalamedu SS.	The undertaking to the SE/Perambalur EDC is not enclosed.	The IE has instructed the applicant to submit the undertaking to the SE/Perambalur EDC subject as mentioned in paragraph (21) of the TNGECL letter.
10	As per TNGECL attached letter Para (30) if the solar power plant is commissioned beyond the control period of the Order No.9 of 2020 dated 16.10.2020, the terms of the subsequent relevant order of TNERC will be applicable for your plant. In this regard, you are requested to execute an undertaking with SE/Perambalur EDC in a Five hundred rupees non-judicial stamp paper duly attested by the Notary Public.	The undertaking to the SE/Perambalur EDC is not enclosed.	The IE has instructed the applicant to submit the undertaking to the SE/Perambalur EDC subject as mentioned in paragraph (30) of the TNGECL letter.

Hence the proposal is returned herewith for compliance with MoRT&H guidelines referred to above.

Encl: Proposal - 4 Nos.

Yours faithfully,

*A.N. Praveen Kumar* 26/04/2025

(A.N. Praveen Kumar)  
DGM (T) & Project Director

- Copy to: 1) The Team Leader, M/s. Feedback, Trichy for information.  
2) The Project Manager, M/s. TTPL, for information.



**MANGAL & MANGAL**

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: 2708792

Furniture : 2708755

E-mail: mangalgold@yahoo.com

25 N.S.B Road,

TIRUCHIRAPALLI - 620 002.

Date: \_\_\_\_\_

To

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

**Through Proper Channel**

Dear Sir,

Sub: Erection of 33 KV Electrical Cable Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.251/090 crossing Length 68.06m & Total no of Baby Towers 2 Nos, Total Length of 68.06 meters Tamilnadu State - Requesting of permission - Regarding.

\*\*\*\*\*

We submit herewith the proposal for according permission for Erection of 33 KV Electrical Cable Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.251/090 crossing Length 68.06m & Total no of Baby Towers 2 Nos, Total Length of 68.06 meters in the prescribed format, along with detailed drawing and check list.

We request that necessary permission may kindly be accorded so as to enable to Erection of 33 KV Lines with Pole and the restoration charges intimated to the above address for making payment.

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

Thanking You

NHAI - PIU - TRICHY	
1- 9 APR 2025	
Dy.No:	1352
M(T)	✓
LAG	
SE-1	✓
SE-2	✓
SE-3	✓
ACCOUNT	
YHE	
CO	

Yours Faithfully,

For M/s. **MANGAL & MANGAL**  
For MANGAL & MANGAL

*[Signature]*  
Authorized Signatory

(Authorized Signatory)



# 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 - तिरुच्ची / Project Implementation Unit - Trichy  
नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001  
दूर/Tele: +91-431 2482959 वेब/Web: www.nhai.org ई-मेल/E-mail: tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/TNEB/NH38/U-P/2025/991

May 19, 2025

To

Team Leader,  
M/s. Feedback Infra Pvt Ltd,  
Plot No. 14, First Floor,  
Gokulam Colony,  
BikshandarKoil, Trichy 621216

Sub: NHAI - PIU, TRICHY - Ulundurpet- Padalur section of NH 45 (New NH 38) - Erection of 33 KV Electrical Cable Line with Baby Tower and crossing at Km.251/090 crossing Length 68.06m & Total no of Baby Towers 2 No's, Total Length of 68.06 meters - Certain observations made by Team Leader - Compliance of observations by the applicant report Sought for -Reg.

Ref: 1. Authorised Signatory, M/s. Mangal & Mangal, Tiruchirapalli, Lr No Nil Dt.09.04.2025  
2. TO.Lr.No. NHAI/PD/TRY/TNEB/NH 38/U-P/2025/769 Dt.11.04.2025  
3. TL, M/s. Feedback, Lr No.FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/51 Dt.22.04.2025  
4. TO.Lr.No. NHAI/PD/TRY/TNEB/NH38/U-P/2025/852 dt.26.04.2025  
5. M/s. Mangal & Mangal, Lr No Nil Dt.19.05.2025

Sir,

Please find enclosed the copy of the letter cited under reference 5<sup>th</sup> above received from M/s. Mangal & Mangal furnishing the modified drawings duly complying the observations made vide letter cited under reference 4<sup>th</sup> above for verification of the same as per site conditions and MoRTH guidelines dt.26.06.2020.

2. If the proposal is found satisfactory in all respects, then submit the checklist and drawings duly signed and sealed along with specific recommendations to this office for taking further necessary action in the matter.

Encl: Proposal 4 sets.

Yours faithfully,

A.N. Praveen Kumar 19/05

(A.N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

- The Project Manager, M/s. TTPL, for information and report.
- Authorised Signatory, M/s. Mangal & Mangal, 25 N.S.B Road, Tiruchirapalli - 620002.

FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/163

Date: 27-06-2025

To,  
 The Project Director,  
 PIU Trichy, National Highway Authority of India,  
 Door No. 39, 3<sup>rd</sup> Cross street,  
 Kalyana Sundaram nagar,  
 Karumandapam,  
 Tiruchirapalli, Tamil Nadu 620001.

**Sub:** Independent Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway of Ulundurpet - Padalur section of NH-38 from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis- Seeking permission for a proposal for the crossing of a 33KV electrical overhead line and the erection of a baby tower at KM 253+940 of Ulundurpet - Padalur Section of NH-38 in the state of Tamilnadu - IE's Comment - Reg.

**Ref:**

- 1, M/s.Mangal & Mangal, Tiruchirapalli.Lr.No.Nil dated 09.04.2025
- 2, NHAI/PD/TRY/NH-38/U-P/TNEB/2025/769 dated 11.04.2025
- 3, FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/51 dated 22.04.2025
- 4, NHAI/PD/TRY/TNEB/NH-38/U-P/2025/852 dated 26.04.2025
- 5, M/s.Mangal & Mangal, Tiruchirapalli.Lr.No.Nil dated 19.05.2025
- 6, NHAI/PD/TRY/TNEB/NH-38/U-P/2025/991 dated 19.05.2025
- 7, CEA Guideline No-CEA-PS-16/01/21/Part-3/Section IV/Page No-178

Sir,

With reference to the above subject, the Independent Engineer verified the proposal and the below following points for your perusal.

Sl:No	Applicant Proposal Description	IE Comments	Remarks	As per authority ref letter (4) applicant resubmitted the proposal - IE Comments
1	The specified chainage is KM 251+090, located near Eraiyur village.	The proposal for crossing of a 33KV electrical overhead line and the installation of a baby tower, which is actually planned at KM 253+940, near Mangalamedu village.	To change the exact Chainage and Village name.	Corrections rectified.

Corporate Office: Feedback Infra Private Limited, #351, Phase 2, Sector 20, Udyog Vihar, Gurugram, Haryana - 122016, Tel: +91 124 416 9100  
 CIN: U74899DL1990PTC040630



**Feedback Infra Private Limited**  
**In Association with Sri Infotech**

Feedback Highways IndVe

Plot No. 14, Ground Floor, Gokulam Colony,  
Bikshandarkoil, Trichy - 621216, Tamil Nadu.

Email: ie.ulundurpet@gmail.com

ie.ulundurpet@feedbackinfra.com

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2	Erection of 33KV <u>electrical cable line</u> with baby tower.	Erection of 33 KV <u>electrical overhead line</u> with baby tower.	To change the subject electrical overhead line instead of electrical cable line.	Corrections rectified.
3	Details regarding the foundation of the baby tower and the spacing between the conductors have not been provided.	It is necessary to submit the foundation details & specifications for the baby tower and the spacing of the 33KV conductors, including detailed drawings.	To submit the detailed drawings.	Detailed drawings enclosed in the proposal.
4	The calculated license fee for crossing across the NH, width size mentioned is 0.1 meters, is inaccurate.	To measure the actual width of the overhead conductors across the NH and calculate the license fee.	To submit the exact calculated license fee details.	Corrections rectified.
5	The mentioned Ministry circular, RW/NH-22044/29/2015-S&R (R) dated 22.11.2016, is incorrect.	The Ministry circular Number is RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.	Update the relevant Ministry circular number.	Corrections rectified.
6	Checklist Sl:No 7.2 Certificate from DE in the following format (i) "it is certified that any other location of the Electric cable would be extremely difficult and unreasonable costly and the installation of Electric cable within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc." (ii) For 4-lanning	The checklist Sl:No 7.2 Certificate from DE approval is required.	Submit the certificate approved by the DE.	The DE approved Certificate is not enclosed. This certificate approval is granted by the PIU office.

 Corporate Office: Feedback Infra Private Limited, #351, Phase 2, Sector 20, Udyog Vihar, Gurugram, Haryana - 122016, Tel: +91 124 416 9100  
 CIN: U74899DL1990PTC040630




An ISO 9001, ISO 14001 and ISO 45001 Certified Division

	<p>(a)Where feasibility is available "I do certify that there will be no hindrance to proposed four-lanning based on the feasibility report considering proposed structures at the said location".</p> <p>(b)In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating</p>			
7	As per TNGECL attached letter Para (2) Safety Certificate from the CEIG/Chennai shall be obtained by the generator before synchronizing the unit.	The IE has directed the Applicant to acquire the Safety certificate from CEIG/Chennai and to submit a copy of the certificate to SE/EDC.	Provide the safety certificate in accordance with paragraph (2) of the TNGECL letter.	The Safety certificate from TNEB Perambalur DE certified copy is enclosed. After finishing the installation of the solar power plant work, the applicant is required to submit the safety certificate from CEIG/Chennai.
8	As per TNGECL attached letter Para (4) If any overloading observed in 110 KV, 230 KV feeders and 110/33KV Power Transformers at 110/33-22-11 KV Mangalamedu SS, your proposed 5 MW SPP shall be back down from the Grid and you should produce an	The IE has instructed the Applicant to submit an undertaking to the SE/Perambalur EDC.	Submit the undertaking as outlined in paragraph (4) of the TNGECL letter.	The Undertaking has been submitted and a copy is enclosed.



	undertaking to SE/Perambalur EDC in a Five Hundred Rupees stamp paper to the effect that to backdown the 5 MW SPP as per requirement of SLDC whenever required and further that you should not claim any compensation for the deemed generation.			
9	As per TNGECL attached letter Para (21) You are requested to execute an undertaking to the effect that you should not claim any compensation or responsibility for any unforeseen outage or scheduled maintenance outage of the 33kv line and the associated equipment's at 110/33-22-11 KV Mangalamedu SS.	The IE has instructed the Applicant to submit an undertaking to the SE/Perambalur EDC.	Submit the undertaking as mentioned in paragraph (21) of the TNGECL letter.	The Undertaking has been submitted and a copy is enclosed.
10	As per TNGECL attached letter Para (30) if the solar power plant is commissioned beyond the control period of the Order No.9 of 2020 dated 16.10.2020, the terms of the subsequent relevant order of TNERC will be applicable for your plant. In this regard, you are requested to execute an undertaking with SE/Perambalur EDC in a Five hundred rupees non-judicial stamp paper duly attested by the Notary Public.	The IE has instructed the Applicant to submit an undertaking to the SE/Perambalur EDC.	Submit the undertaking as mentioned in paragraph (30) of the TNGECL letter.	The Undertaking has been submitted and a copy is enclosed.



Further, the proposal has been examined in view of the provisions stated in the MoRTH RW/NH-33044/29/2015/S&R dated 22.11.2016. The proposal for crossing of 33kv Electrical overhead line and erection of 33KV baby tower at Km 253/940 verified at site.

The above proposal recommended for approval with the following conditions.

- 1, The work shall be carried out as per the proposal submitted by the Applicant.
- 2, The vertical clearance of the 33KV OH line should comply as per CEA norms of the Finished Ground Level (FGL) - As per CEA guideline in reference (7) the vertical clearance is 11.60 mtr and available clearance in the proposal is 18 mtr, the same should be maintained as the safest point.
- 3, The erection of a 33KV baby tower over head electrical line is to be installed close to the extreme edge of the Right of Way (ROW).
- 4, The excavated portion shall be restored back to the original condition with proper filling and compaction and shall be got checked from Concessionaire/IE.
- 5, Existing Avenue Plantation shall not be disturbed.
- 6, Proper markers shall be provided to spot the overhead line, so that the same are not disturbed during the maintenance works of the project highway.
- 7, Care shall be taken to ensure that other utilities at the time of execution of work shall not be damage/disturbed.
- 8, The laying of cable shall not cause any hindrance to the free flow of traffic and adequate traffic regulatory and safety measures as per MORTH norms shall be taken duly meeting the requirements as specified in various circulars of NHAI/MORTH issued from time to time.
- 9, Before commencement of work, the applicant should be asked to submit work programme and give prior intimation about commencement of the work to the Concessionaire/Independent Engineer/NHAI.
- 10, It will be the responsibility of the applicant to repair any damage caused by him and bring the project facility in orderly condition. After laying of OH Conductor line, the applicant shall obtain NOC from the Concessionaire regarding satisfactorily completing of the work.
- 11, The applicant will have the prime responsibility to provide all the safety measures during and after execution period to prevent an incident/accident.
- 12, The licensee shall identify the concerned agency in-coordination with authority against all damages and claims, if any due to the digging of pits for fixing of Towers.

**Feedback Infra Private Limited**  
**In Association with Sri Infotech**

*Feedback Highways IndVe*  
 Plot No. 14, Ground Floor, Gokulam Colony,  
 Bikshandarkoil, Trichy - 621216, Tamil Nadu.  
 Email: ie.ulundurpet@gmail.com  
 ie.ulundurpet@feedbackinfra.com



[www.feedbackinfra.com](http://www.feedbackinfra.com)

- 13, The licensee shall be responsible for shifting of the Electrical line as and when required by the NHAI at their own cost (LICENSE COST).
- 14, While carrying out the erection of overhead line, if any defects found in the road portion, Licensee failing to discharge the obligation of making of good of the excavated Pits/Other restoration works, Authority shall have a right to make good the damage caused by excavation at the cost of Licensee and recover the amount by forfeiture of BG as per applicant agreement point no: 23, 25 & 26.

This is submitted for the kind information and further necessary action.

Yours faithfully,  
 for Feedback Infra Pvt Ltd in association with Sri Infotech,

(Y Venu Gopala Rao)  
 Highway Maintenance Cum Resident Engineer



**Copy to:**

1. The Project Manager, M/s.Feedback Infra Pvt Ltd, Bangalore.
2. The Project Manager, M/s. TTPL, Perambalur.

Corporate Office: Feedback Infra Private Limited, #351, Phase 2, Sector 20, Udyog Vihar, Gurugram, Haryana - 122016, Tel: +91 124 416 9100  
 CIN: U74899DL1990PTC040630



An ISO 9001, ISO 14001 and ISO 45001 Certified Division

Application Details [20250409/2/15/37719/16056]	
Highway	NH45 [NH45]
Name of Highway Authority	
Highway Administration Address	
Name of Applicant/Oil Company	Mangal and Mangal Address: 25 N S B ROAD , TIRUCHIRAPPALLI (TAMIL NADU), PIN: 620002 Phn: 9842070143 Email: sathyaraj@calsindia.com
Application Category	Industrial Utility
Utility	Power Cables
State	TAMIL NADU
Type	New
Remarks	Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.252/930 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters in the state of Tamil Nadu.
Submitted On	17 May 2025 12:54:42

Details		
1. Length in Meters *		55m
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		31.60m
II. Right side from center line towards increasing chainage OR km direction *		25.40m
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		30.60m
II. Right side from center line towards increasing chainage OR km direction *		24.40m
4. Proposal to acquire the land		
I. Left side from center line *		0
II. Right side from center line *		0
5. Whether proposal is in the same side where land is not to be acquired *		No
If not then where to lay the cable *		NA
6. Details of already laid services if any along the proposed route *		No
7. Number of Existing lanes *		4 Lane
8. Proposed number of lanes *		6 Lane
9. Service road Exists *		No



<b>10. Proposed Service road</b>		
<b>Left side from center line</b>		0
<b>Right side from center line</b>		0
<b>11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *</b>		N/A
<b>12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *</b>		Considered for approval based on the Ministries circular
<b>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 *</b>		NA / The pole shall be erect for overhead only
<b>I. Whether the existing drainage structures are allowed to carry utility pipeline. *</b>		NA / The pole shall be erect for overhead only
<b>II. Is it on a line normal to NH? *</b>		Yes
<b>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. *</b>		0.00

<b>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. *</b>		NA / The pole shall be erect for overhead only
<b>V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path *</b>		NA / The pole shall be erect for overhead only
<b>VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *</b>		NA / The pole shall be erect for overhead only
<b>VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *</b>		NA / The pole shall be erect for overhead only
<b>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. *</b>		NA / The pole shall be erect for overhead only

14. Whether the proposal satisfies the following:

<p><b>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. *</b></p>		<p>NA / The pole shall be erect for overhead only</p>
<p><b>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. *</b></p>		<p>NA / The pole shall be erect for overhead only</p>
<p><b>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. *</b></p>		<p>NA / The pole shall be erect for overhead only</p>
<p><b>IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. *</b></p>		<p>NA / The pole shall be erect for overhead only</p>

<b>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. *</b>		NA / The pole shall be erect for overhead only
<b>15. Document/Drawings enclosed with the proposal *</b>		Yes
<b>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) *</b>		NA / The pole shall be erect for overhead only
<b>II. Cross section showing the size of pit and location of cable for HDD method *</b>		NA / The pole shall be erect for overhead only
<b>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. *</b>		Yes
<b>IV. Methodology of laying of the Utility Pipeline/OFC *</b>		Yes
<b>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 *</b>		NA / The pole shall be erect for overhead only



<p><b>(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *</b></p>		<p>NA / The pole shall be erect for overhead only</p>
<p><b>(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 *</b></p>		<p>NA / The pole shall be erect for overhead only</p>
<p><b>(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 *</b></p>		<p>NA / The pole shall be erect for overhead only</p>
<p><b>(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. *</b></p>		<p>NA / The pole shall be erect for overhead only</p>

<b>(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *</b>		NA / The pole shall be erect for overhead only
<b>(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *</b>		NA / The pole shall be erect for overhead only
<b>(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *</b>		NA / The pole shall be erect for overhead only
<b>VI. Horizontal Directional Drilling (HDD) Method *</b>		NA / The pole shall be erect for overhead only
<b>VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *</b>		No
<b>16. Draft license Agreement signed by two witnesses. *</b>		Yes
<b>I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&amp;R dated 22.11.2016. *</b>		Applicable at later date
<b>17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&amp;R, dated 22.11.2016. *</b>		Yes
<b>I. Confirmation of BG has been obtained as per MoRTH guidelines *</b>		Yes

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

<b>a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *</b>		Yes
<b>b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *</b>		Yes
<b>c) Undertaking Confirming all standard condition of Ministry's guidelines. *</b>		Yes
<b>d) Undertaking for indemnity against all damages and claims *</b>		Yes
<b>e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *</b>		Yes
<b>f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *</b>		Yes
<b>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. *</b>		Yes

h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *		Yes
i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *		Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *		Yes
k) Certificate from the applicant in the following format		
l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time 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. *		M/s. MANGAL & MANGAL, 25, N.S.B. Road, Tiruchirapalli - 620 002. Tamil Nadu State
20. The Power of Attorney is in favour of authorized signatory? *		Yes



Locations						
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	TAMIL NADU	PERAMBALUR	NH45 [NH45] (0-421.65) From Km: 198.813 To Km: 325	Chainage Point: 0 Lat: 0.00 Lng: 0.00	Chainage Point: 0 Lat: 0.00 Lng: 0.00	View

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

Applicable Fee Details					
Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	2066.03	

PROPOSAL FOR ERECTION OF 33 KV ELECTRICAL OVERHEAD LINE WITH BABY TOWER IN NH-45 ROAD (NEW NH-38) (ULUNDURPET TO PADALUR SECTION) CROSSING @ KM.253/940 CROSSING LENGTH 55M & TOTAL NO OF BABY TOWERS 2 NOS, TOTAL LENGTH OF 55 METERS, TAMILNADU.

SUBMITTED TO



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

HIGHWAY ADMINISTRATION



THE REGIONAL OFFICER  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
 'REGIONAL OFFICE'  
 2nd & 3rd Floor Vijay Krishna Plaza,  
 No.1, Lake Area, Mattuthavani,  
 Madurai - 625 007

*[Signature]*



APPLICANT

**M/s. MANGAL & MANGAL,**  
 25, N.S.B. ROAD,  
 TIRUCHIRAPALLI - 620 002.  
 Tamil Nadu State.

<b><u>Restoration Charges to be collected for Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m &amp; Total no of Baby Towers 2 Nos, Total Length of 55 meters , Tamilnadu State.</u></b>	
Cost of Restoration Charges Across the Road @ Rs. 1,00,000/-per crossing (1 x 1,00,000) KM.253/940	Rs.1,00,000/-
<b>Restoration Charges</b>	<b>Rs.1,00,000/-</b>
<b>Centage Charges 23.5%</b>	<b>Rs.23500 /-</b>
<b>Total Restoration Charges</b>	<b>Rs.1,23,500 /-</b>



*Handwritten signature/initials*

<b><u>License fee to be collected for Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m &amp; Total no of Baby Towers 2 Nos. Total Length of 55meters, Tamilnadu State.</u></b>						
SI No	Description	Length in m	Width in m	Area occupied in Sqm	Guideline Value (Rs.) per Sqm	License Fees (Rs / sqm / month)
<b>A. Across the Road</b>						
1	Mangalamedu (Thevaiyur North) Km.253/940	55.00	1.6	88.00	500.25	660.33
	<b>Sub Total - I</b>	<b>55.00</b>		<b>88.00</b>		<b>660.33</b>
<b>B. Proposed Pole</b>						
1	Mangalamedu (Thevaiyur North) - Baby Towers (2 Nos)	1.5	1.5	4.50	500.25	641.57
	<b>Sub Total - II</b>	<b>1.50</b>		<b>4.50</b>		<b>641.57</b>
<b>Total Area to be utilised (Sub Total I + II)</b>						<b>1301.90</b>

**Total License fee =Rs1301.90 Annum Say Rs.1302/- (Minimum Rs.10000/-)**

License For Public Utility for 1 Year ₹ 10,000.00

License For Public Utility for 2 Year ₹ 10,600.00

License For Public Utility for 3 Year ₹ 11,236.00

License For Public Utility for 4 Year ₹ 11,910.16

License For Public Utility for 5 Year ₹ 12,624.77

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





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பதிவுத்துறை  
REGISTRATION DEPARTMENT



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Wise

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Sub Registrar Office:\*

Trichy

Valighandapuram

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Land Category\*

Thevaiyur (North)

Dry Abutting National Highways Ty

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## Search Criteria :

**Zone:** TRICHY **Sub** VALIGHANDAPURAM  
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**Revenue** PERAMBALUR **Office:**  
**District:** **Revenue** THEVAIYUR(N)  
**Revenue** VEPPANTHATTAI  
**Taluka:**

Below Search results are as on 06-May-2025 04:49 PM

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

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<a href="#">225/10A</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-
2	<a href="#">225/10B</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-
3	<a href="#">225/11</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-
4	<a href="#">225/12</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-
5	<a href="#">225/13</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-
6	<a href="#">225/14</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-
7	<a href="#">225/15</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-
8	<a href="#">225/16</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-
9	<a href="#">225/18A</a>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul-2024	-

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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
10	<u>225/18B</u>	2024292/ Acre	5002500/ Hectare	Dry Abutting National Highways Type - I	01-Jul- 2024	-

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**CHECK - LIST**

**Guidelines for Project Directors for processing the proposal for erection of 33KV Electrical Overhead Line with baby tower in the land across National Highways vested with NHA1.**

• **Relevant circulars**

- 1) Ministry Circular No. NH-III/P/66/76 dated 19.11.1976
- 2) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 3) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 4) Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016

**Check list for getting approval for erection of 33KV Electrical Overhead Line with Baby NH land**

S.No	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	M/s. MANGAL & MANGAL, 25, N.S.B. Road, Tiruchirapalli - 620 002. Tamil Nadu State	
1.2	National Highway Number	NH-45 (New NH-38)	
1.3	State	TamilNadu	
1.4	Location	(Ulundurpet to Padalur Section)	
1.5	(Chainage in km)	Crossing @ Km.253/940	
1.6	Length in Meter	55 meters	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	31.60m	
	(b) Right side from center line towards increasing chainage / km direction	25.40m	
1.8	Proposal to erection of electrical pole		
	(a) Left side from center line towards increasing chainage/ km direction	30.60m	
	(b) Right side from center line towards increasing chainage/ km direction	24.40m	
1.9	Proposal to acquire land		Already acquired
	(a) Left side from center line	Nil	
	(b) Right side from center line		



**Y.VENU GOPALA RAO**  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Thruchy - Tamil Nadu





JUNO 1360 07.10.07.25

1.10	Whether proposal is in the same side where land is not to be acquired	No	
	If not then where to erection of Electrical Line with Pole	The pole shall be laid at the extreme edge of ROW.	
1.11	Details of already laid services, if any, along the proposed route	Nil	
1.12	Number of lanes (2/ 4/ 6/8 lanes) existing	4 lanes with Paved Shoulder	
1.13	Proposed Number of lanes (2 lanes with paved shoulders/4 / 6/8 lanes)	6 lanes with Paved Shoulder &Service Road	
1.14	Service road existing or not	Not	
	If yes then which side		
	(a) Left side from center line	Nil	
	(b) Right side from center line	Nil	
1.15	Proposed Service Road	Nil	
	(a) Left side from center line	Nil	
	(b) Right side from center line	Nil	
1.16	Whether proposal to erection of 33KV Electrical Overhead Line with Baby Tower is after the service road or between the service road and main carriageway	Along utility corridor at ROW edge	
1.17	The permission for erection of 33KV Electrical Overhead Line with Baby Tower shall be considered for approval / rejection based on the Ministry Circulars mentioned as above	Considered for approval based on the Ministries circular	
1.18	<b>If crossings of the road involved</b> If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	NA	The pole shall be erect for overhead only
	(a) Existing drainage structures shall not be allowed to carry the lines.	NA	The pole shall be erect for overhead only
	(b) Is it on a line normal to NH	Yes	



**Y.VENU GOPALA RAO**  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Thruchy - Tamil Nadu



24ND 1366 Dt. 10.07.25

	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters. What is the distance from the existing structures	NA	The pole shall be erect for overhead only
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	NA	The pole shall be erect for overhead only
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	NA	The pole shall be erect for overhead only
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	NA	The pole shall be erect for overhead only
	(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	NA	The pole shall be erect for overhead only
	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	NA	The pole shall be erect for overhead only
2	Document / Drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide) (i) Should not be greater than 60 Cm wider than the outer diameter of the pipe (ii) located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-	NA	The pole shall be erect for overhead only



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	lines of the nearest carriageway (iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges (iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.		
2.2	Cross section showing the size of pit and location of cable for HDD method	NA	The pole shall be erect for overhead only
2.3	Strip plan/ Route Plan showing erection of 33KV Electrical Line with Pole, Chainage, width of ROW, distance of proposed, pole from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes	
2.4	Methodology for erection of 33KV Electrical Overhead Line with Baby Tower	Yes	
2.4.1	<b>Open trenching method.</b> (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type). If yes, Methodology of refilling of trench	NA	The pole shall be erect for overhead only
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	NA	The pole shall be erect for overhead only



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	(c) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	The pole shall be erect for overhead only
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted. (e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	NA	The pole shall be erect for overhead only
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	NA	The pole shall be erect for overhead only
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	The pole shall be erect for overhead only
2.4.2	Horizontal Directional Drilling (HDD) Method	NA	The pole shall be erect for overhead only
2.4.3	Erection of 110/33KV Electrical Overhead Line with Baby Tower through CD works and method of laying	No	
3	Draft License Agreement signed by two witnesses	Yes	
4	Performance Bank Guarantee in favor of NH has to be obtained @ Rs. 100/- per		



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	running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NH to the licensee for clearing debris/loose earth.	Applicable at later date	
4.1	Performance BG as per above is to be obtained.	Applicable at later date	
4.2	Confirmation of BG has been obtained as per NH guidelines	Yes	
5	<b>Affidavit / Undertaking from the Applicant for</b>		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NH or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirming all standard condition of NH`s guideline	Yes	
5.4	Shifting of erection of 33KV Electrical Overhead Line with Baby Tower and 33KV Transformer as and when required by NH at their own cost	Yes	
5.5	Shifting due to 6 lanning / widening of NH	Yes	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes	
5.7	Traffic movement during laying of erection of 110/33KV Electrical Overhead Line with Baby Tower 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	



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5.9	Prior approval of the NH shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the erection of 33KV Electrical Overhead Line with Baby Tower located in the National highway right-of-ways	Yes	
5.10	Expenditure, if any, incurred by NH for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the erection of 110/33KV Electrical Overhead Line with Baby Tower will be borne by the	Yes	
5.11	If the NH considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NH at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format (i) Laying of erection of 110/33KV Electrical Overhead Line with Baby Tower will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) for 4 -laning "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NH" for future four - laning or any other development."	Yes	
6.	Who will sign the agreement on behalf of erection of 33KV Electrical Overhead Line with Baby Tower agency	M/s. MANGAL & MANGAL, 25, N.S.B. Road, Tiruchirapalli - 620 002. Tamil Nadu State.	



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7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995 and Ministry Circular No. RW/NH-33044/29/2015-S&R(R) dated 22.11.2016.	Yes	
7.2	Certificate from Project Director in the following format (i) <i>"It is certified that any other location of the Electric cable would be extremely difficult and unreasonable costly and the installation of Electric cable within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of Curve etc".</i>	Yes	
	(ii) for 4-laning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed four-laning based on the feasibility report considering proposed structures at the said location". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating	Yes	
8	If NH section proposed to be taken up by NH on BOT basis - a clause is to be inserted in the agreement. <i>"The permitted Highway on which Licensee has been granted the right to</i>		



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Lr no 1360 Dtr 18.07.25

	erection of Electrical Line with Pole has also been granted as a right of way to the concessionaire under the concession agreement for up gradation of <b>NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940</b> and therefore, the licensee shall honour the same."	Yes	
9	Who will supervise the work of erection of 33KV Electrical Overhead Line with Baby Tower	Concessionaire/ Consultant/NH	
10	Who will ensure that the defects in road portion after laying of erection of 33KV Electrical Overhead Line with Baby Tower are corrected and if not corrected then what action will be taken.	Concessionaire/ Consultant	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	M/s. MANGAL & MANGAL, 25, N.S.B. Road, Tiruchirapalli - 620 002. Tamil Nadu State.	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Yes	
13	If any previous approval is accorded for erection of 33KV Electrical Line with Pole, then Photocopy of register of records of permissions accorded as maintained by PD may be enclosed.	Yes	

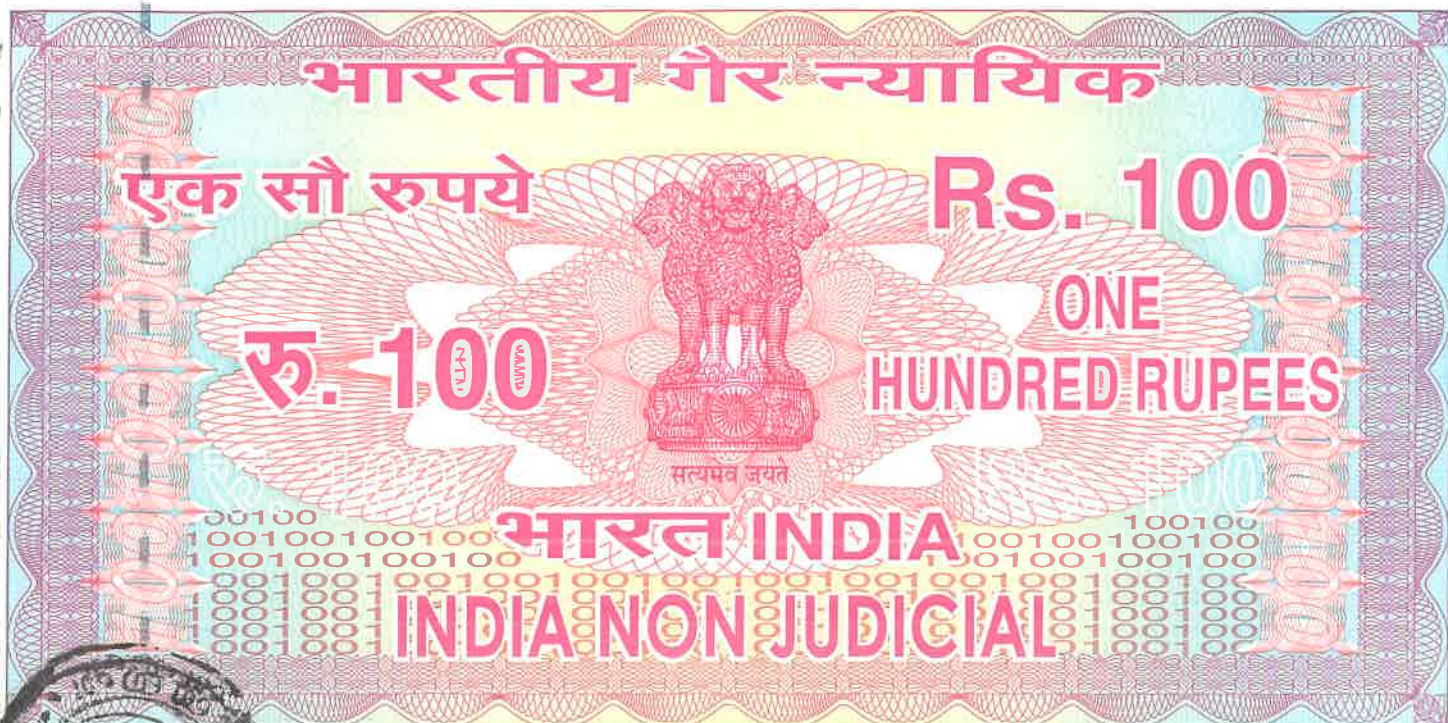



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**The Project Director**







TAMILNADU

Mangal &amp; mangal

ED 513975

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18 JUN 2025

S. SARASWATHI  
STAMP VENDOR

LC No: 9228/85 DT, 16-4-1986  
7, 2nd CRESCENT PARK ROAD,  
ADYAR, CHENNAI-20. Cell: 9176650088

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

Agreement to Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters in the state of Tamil Nadu, National Highways.

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ (month) \_\_\_\_\_ of (year) between \_\_\_\_\_ acting in his executive capacity through \_\_\_\_\_ (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context include his successors in office and assigns) on the one part, an **M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamil Nadu State**, (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors / administrator assignees on the second part.



Whereas the Authority is responsible, inter-alia, for development and maintenance of lands in NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters in the state of Tamil Nadu, National Highways.

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

Whereas the Licensee has applied to the Authority for permission to lay utility services in NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters in the state of Tamil Nadu, National Highways.

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

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

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





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

> 



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



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

*[Handwritten signature]*



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





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





38.The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:

- a. Operation, repair and maintenance guidelines given by the manufacturers.
- b. The requirements of Law.
- c. The physical conditions at the Site, and
- d. The safety of operating personnel and human beings.

39.The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.

40.While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.

41.After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be bought back to the original condition failing which the Licensee will lose the right to remove the utility services. However, before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the ROW.

42.Any disputes in interpretation of the terms and condition of this agreement or their implementation shall be referred to the redress mechanism prevailing in the ministry and the decision of the redress mechanism shall be final and binding on all.

43.For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in Mutual agreement with the respective project concessionaires. MoRT&H/NHAI/implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

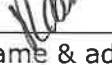
*Handwritten signature*



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

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

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



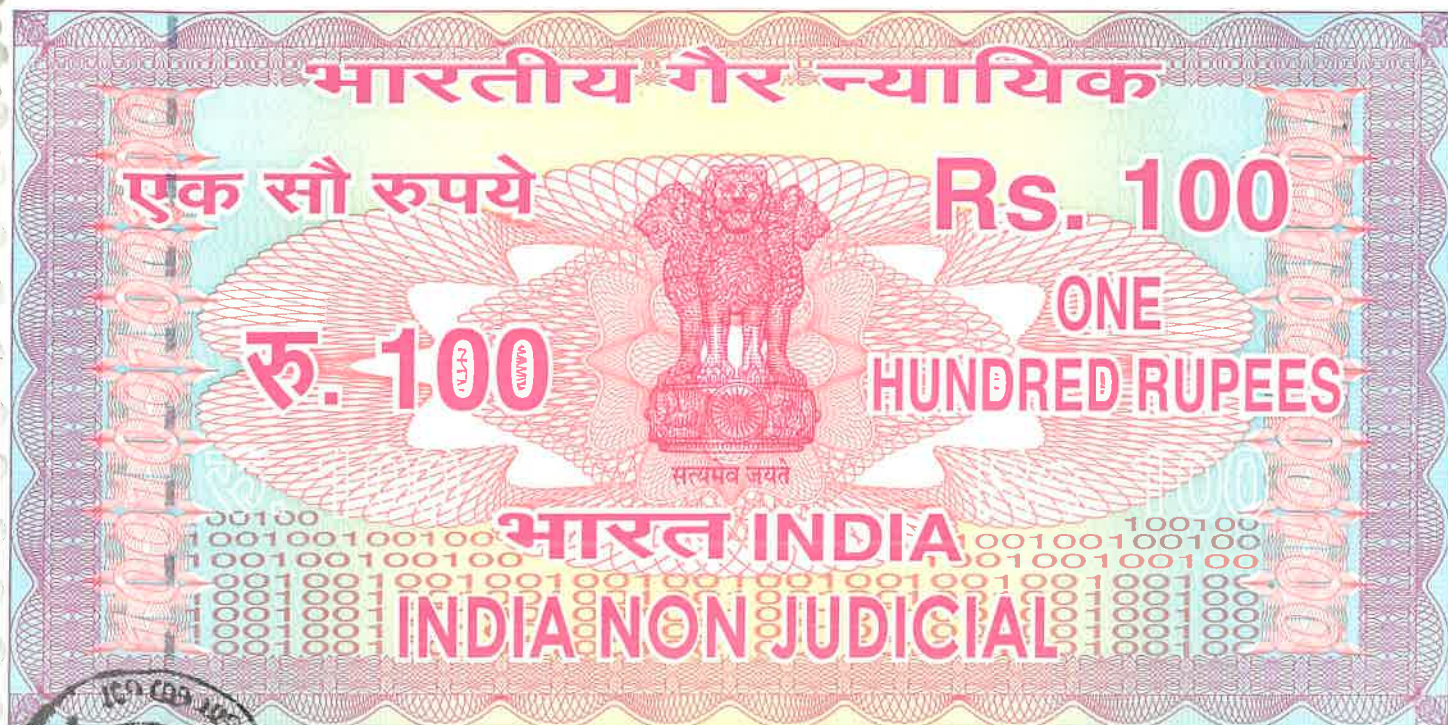
SIGNED ON BEHALF OF **M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamil Nadu State. (LICENSEE)**

BY SHRI \_\_\_\_\_  
(Signature, name & address with stamp)

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

IN THE PRESENCE OF (WITNESSES)

1. 
2. 



18 JUN 2025

ED 513973

S. SARASWATHI  
STAMP VENDOR

LC No: 9228/28/85 DT. 16-4-1986  
7, 2nd CRESCENT PARK ROAD,  
ADYAR, CHENNAI-20. Cell: 9176650088

## Annexure-V

UNDERTAKING

**We, M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamil Nadu State.** Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters in the state of Tamil Nadu.

We here by undertake the Standard 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 electrical cable line, underground installation/utilities etc, M/s. MANGAL & MANGAL shall be responsible to ascertain from the respective agency in coordination with NHAI. M/s. MANGAL & MANGAL shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.





**2. Renewal of Bank Guarantee:** M/s. MANGAL & MANGAL shall furnish a Bank Guarantee @ Rs100/- per running meter to the NHAI, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for erection of 33 KV Double Circuit electrical Overhead line with baby tower by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to The Assistant Engineer for clearing debris/loose earth. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee M/s. MANGAL & MANGAL shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of The Assistant Engineer failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good the damages caused by excavation, at the cost of The Assistant Engineer and recover the amount by invoking the bank guarantee furnished by M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamil Nadu State.

**3. Confirming all standard conditions of NHAI:**

- (i) The period of validity of Way permission shall be co-terminus with the validity of licensee given by the Ministry of Communications / DoT.
- (ii) The 33 KV Double Circuit electrical cable line with pole shall be laid at the edge of the right of way within 2m utility corridors.
- (iii) The top of the electrical cable line shall be at least 11m from existing road.
- (iv) The licensee has to cross the NH in case any damage is caused to the road pavement in this process, The Assistant Engineer will be required to restore the same to the original condition at his own cost.
- (v) No trenching will be done on link road, boring method will be used in link road and 33 KV Double Circuit Electrical Overhead line with baby tower will be laid at the extreme edge of the road in the non-BT surface only.
- (vi) The licensee shall inform/give a notice to the NHAI, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs100/- per meter length for maintenance/ repair work shall have to be furnished by The Assistant Engineer.



- (vii) Each day, the extent of erection of 33 KV Double Circuit Electrical Overhead line with baby tower should be strictly regulated so that cables are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NHAI.
- (viii) The Licensee shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the erection of 33 KV Double Circuit Electrical Overhead line with baby tower.
- (ix) The NHAI has a right to terminate the permission or to extend the period of agreement. In case the Assistant Engineer wants shifting, repairs or alteration to 33 KV Double Circuit Electrical Overhead line with baby tower, he will have to furnish a separate bank guarantee.
- (x) The Licensee shall not without prior permission in writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said 33 KV Double Circuit Electrical Overhead line with baby tower.
- (xi) The permission granted shall not in any way be deemed to convey to The Assistant Engineer any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
- (xii) During the subsistence of this agreement, the erection 33 KV Double Circuit Electrical Overhead line with baby tower located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of The Assistant Engineer to the use thereof shall not become absolute and indefeasible by laps of time.
- (xiii) The Assistant Engineer shall bear the stamp duty charged for the agreement.
- (xiv) The 33 KV Double Circuit Electrical Overhead line with baby tower shall not be brought in to use by M/s. MANGAL & MANGAL unless a completion certificate to the effect that the erection of 33 KV Double Circuit Electrical Overhead line with baby tower has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.





- (xv) Notwithstanding anything NHA I contained herein this agreement may be cancelled at any time by the for breach of any condition of the same and The Assistant Engineer shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
- (xvi) The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NHA I is required to do some emergent work The Assistant Engineer will provide an observer within 24 hours. NHA I will not be responsible for any damage of any kind by what so ever means natural or otherwise.
- (xvii) The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement of the License with Department of TNEB and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope of M/s. MANGAL & MANGAL.

4. **Shifting of 33KV Double Circuit Electrical Overhead line with baby tower as and when required by NHA I:** M/s. MANGAL & MANGAL shall shift the 33 KV Double Circuit Electrical Overhead line with baby tower within 90 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHA I, Govt. of India to shift/relocate the 33 KV Double Circuit Electrical Overhead line with baby tower, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk
5. **Shifting due to 6 lining / widening of NH:** After the termination/expiry of the agreement, M/s. MANGAL & MANGAL shall remove the 33 KV Double Circuit Electrical Overhead line with baby tower within 90 days and the site shall be brought back to the original condition failing which the M/s. MANGAL & MANGAL However, before taking up the work of removal of 33 KV Double Circuit Electrical Overhead line with baby tower M/s. MANGAL & MANGAL shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.



6. **Traffic movement during erection of 33 KV Double Circuit Electrical Overhead line with baby tower to be managed by the applicant:** If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of M/s. MANGAL & MANGAL.
7. **If any claim is raised by the concessionaire, then the same has to be paid by the applicant:** M/s. MANGAL & MANGAL 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. MANGAL & MANGAL. The concerned agency in co-ordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by M/s. MANGAL & MANGAL. If fails to comply with the condition 5 and 6 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the M/s. MANGAL & MANGAL.
8. **We, M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamilnadu State,** hereby do undertake to furnish a Performance Bank Guarantee @100/- per meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installation utility services & interference interruption, disruption of failure caused thereof to any services etc. In case, M/s. MANGAL & MANGAL. Failing to discharge the obligation of making good the damages caused due to erection, the NHAI shall have a right to make good the damages caused due to erection at the cost of the M/s. MANGAL & MANGAL. 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. MANGAL & MANGAL. Shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
9. Not to damage to other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.
10. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission within a period of 11months from the date of issue of the Bank Guarantees, The Assistant Engineer shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
11. We will relocate Cable lines/Utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI "for future six-lining or any other development."

✓

*ndbz*



- 12.** We, M/s. **MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamilnadu State**, hereby undertake that "The existing avenue plantation is not affect due to the present proposed Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters in the state of Tamil Nadu.
- 13.** We, M/s. **MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamilnadu State**, hereby undertake that the pay the fee /rent as mentioned in the Ministry's Guidelines Lr. No. RW/NH- 33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI.
- 14.** Lr. No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI. Reference Circular issued by Ministry of Road Transport & Highways, GOI, Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016. Where in, the last paragraph that "The Highway Administration Rules 2004 will be modified accordingly. This circular will come in to effect from the date of notification of the modified Highway Administration Rule" So we hereby give our constant to abide by the content of this circular from the date of its notification by MORTH, GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.

Yours Faithfully,

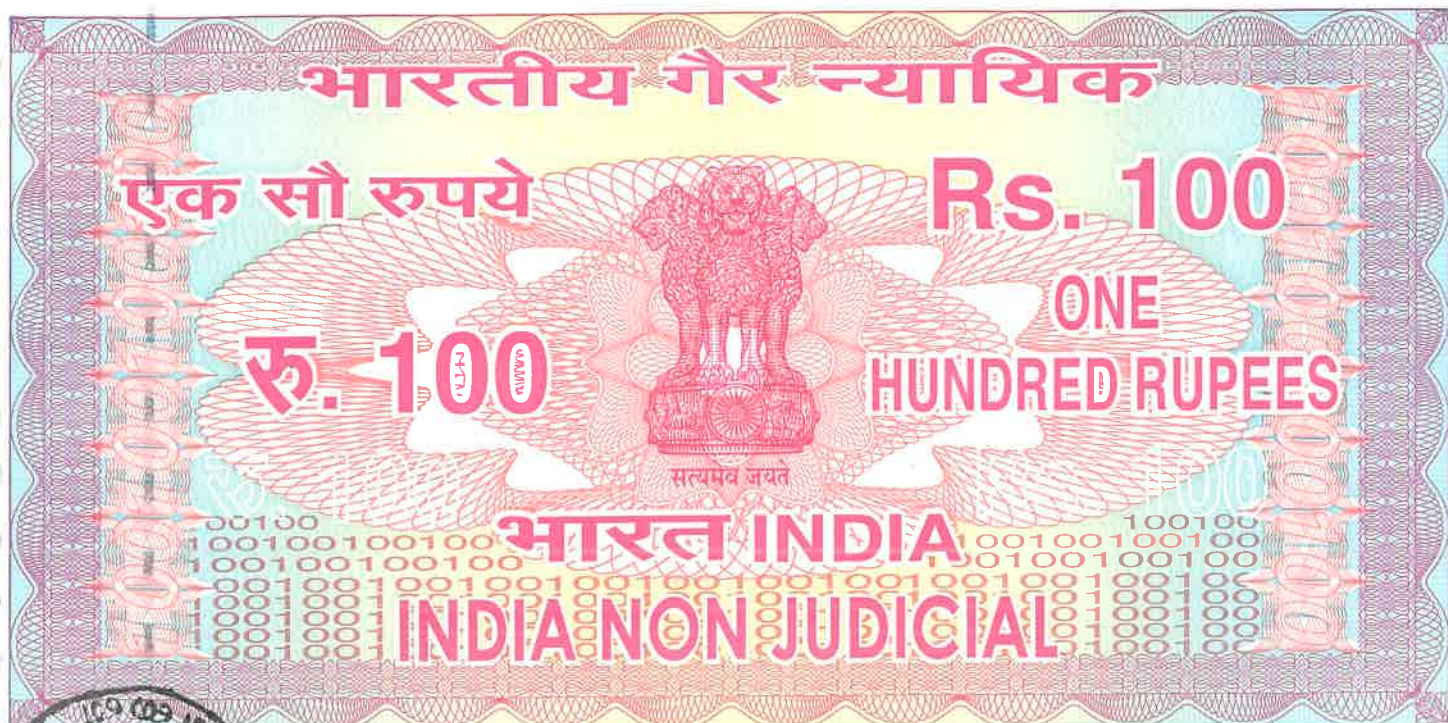
**For M/s. MANGAL & MANGAL.,**

*[Handwritten Signature]*

**(Authorized Signatory)**







TAMILNADU Mangal &amp; Mangal

5116

18 JUN 2025

ED 513971

S. SARASWATHI

STAMP VENDOR

LC No: 9228/26/85 DT. 16-4-1986  
7, 2nd CRESCENT PARK ROAD,  
ADYAR, CHENNAI-20. Cell: 9176650088**Annexure-VI****INDEMNITY BOND**

Name of Work: Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters, Tamilnadu State, National Highways, Trichy.

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

**We, M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002, Tamilnadu State,** do hereby indemnify Project Director, National Highways Authority of India, Project Implementation Unit, binding ourselves to pay all the losses and claims in respect of Erection of 33 KV Electrical Overhead Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 55m & Total no of Baby Towers 2 Nos, Total Length of 55 meters, Tamilnadu State or maintenance thereof and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof in relation there to. Failing such payments of claims in the above work we abide in accepting for recovery of such claims affected from any of our assets.

Yours Faithfully,

M/s. **MANGAL & MANGAL**

(Authorized Signatory)







தமிழ்நாடு தமிழ்நாடு TAMILNADU

02-06-2025 mangal & mangal  
Trichy.

To

SuperIntending Engineer,  
Perambalur Electricity distribution circle,  
230/110 kV SS campus  
Perambalur-621220.

Ref: - For Sl.No.4 of NFR

#### UNDERTAKING

We, M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamil Nadu State. Erection of 33 KV Electrical Cable Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 68.06m & Total no of Baby Towers 2 Nos, Total Length of 68.06 meters TamilNadu State.

We here by undertake the Standard Conditions TNGECL:

1. We are proposed 5 MW solar power plant can be interfaced through newly proposed 33 KV Mangal&Mangal Solar Feeder which is to be connected at 110/33-22-11 KV Mangalamedu SS at 33 KV level with necessary breaker, metering and protection arrangement as per TNGECL norms.

for MANGAL & MANGAL

Authorised Signatory



➤ Subject to the condition:

We hereby accept the condition that, in the event of overloading observed in the 110 kV / 230 kV feeders or the 110/33 kV Power Transformers at the 110/33-22-11 kV Mangalamedu Substation, our proposed 5 MW Solar Power Plant (SPP) shall be backed down from the grid. We also agree to back down the 5 MW SPP as per the instructions of SLDC whenever required, and confirm that no compensation will be claimed for deemed generation.

We hereby accept the condition to submit an Undertaking on a ₹500 Stamp Paper, agreeing to the stated terms and conditions for obtaining connectivity at 33 kV level at the 110/33-22-11 kV Mangalamedu Substation.

Yours Faithfully,

For M/s. MANGAL & MANGAL,,

(Authorised Signatory)





தமிழ்நாடு தமிழ்நாடு TAMILNADU

mangal & mangal  
Trichy.

02-06-2025

To

Superintending Engineer,  
Perambalur Electricity distribution circle,  
230/110 kV SS campus  
Perambalur-621220.

Ref: - For Sl.No. 21 of NFR

பி.சு.பி.சு.பி.  
S.V.L.No.53/AYR/87  
செயல்புரை - 621 212

AW 404550



#### UNDERTAKING

We, M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002: Tamil Nadu State. Erection of 33 KV Electrical Cable Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 68.06m & Total no of Baby Towers 2 Nos, Total Length of 68.06 meters TamilNadu State.

We here by undertake the Standard Conditions of NHAI Guidelines:

1. We hereby accept the condition to execute an Undertaking stating that no claim for compensation or responsibility will be made for any unforeseen outage or scheduled maintenance outage of the 33 kV line and associated equipment at the 110/33-22-11 kV Mangalamedu Substation.

or MANGAL & MANGAL

Authorised Signatory

We hereby accept the condition to submit an Undertaking on a ₹500 Stamp Paper, agreeing to the stated terms and conditions for obtaining connectivity at 33 kV level at the 110/33-22-11 kV Mangalamedu Substation.

Yours Faithfully,

For M/s. MANGAL & MANGAL.



(Authorized Signatory)







தமிழ்நாடு தமிழ்நாடு TAMILNADU

02-06-2025

mangal & mangal  
Trichy.

To

Superintending Engineer,  
Perambalur Electricity distribution circle,  
230/110 kV SS campus  
Perambalur-621220.

சு.வ.ல.ப.குமா  
ச.வ.ல.ப.குமா  
S.V.L.No.53/AYR/97  
Perambalur-621212

AW 404552



Ref:- For Sl.No. 30 of NFR  
**UNDERTAKING**

We, M/s. MANGAL & MANGAL, 25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002. Tamil Nadu State. Erection of 33 KV Electrical Cable Line with Baby Tower of NH-45 Road (New NH-38) (Ulundurpet to Padalur Section) crossing @ Km.253/940 crossing Length 68.06m & Total no of Baby Towers 2 Nos, Total Length of 68.06 meters TamilNadu State.

We here by undertake the Standard Conditions of NHA1 Guidelines:

1. We acknowledge and accept that if the solar power plant is commissioned beyond the control period specified in Order No. 9 of 2020 dated 16.10.2020, the terms and conditions of the subsequent relevant orders Issued by TNERC will be applicable to our plant.

For MANGAL & MANGAL

Authorised Signatory



P. Sureshkumar

26-06-2025

P. SURESHKUMAR B.Sc., D.L.,  
GO (MS) 246/2023  
NOTARY PUBLIC  
106-D, SUNDAR NAGAR,  
PERAMBALUR - 621 212

We hereby accept the condition to submit an Undertaking on a ₹500 Stamp Paper, agreeing to the stated terms and conditions for obtaining connectivity at 33 kV level at the 110/33-22-11 kV Mangalamedu Substation.

Yours Faithfully,

For M/s. MANGAL & MANGAL.,

(Authorised Signatory)



Solemnly affirmed and signed (in vernacular,  
Affixed 1.15) before me (after read over to the  
Affirmant/s who understood the same) at  
Perambalur on 26.06.2025

P. Suresh Kumar  
26.06.2025  
P. SURESHKUMAR ESQ.  
GO (MS) 248/2023  
NOTARY PUBLIC  
106-D, SUNDAR NAGAR,  
PERAMBALUR - 621 212.



GSTIN 33AAIFM3378B1Z1

**MANGAL & MANGAL**MANUFACTURER & DEALER IN EXPORT QUALITY DIAMOND, GOLD, SILVER  
ARTICLES, DOMESTIC METAL WARES, FURNITURES AND HOME APPLIANCES

Vessels : 2702755  
: 2707975  
Electronics : 2703056  
Jewellery : 2702324  
: 2708792  
Furniture : 2708755

E-mail mangalgold@yahoo.com  
25 N S B Road,  
TIRUCHIRAPALLI - 620 002.

Date



The Superintending Engineer,  
Perambalur Electricity distribution circle,  
230/110 kV SS campus  
Perambalur-621220.

Date : 25.06.2025

*Received 3 set of  
undertakings  
for  
26/06/25  
SEE/sch.*

Dear Sir,

Sub : Establishment of 5MW Solar PV Project at Sf. Of Peraiyur Village, Veppathattai Taluk, Perambalur district for Captive use under Non-REC Scheme through Intrastate open access system – Submission of Undertaking Document for National Highways approval – Reg

Ref: Lr. No: L22/002309-1F.M/s.Mangal & Mangal – 5 MW/D.169/25, Dt:14.03.2025

with reference to the above, We have submitted the undertaking letter for NFR points No. 4, 21, and 30 on ₹500/- non-judicial stamp paper to the EDC office (SE), related to the 33 kV tower installation procedure. We hereby accept the conditions and agree to the stated terms for obtaining connectivity at the 33 kV level at the 110/33-22-11 kV Mangalamedu substation.

Thanking you,

Yours truly,

For MANGAL &amp; MANGAL,



Authorized Signatory

Branch, No.6 Omalur Main Road, SALEM - 636 009. ☎ 0427 - 2702324, 2702755

Undertaking / safety certificate on Guarding

I/We undertake that the HT OH lines provided along the National Highways are laid according to the relevant safety regulations and we shall provide suitable guarding in the section at km.253/940 in Ulundurpet – Padalur section of NH 45 (New NH 38) for preventing risk of the live wires falling during strong coastal winds.

Received the  
Undertaking

  
26/6/25  
**EXECUTIVE ENGINEER**  
OPERATION & MAINTENANCE,  
TANGEDCO,  
PERAMBALUR.

for MANGAL & MANGAL

  
Authorised Signatory

Undertaking / safety certificate on Minimum horizontal clearance

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

Received the  
undertaking.

*K. S. S. S. S.*  
26/1/25

EXECUTIVE ENGINEER  
OPERATION & MAINTENANCE,  
TANGEDCO,  
PERAMBALUR.

Dr MANGAL & MANGAL

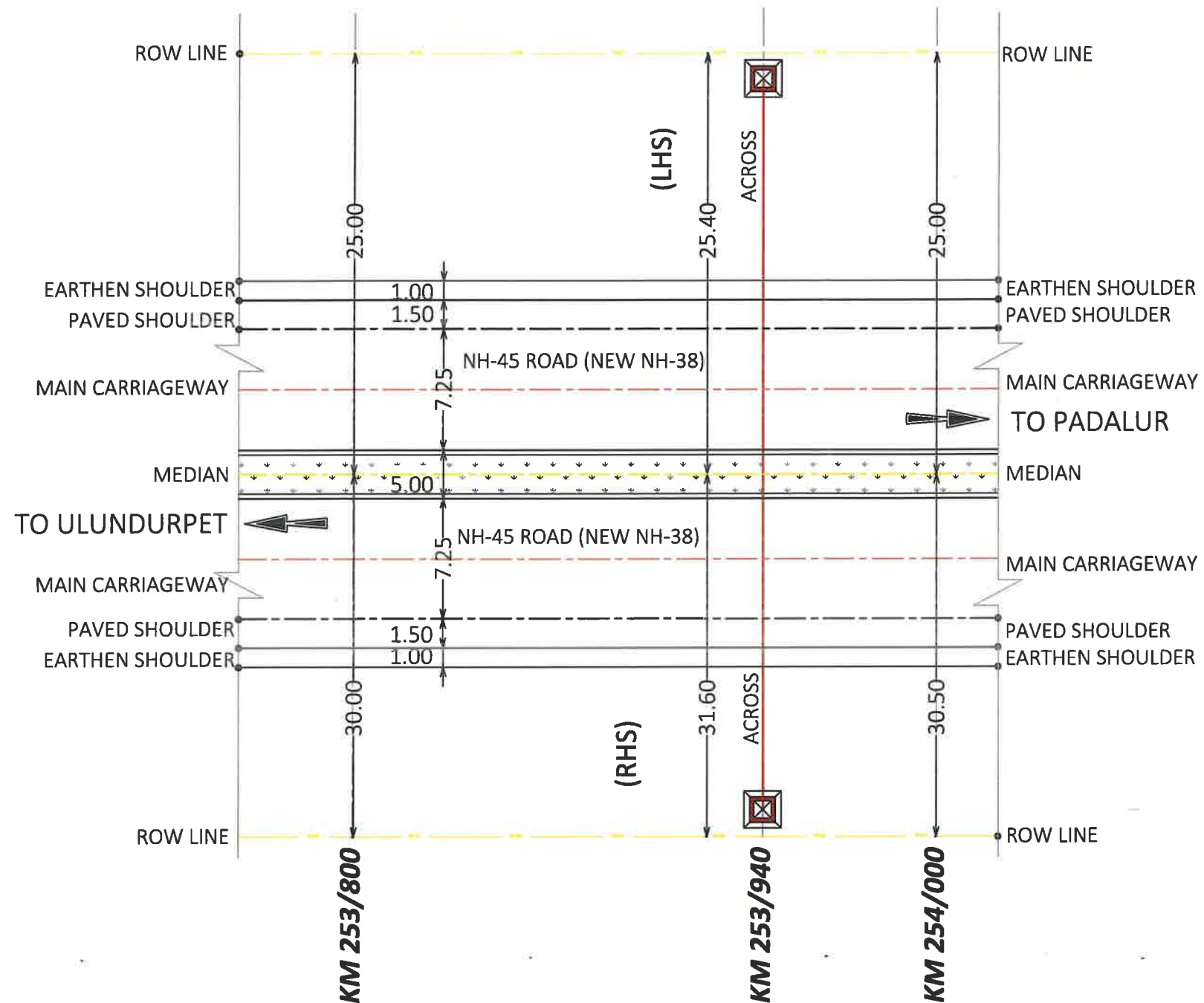
*M. S. S.*  
Authorised Signatory



25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002.



## ERECTION OF 33 KV ELECTRICAL OVERHEAD LINE WITH BABY TOWER





## NH-45 ROAD (NEW NH-38) (ULUNDURPET TO PADALUR SECTION)

ACROSS @ KM 253/940

SCALE - N T S

## LEGENT:

- - PROPOSED EB CABLE
-  - PROPOSED BABY TOWER
- == - BT ROAD
- - CENTER LINE OF ROAD
- - BOUNDARY (ROW)
-  - BRIDGE / CULVERT

## APPLICANT:

Y.VENU GOPALA RAO  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Trichy - Tamil Nadu

FOR

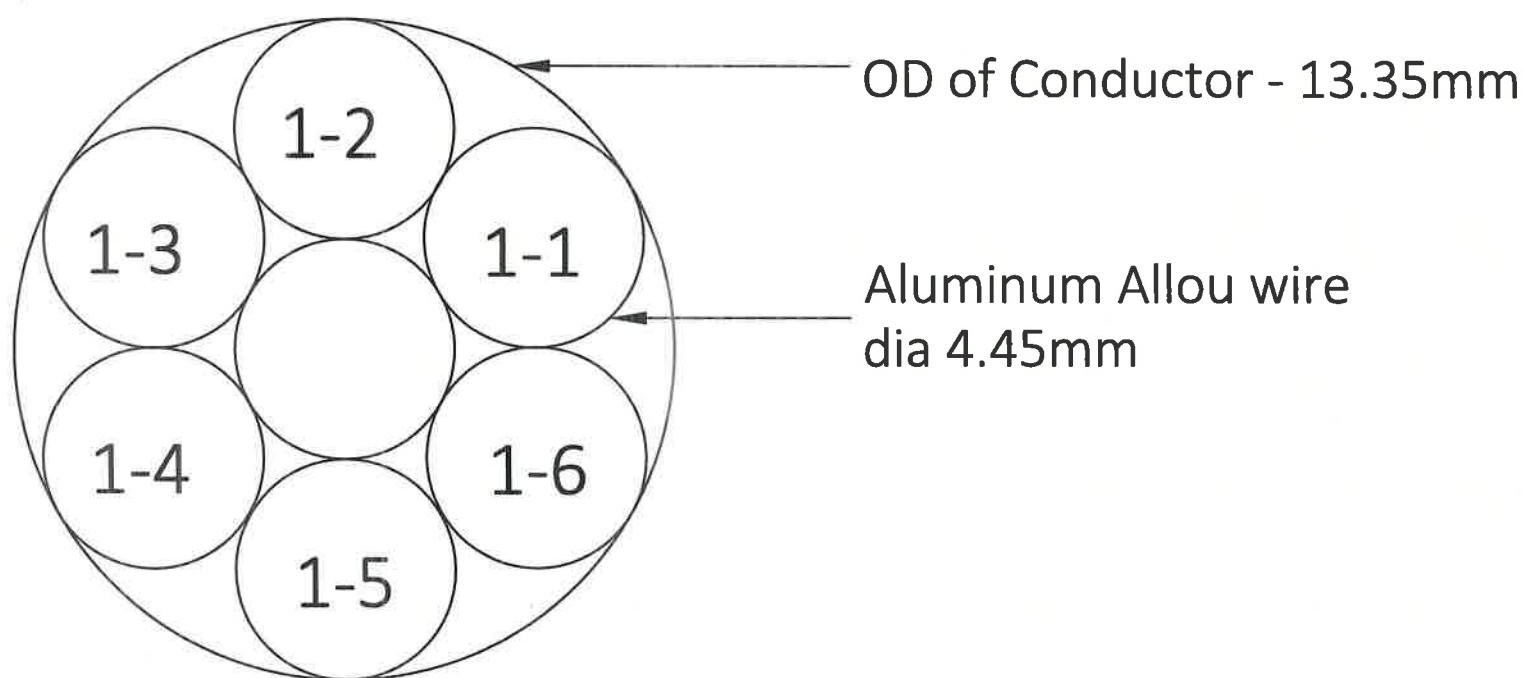


M/s. MANGAL &amp; MANGAL

25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002.

S.R. Feedback/EE

CROSS SECTION DRAWING FOR  
AL 59 DOG CONDUCTOR:7/4.45MM



A-N-Phane [Signature]  
[Stamp: National Highways Authority of India, PIU, Trichy-620 001]

APPLICANT:

[Signature]  
**Y.VENU GOPALA RAO**  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Trichy - Tamil Nadu

For



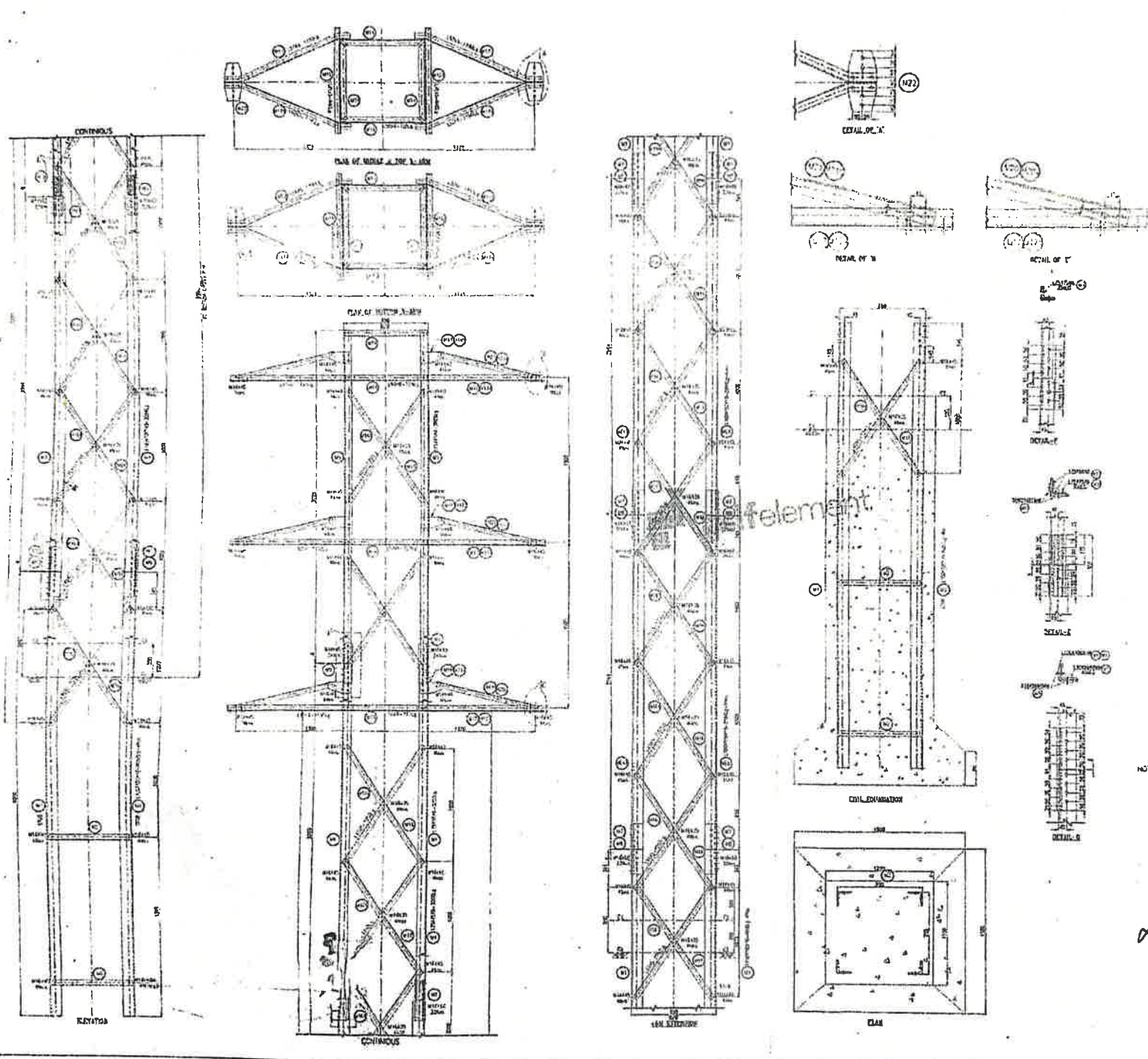
**M/s. MANGAL & MANGAL**  
25, N.S.B. ROAD, TIRUCHIRAPALLI - 620 002.

1360 05.10.25

3.R.L. [Signature]  
FEEDBACK/EE



LS NO 1360 05-10-07-05



BILL OF MATERIAL									
S.NO	PART NO	SECTION	LENGTH	WIDTH	THICK	WEIGHT PER PIECE(Kg)	QTY	TOTAL WEIGHT	
STEEL									
1	MA-1	1. 1000x100x10	4000		13.0	63.00	4	240.00	
2	MA-2	1. 1000x100x10	710		3.4	2.40	8	18.72	
3	MA-3	1. 1000x100x10	1250		3.4	4.23	4	16.92	
4	MA-4	1. 1000x100x10	1250		3.4	4.23	4	16.92	
HARDWARE									
M 16x100 Lg Bolts & Nuts						0.137	30	4.11	
M 16x100 Lg Bolts & Nuts						0.116	12	1.39	
M 16x100 Lg Bolts & Nuts						0.149	54	8.05	
M 16x100 Lg Bolts & Nuts						0.029	103	2.98	
SUPER STRUCTURE									
1	MA-5	1. 1000x100x10	3354		15	50.91	4	203.64	
2	MA-6	1. 1000x100x10	3350		8.8	30.40	4	121.60	
3	MA-7	1. 1000x100x10	3350		5.8	17.55	4	70.19	
4	MA-8	1. 1000x100x10	3350		3.1	7.75	12	30.30	
5	MA-9	1. 1000x100x10	1250		3.4	4.25	31	131.75	
6	MA-7	1. 1000x100x10	450		10.8	4.92	4	19.70	
7	MA-8	1. 1000x100x10	450	75	62.8	2.15	8	17.17	
8	MA-9	1. 1000x100x10	350		8.8	3.47	4	13.88	
9	MA-10	1. 1000x100x10	350	50	47.1	0.84	8	6.71	
11	MA-11	1. 1000x100x10	710		6.5	3.20	4	12.79	
12	MA-14	1. 1000x100x10	720		5.5	3.26	12	39.15	
13	MA-15	1. 1000x100x10	720		1.4	1.30	3	3.90	
14	MA-15	1. 1000x100x10	720		2.4	3.30	3	9.90	
15	MA-17	1. 1000x100x10	1190		5.5	5.46	6	32.73	
16	MA-17X	1. 1000x100x10	1190		6.5	5.46	6	32.73	
17	MA-17X	1. 1000x100x10	220	120	44.1	0.38	1	0.38	
18	MA-17X	1. 1000x100x10	330	100	47.1	0.34	8	2.68	
19	MA-21	1. 1000x100x10	975		3.4	3.32	6	19.89	
20	MA-21X	1. 1000x100x10	975		3.4	3.32	6	19.89	
21	MA-21	1. 1000x100x10	340	150	47.8	0.30	6	1.80	
HARDWARE									
M 16x100 Lg Bolts & Nuts						0.137	740	101.68	
M 16x100 Lg Bolts & Nuts						0.116	180	20.88	
M 16x100 Lg Bolts & Nuts						0.149	75	11.08	
M 16x100 Lg Bolts & Nuts						0.029	400	11.60	
M 16x100 Lg Bolts & Nuts									
M 16x100 Lg Bolts & Nuts						0.137	740	101.68	
M 16x100 Lg Bolts & Nuts						0.116	180	20.88	
M 16x100 Lg Bolts & Nuts						0.149	75	11.08	
M 16x100 Lg Bolts & Nuts						0.029	400	11.60	
M 16x100 Lg Bolts & Nuts									
M 16x100 Lg Bolts & Nuts						0.137	740	101.68	
M 16x100 Lg Bolts & Nuts						0.116	180	20.88	
M 16x100 Lg Bolts & Nuts						0.149	75	11.08	
M 16x100 Lg Bolts & Nuts						0.029	400	11.60	
M 16x100 Lg Bolts & Nuts									
M 16x100 Lg Bolts & Nuts						0.137	740	101.68	
M 16x100 Lg Bolts & Nuts						0.116	180	20.88	
M 16x100 Lg Bolts & Nuts						0.149	75	11.08	
M 16x100 Lg Bolts & Nuts						0.029	400	11.60	
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**Annexure-I****Conditions to be enclosed/incorporated in the approval letter for permission for erection of 33KV Electrical Overhead Line with Baby Tower**

1. The erection of 33KV Electrical Overhead Line with Baby Tower shall be located as close to the extreme edge of the right-of-way as possible but not less than 15 meters from the centre-lines of the nearest carriageway.
2. The erection of 33KV Electrical Overhead Line with Baby Tower shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NH/Government of India.
3. The erection of 33KV Electrical Overhead Line with Baby Tower shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. These should be so erect that their top is at least 11 meter above the existing road.
5. The authority/ owner of the underground utility shall ensure that erect an eclectic cable carrying high tension lines should not have any deleterious effects on any of the bridge components and roadway safety for traffic.
6. The lines shall cross the National Highways preferably on a line normal to it or as nearly so as practicable.
7. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters.
8. The erection of 33KV Electrical Overhead Line with Baby Tower is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.
9. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.
10. The top pf the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.
11. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall only be permitted where the existing road pavement is of cement concrete or dense bituminous concrete type.
12. The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.
13. Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)
  - (a) The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.
  - (b) Filling of the trench shall conform to the specifications contained herein below.





- (c) Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.
  - (d) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.
  - (e) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
  - (f) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
  - (g) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.
14. If needed, a diversion shall be constructed at the expense of agency owning the erection of 33KV Electrical Overhead Line with Baby Tower.
  15. Prior approval of the NH shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the erection of 33KV Electrical Overhead Line with Baby Tower located in the National highway right-of-ways.
  16. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the erection of 33KV Electrical Overhead Line with Baby Tower will be borne by the agency owning the erection of 33KV Electrical Line with Pole.
  17. If the NH considers it necessary in future to move the erection of 33KV Electrical Overhead Line with Baby Tower for any work of improvement of repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the erection of 33KV Electrical Overhead Line with Baby Tower within a reasonable time (not exceeding 60 days) of the intimation given.
  18. The licensee shall ensure making good the excavated trench for laying cables by proper filling and compaction, so as to restore the land in to the same conditions as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
  19. The licensee shall furnish a Bank Guarantee to the NH @ Rs...../- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NH to the licensee for clearing debris/loose earth.

*Handwritten signature*



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

*[Handwritten Signature]*



31. The NH has a right to terminate the permission or to extend the period of agreement. In case the licensee wants shifting, repairs or alteration to telecom cables/ducts, he will have to furnish a separate bank guarantee.
32. The licensee shall not without prior permission in writing from the NH Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said telecom cables/ducts.
33. The permission granted shall not in any way be deemed to convey to the licensee any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
34. During the subsistence of this agreement, the laying erection of 33KV Electrical Line with Pole/ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NH so that the right of the licensee to the use thereof shall not become absolute and indefeasible by laps of time.
35. The licensee shall bear the stamp duty charged for the agreement.
36. The erection of 33KV Electrical Overhead Line with Baby Tower shall not be brought in to use by the licensee unless a completion certificate to the effect that the erection of 33KV Electrical Overhead Line with Baby Tower has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
37. Not with standing anything NH contained herein this agreement may be cancelled at any time by the or breach of any condition of the same and the licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
39. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of licensee.
40. After the termination/expiry of the agreement, the licensee shall remove the cables/ducts within 60 days and the site shall be brought back to the original condition failing which the licensee will lose the right to remove the cables/ducts. However, before taking up the work of removal of cables the licensee shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.
41. If NH is required to do some emergent work the licensee will provide an observer within 24 hours. NH will not be responsible for any damage of any kind by what so ever means natural or otherwise.
42. The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope.
43. Strict compliance of the following by the Divisional Engineer:
  - a) If the licensee fails to inform the commencement of laying of erection of 33KV Electrical Overhead Line with Baby Tower 15 days before the actual start of the work at site the agreement should be null and void.





- b) It is to be intimated to the HQ that, actual work has already been started at the site as per the provision of the agreement and the conditions stipulated in the Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995 and Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.
- c) An interim execution progress report /status report shall be submitted to NH HQ after one month of the start of the work at site, regarding the satisfactory progress of the laying of erection of 33KV Electrical Line with Pole, as per the specification/stipulation and the alignment as approved.
- d) The final completion certificate shall be issued/submitted by DE to the HQ to the effect that, the work has been completed to the entire satisfaction of the Divisional Engineer and there were no violation of any condition / stipulation contained in the agreement, Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 and the approved plan.
- e) To obtain a performance bank guaranty @ Rs. ..../- per running meter of NH and Rs.1,00,000/- per crossing of NH from the licensee to safe guard the interest of NH.
- f) Proposal for permission along NH Sections which are proposed to be taken up by NH for development through private sector participation on BOT basis, following clause should be inserted in the agreement.
- " The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of ----- section from Km -----to Km -----of NH No----- on Build, Operate and Transfer Basis and therefore, the licensee shall honour the same."*
- g) A register of records of the permissions accorded has to be maintained by the DE in the prescribed proforma (copy enclosed)
- h) Chief Engineer is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant, on behalf of NH.

> *K. K. K.*

