



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

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

क्षेत्रीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,
रानीगरीतोटा, कृष्णालंका, विजयवाड़ा - 520 013, आंध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS No. : 373/2A, Kodandaramalayam, Chalasani Nagar,
Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh

फोन / Tele : 0866 -2483910, ई-मेल / E-mail : rovijayawada@nhai.org, nhairovja@gmail.com
वेब / Web : www.nhai.gov.in



Ref: NHAI/RO-VJA /PIU-KDP/NH-544G/132/Crossing/ 2957

Dt: 18.10.2024

To

The Sr. Technical Director,
NIC, Transport Bhawan,
New Delhi- 110001.

Sub: NHAI, RO - Vijayawada - Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch.45+700) to Odulapalle (Ch.72+000) of Bengaluru - Vijayawada Economic Corridor of NH-544G on HAM Mode under Bharatmala Pariyojana Phase-I in the state of Andhra Pradesh (Package-3) - APTransco - Erection of proposed 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula village, Mudigubba Mandal between Km.58+400 to 58+500- Public comments - Reg.

Sir,

Please find enclosed herewith a proposal submitted by M/s. APTRANCO for according permission for erection of proposed 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula village, Mudigubba Mandal between Km.58+400 to 58+500.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22nd November 2016, the application along with the recommendations of PD, PIU-Kadapa & notice inviting public comments are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

Encl: As above

Yours faithfully,

(R.K. Singh, IES)

CGM (Tech.) & Regional Officer



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

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

क्षेत्रीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलसानी नगर,
रानीगरीतोटा, कृष्णालंका, विजयवाड़ा - 520 013, आंध्र प्रदेश

Regional Office :D.No. 41-29-45A, RS No. : 373/2A, Kodandaramalayam, Chalasani Nagar,
Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh

फोन / Tele : 0866 -2483910, ई-मेल / E-mail : rovijayawada@nhai.org, nhairovja@gmail.com
वेब / Web : www.nhai.gov.in



Ref: NHAI/RO-VJA /PIU-KDP/NH-544G/132/Crossing/ 2950

Dt: 18.10.2024

INVITATION OF PUBLIC COMMENTS

Sub: NHAI, RO - Vijayawada - Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch.45+700) to Odulapalle (Ch.72+000) of Bengaluru - Vijayawada Economic Corridor of NH-544G on HAM Mode under Bharatmala Pariyojana Phase-I in the state of Andhra Pradesh (Package-3) - APTransco - Erection of proposed 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula village, Mudigubba Mandal between Km.58+400 to 58+500- Public comments - Reg.

Please find enclosed herewith a proposal submitted by M/s. APTRANCO for according permission for erection of proposed 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula village, Mudigubba Mandal between Km.58+400 to 58+500.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22nd November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

3. In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

**Regional Officer - Vijayawada,
National Highways Authority of India,
Regional Office, Dr. No.41-29-45A, R. S. No.373/2A
Near Kodandaramalayam, Chalasani Nagar,
Ranigarithota, Krishnalanka, Vijayawada - 520 013.
Email: rovijayawada@nhai.org**

(R.K. Singh, IES)
CGM (Tech.) & Regional Officer



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, #1/441/16, लक्ष्मी टावर्स के पीछे,
नए आर.टी.सी बस स्टैंड के पास, कड़पा - 516 001, वाई.एस.आर जिला, आंध्र प्रदेश

Project Implementation Unit, #1/441/16, Behind Lakshmi Towers, Maruthi Nagar,
Near RTC Bus Stand, KADAPA - 516 001, YSR District, Andhra Pradesh.

ई-मेल/e-mail: piukadapa@nhai.org, kadapanhai@gmail.com; वेब/web: www.nhai.gov.in



NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/16603

Date 10.10.2024

To

The Regional Officer,
National Highways Authority of India,
Door No.41-29-45A, R.S.No.373/2A,
Near Kodandaramalayam, Chalasani Nagar,
Ranigarithota, Krishnalanka,
VIJAYAWADA - 520 013.

Sub: NHAI, PIU-Kadapa - Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch.45+700) to Odulapalle (Ch.72+000) of Bengaluru - Vijayawada Economic Corridor of NH-544G on HAM Mode under Bharatmala Pariyojana Phase-I in the state of Andhra Pradesh (**Package-3**) - APTransco - Erection of proposed 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula village, Mudigubba Mandal between Km.58+400 to 58+500 - **Request for approval - Reg.**

Ref: (i) Concessionaire Letter No. Raj Path/Site/BV/Pkg-3/554/2024-25 dated 04.10.2024
(ii) IE- Letter No.IE/DGKCSPL/NH-544G/RPINP3PL/Pkg-3/2023-24/153 dated 01.10.2024
(iii) T/o. Letter No. NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/16397 dated 17.9.2024
(iv) EE, Const. Division, APTransco, Anantapuramu Letter No. EE/Construction Division/ ATP/AEE.T/F.No./D.No.833/2024 dated 10.09.2024
(v) T/o. Letter No.NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/16183 dated 17.08.2024
(vi) IE -Letter No.IE/DGKCSPL/NH-544G/RPINP3PL/Pkg-3/2024-25/121 dated 14.08.2024
(vii) Concessionaire Letter No. Raj Path/Site/BV/Pkg-3/421/2024-25 dated 12.08.2024
(viii) T/o. Letter No. NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/15784 dated 17.08.2024
(ix) EE, Construction Division APTransco, Anantapuramu Letter No. EE/Const.Divn/ATP/ AEE.T/F.No.Mudigubba/D. No.624/2024 dated 03.07.2024

Sir,

This has reference to the letter under reference (ix) cited above vide which the Executive Engineer, APTransco, Anantapuramu has submitted the proposal for crossing of 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli near Malakavemula village, Mudigubba Mandal between Km.58+400 to Km.58+500 of the subject project.

2. The said proposal was referred to the Independent Engineer and the Concessionaire of the project vide letter under reference (viii) cited above for their recommendation.

3. The IE & Concessionaire vide letters under reference (vi) & (vii) cited above have submitted the report on the subject proposal.

Contd.... 2

Ay

4. The same has been reviewed in this office and communicated certain observations to the applicant, Concessionaire and Independent Engineer vide letter under reference (v) cited above (copy enclosed) for compliance.

5. The Executive Engineer, APTransco, Anantapuramu has submitted compliance to the observations vide letter under reference (iv) cited above. The same has been reviewed by the Independent Engineer and the Concessionaire of the subject project and the reports submitted by the IE & Concessionaire vide letters under reference (i) & (ii) cited above are enclosed herewith.

6. As per the recommendation of the Independent Engineer and the Concessionaire, the proposal has been verified in this office and the following are submitted -

(i) Location of 132KV DC line crossing is between 58+400 to Km.58+500 of NH-544G from LHS to RHS near Malakavemula Village.

(ii) The available RoW is 35m from the center line for both sides. The Executive Engineer, APTransco has proposed laying the utility line 52m beyond the NHAI ROW on LHS and 140m beyond the NHAI RoW on RHS.

(iii) As para no.2.1 of MoRTH circular no.NH-III/P/20/77 dated 08.04.1982, *"The tower should be 10m away from the edge of the existing shoulders of the extreme traffic lane and the Pylons of HT lines along crossing the road should be located outside of the NH Land"*.

(iv) As per Para 5.1 of IRC: 32-1969, "The towers should be at minimum distance of 5m from the nearest line of Avenue trees".

(v) The proposed Transmission Lines should be laid as per the drawing/sketch enclosed and as per the MORT&H guidelines. Vertical clearance from the Road Top level to the bottom point of the lowest conductor should be 12.84m (in all seasons) as specified in the application.

(vi) EE, APTransco, Ananthapuram would take responsibility in case of any accidents or any incidents due to lack of safety measures on National Highway during the execution of the above-mentioned work.

7. In view of the above observations, the Horizontal & Vertical clearances are satisfying as per the IRC Guidelines and permission can be granted.

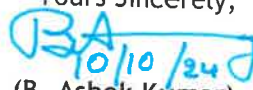
8. The applicant/executing agency has to provide all the necessary safety arrangements and traffic management as per IRC: SP: 55-2014 during execution. Prior intimation has to be given to NHAI, Concessionaire and IE regarding the start of the work.

9. As per the Checklist recommended by IE & Concessionaire, Utility is crossing the Project Highway at an angle of 87° 17'40".

10. The Executive Engineer, APTransco, Ananthapuram vide letter dated 10.09.2024 has informed that the proposed electrical line is for public purpose.

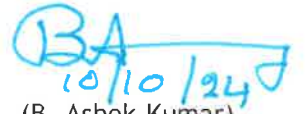
11. As per Cl.5.2 of MORT&H Guidelines dated 24.04.2023 stating that, "License fee for Public Utilities shall be equal to utilized NH land area X prevailing circle rate of land per unit area X 1.5% per annum, subject to minimum of Rs.10,000, with 6% annual increment. Utilized NH Land area shall include area of support system / tower but not include projection of utility on ground".
12. In this regard, the applicant vide letter under reference (iv) cited above has informed that, "The present crossing proposals are for public utility and the towers are proposed outside the boundaries of National Highway as furnished in the check list. It is clear that the support system is placed outside the boundary of NH land area, the projections such as Panther conductor and earthwire only will pass through the proposed National highway through overhead. Hence the License Fees does not arise".
13. Based on the guidelines dated 24.04.2023, PIU is opined that the License Fee for the subject proposal under Public Utility may not be applicable.
14. As per CEA guidelines, 2023, minimum Vertical clearance required for 132KV DC line is 11.60m. The proposed EHT line is having Vertical clearance of 12.84m & Horizontal clearance of 52m from LHS and 140m from RHS RoW of NH-544G respectively.
15. The Executive Engineer, APTransco, Ananthapuram has submitted the following -
- (i) Undertaking to pay or compensate for any damages caused to the NHAI property.
 - (ii) Undertaking to ensure compliance of all safety norms during stringing work.
 - (iii) Undertaking to ensure the traffic movement during stringing work.
 - (iv) Undertaking to relocate the transmission lines at their own cost during the 6-laning or further development works of Vijayawada - Bangalore section.
 - (v) Undertaking to submit required license fee.
 - (vi) Undertaking to follow the provisions of IRC:32-1969, CEA Regulations/Statutory provisions of Indian electricity rules and other relevant guidelines issued.
 - (vii) Indemnity against all damages and claims.
 - (viii) All necessary undertakings.
 - (ix) Methodology of carrying out the stringing.
 - (x) Plan showing the crossing of 132KV DC line.
 - (xi) Cross section of the road showing electrical line crossing proposed between Km.58+400 & Km.58+500 of NH-544G.
 - (xii) Detailed crossing of 132KV DC line proposed between Km.58+400 & Km.58+500 of NH-544G near Malakavemula village, Mudugubba Mandal, Sri Satya Sai District, Andhra Pradesh.
 - (xiii) Draft Agreement for laying of utility services.
 - (xiv) Checklist for getting approval for laying of utility services (duly signed by the APTransco Authorities, IE, Concessionaire and Project Director).
16. In view of the above, it is recommended that necessary approval may please be accorded to APTransco for crossing of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli between Km.58+400 to Km.58+500 of NH-544G near Malakavemula village, Mudugubba Mandal, Sri Satya Sai District, Andhra Pradesh.

Encl: As above

Yours Sincerely,

(B. Ashok Kumar)
DGM (Tech.) & Project Director

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for approval towards crossing of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli between Km.58+400 to Km.58+500 of NH-544G near Malakavemula village, Mudugubba Mandal, Sri Satya Sai District, Andhra Pradesh and confirm that all the standard conditions issued vide Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and MoRT&H guidelines no. NH-36094/01/2022-S&R (P&B) (E-208825) dated 24.04.2023 has been followed.
2. It is certified that the proposed crossing of overhead HT line will not adversely affect the design, stability and traffic safety of the Highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc., as the overhead HT transmission line crossing is proposed at 52m (LHS) and 140m (RHS) from the RoW.
3. The Independent Engineer M/s. M/s Dhruv Consultancy Services Limited in JV with M/s.G-Eng Advisory Services Private Limited and in association with M/s Kaius Consulting Private Limited of the project verified at site and has recommended the proposal vide letter no. IE/DGKCSP/L/NH-544G/RPINP3PL/Pkg-3/2023-24/153 dated 01.10.2024.
4. The Concessionaire of the Project M/s.Raj Path Infracon NH-544G PKG-3 Private Limited has given comments vide letter no. Raj Path/Site/BV/Pkg-3/554/2024-25 dated 04.10.2024.
5. It is certified that, there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location".
6. It will be ensured through the Independent Engineer for the project for supervision of the work of HT line crossing and ensure that the defects in road portion after laying of utility are corrected.
7. The proposed permission will be entered into the Register of Records.
8. No approvals are accorded for HT line crossing.


10/10/24

(B. Ashok Kumar)

DGM (Tech.) & Project Director

RAJ PATH INFRACON NH-544G PKG-3 PRIVATE LIMITED

Registered Office: Office No. 1302, 1303 and 1304, 13th Floor, C-Wing, Amar Business Zone, Veerbhadra Nagar, Baner, Pune – 411 045
Email: tech@rajpathinfra.com | Tel: 020-25636060
CIN: U42101PN2023PTC218556

Raj Path/Site/BV/Pkg-3/554/2024-25

Date: 04.10.2024

To,
Project Director,
National Highway Authority of India
PIU, Kadapa, YSR Kadapa District,
Andhra Pradesh.

NHAI-PIU, KADAPA	
Inw.	28540
Date	04/10/24
Mgr-1	Mgr-2
SE-1	SE-2
SE-3	SE-4
LAO	PA/ST/NO
ACC	IT
YF	YF

Subject:- Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch. 45+700) to Odulapalle (Ch. 72+000) of Bengaluru - Vijayawada Economic Corridor on HAM Mode under Bharatmala Pariyojana Phase-I in the State of Andhra Pradesh (Package-3) - **Construction of proposed 132 K D/C transmission line at crossing of proposed Green field eonoir corridor of NH-544G near Malaka Vemula , Mudigubba mandal between KM 58+400 to 58+500 of NH -Reg.**

Ref:- i) . EE/Const.Divn/ ATP/ AEE.T/F.NO.Mudigubba/D.No 624/2024, Dt: 03.07.24
ii)NHAI/PIU-KDP/1006/1/2024/NH-544G/PKG-3/Utilities/15784, Dt: 04.07.24

Dear Sir,

This is in response to the letter, cited at ref.01 regarding the permission for Constrution of 132 KV D/C Transmission line from Kothapally to Mudigubba near Malaka Vemula village Mudigubba mandal - 132KV transmission line at KM 58+400 to 58+500 of NH-544G.

The concessionaire has examined the site jointly along with IE & APTRANSCO representative on dated 19.09.2024. The detailed observations are as follows: -

- 1) Location of 132 KV crossing at NH-544G is at KM-58+450
- 2) The Concessionaire has been verified as per drg. submitted by the Executive Engineer APTRANSCO vide letter under ref. no. EE/Const.Divn/ ATP/ AEE.T/F.NO.Mudigubba/D. No 624/2024, Dt.:03.07.2024 and observed that the distance between both the towers is 262 Mtrs.
- 3) The available ROW of NH-544G is 132 mtr. Including loops and ramps.
- 4) The distance between two towers is 78 Mtr from ROW on RHS Side and 52 Mtrs from ROW on LHS side which will not affect the future widening of NH-544G.
- 5) As per para no. 2.1 of MoRTH circular no. NH-III/P/20/77 dated 8.04.2082, the tower should be at least 10 to 12 mtr away from the edge of the existing shoulder of the extreme traffic lane and the Pylons of EHT lines along the crossing of main carriageway should be located outside of the proposed ROW of the project highway"
- 6) In accordant of para 5.1 of IRC 32:1969, "The towers should be at minimum distance of 5 Mtr from the nearest line of Avenue trees"
- 7) I had been observed from the drawing that the vertical clearance between the carriageway crown and the lowest point of overhead conductor shall be 12.8 mtr

- 8) The utility owing authority i.e. APTRANSCO Ltd. Would be taken the further responsibilities in case of any accidents or any incidence due to lack of safety measure on the proposed NH 544G green field economic corridor during the execution of the above said works

This is for your kind information and necessary action please

Thanking you and assuring you our best attention all times, we remain.

Prashant

Yours Faithfully,
For RAJ PATH INFRACON NH-544 G PKG-3 PVT. LTD.
Prashant Chavan,
(Authorized Signatory)

Enclosure: Check list and Observation report

Copy to:

1. The Regional Officer, NHAI, RO, Vijayawada.
2. Team Leader, Independent Engineer, Dhruv Consultancy Services Limited Joint Venture with G-Eng Advisory Services Pvt. Ltd. Associate with Kaius Consulting Pvt. Ltd.



Dhruv Consultancy Services Ltd.
Joint Venture with
G-Eng Advisory Services Pvt. Ltd.
Associate with
Kaius Consulting Pvt. Ltd.

501, Plot No. 67, Pujit Plaza, Opp. K - Star Hotel,
Sector-11, C.B.D. Belapur, Navi Mumbai - 400 614
Telefax No. +91 22 27570710, Mobile: - +91
9619497305 Website: www.dhruvconsultancy.in
Email ID: info@dhruvconsultancy.in,
services@dhruvconsultancy.in
GIN No. L74999MH2003PLC141887

Letter No. IE/DGKCSPL/NH-544G/RPINP3PL/Pkg-3/2023-24/153

Date: 01-10-2024

To,
The Project Director,
Project Implementation Unit - KADAPA,
D. No. 1/441/16, Behind Lakshmi Towers,
Maruthi Nagar, Near RTC Bus Stand,
KADAPA - 516 001, YSR District, Andhra Pradesh.
E-mail: kadapanhai@gmail.com

CRS Received
09/10/24
(By Post)

NHAI-PIU, KADAPA	
Inw.	26429
Date	03.10.24
Mgr-1	Mgr-2
SE-1	SE-2
SE-3	SE-4
LAQ	PA/Steeno
	YHE

Sub : Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch. 45+700) to Obulapalle (Ch. 72+000) of [NH-544G] Bengaluru - Vijayawada Economic Corridor on HAM Mode under Bharatmala Pariyojana Phase-1 in the state of Andhra Pradesh (Package-3): AP Transco - Erection of Proposed 132 KV DC/SC line to proposed 132/33 KV SS Mudigubba from 132 KV LIS Y.Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula, Mudigubba Mandal between Km.58+400 to 58+500 -Submission of recommendations along with signed check list - Reg.,

- Ref:**
- Concessionaire Agreement dated 06.06.2023
 - Concessionaire Appointment dated 02.03.2024
 - Authority Lr. No: NHAI/PIU-KDP/16006/1/2024/NH544G/Pkg3/Utilities/16183, dated 17.08.2024.
 - IE Letter No. IE/DGKCSPL/NH-544G/RPINP3PL/Pkg-3/2024-25/121, dated 14-08-2024
 - Authority Lr. No: NHAI/PIU-KDP/16006/1/2024/NH544G/Pkg3/Utilities/15784, dated 04.07.2024.
 - Concessionaire Lr. No: Raj Path / Site / BV /Pkg-3/ 421/2024-25, dated 12.08.2024.

Dear Sir,

With reference to the above subject matter and the Authority asked for recommendations referred above Vide at Sl. No.(v) for which the Executive Engineer, AP Transco, Ananthapuramu has submitted the proposal for crossing of 132 KV DC/SC line to proposed 132 / 33KV SS Mudigubba from 132 KV LIS Y. Kothapally near Malakavemula village, Mudigubba Mandal between Km.58+400 and Km.58+500 of the subject project.

Accordingly, IE and concessionaire examined the subject proposal as per revised MoRT&H guidelines and submitted the recommendations along with signed check list jointly by the IE and Concessionaire referred above Vide at Sl.No.(iv) for onward recommendation to RO, Vijayawada for approval.

Further, Authority requested in their letter referred Vide at Sl.No.(iii), to sign on all the drawings, check list, photographs of site inspections and photographs are crossing locations. In this connection, AP Transco Authorities, IE and Concessionaire attended for all the above requirements and are enclosed herewith for your kind reference.

The other requirements in the above-mentioned letter which are not in the IE's scope

This is for information and needful action.

Thanking you and always assuring you best of our services.

Yours Sincerely,

P. Jagan Mohan Reddy

Team Leader

For Dhruv Consultancy Services Ltd., Joint Venture with G-Eng. Advisory Services Pvt. Ltd.

Associate with Kaius Consulting Pvt. Ltd.,

Enclosure - As above

Copy to: 1. Concessionaire - RajPath Infracon NH-544G Pkg3 Private Limited - Package-3

2. The Authorized Signatory, Dhruv Consultancy Services Ltd., Joint Venture with G-Eng Advisory Services Pvt. Ltd. Associate with Kaius Consulting Pvt. Ltd.

Check List			
Guidelines for processing the proposal of laying Over Head electrical lines across National Highways vested with NHAI.			
Sl. No.	Item	Information /Status	IE comments
1	General Information		
1.1	Name and Address of the Applicant / Agency	Executive Engineer, Construction Division, APTransco, 33/11KV SS Premises, Bellary road, Anantapuramu.	Executive Engineer, Construction Division, APTransco, 33/11KV SS Premises, Bellary road, Anantapuramu.
1.2	National Highway Number	NH-544G	NH-544G
1.3	State	ANDHRA PRADESH	ANDHRA PRADESH
1.4	Location	Near Malakavemula Village, Mudigubba Mandal, Sri Sathya sai Dist.	Near Malakavemula Village, Mudigubba Mandal, Sri Sathya sai Dist.
1.5	Chainage / Km	Between KM 58+400 and 58+500	Between KM 58+400 and 58+500
1.6	Length in meters	27.00 Mtrs (Crossing overhead)	27.00 Mtrs (Crossing overhead)
1.7	Width of available Row		
	a) Left side from centre line towards increasing chainage /Kms direction	35.5 Mtrs	35.00Mts
	b) Right side from centre line towards increasing chainage /km direction	35.5 Mtrs	35.00Mts
1.8	Proposal to lay the utility line (Over head electrical line)		
	a) Left side from centre line towards increasing chainage /Kms direction	87.5 Mtrs	Tower 58A at a distance 87.5 Mtrs from the center of the Road
	b) Right side from centre line towards increasing chainage /km direction	174.5 Mtrs	Tower 58 at a distance 174.5 Mtrs from the center of the Road
	c) Angle of crossing	87° 17' 40"	87° 17' 40"
1.9	Proposal to acquire the land	Not Required	Not Applicable
	a) Left side from centre line	—	Not Applicable
	b) Right side from centre line	—	Not Applicable
1.10	Whether proposal is in the same side where land is not to be acquired	Not Applicable	Not Applicable
	If not then where to lay the utility line	Not Applicable	Not Applicable
1.11	Details of already laid services, if any along the proposed route	Not Applicable	Not Applicable
1.12	Number of existing lanes (2 / 4 / 6 / 8 lanes) existing	6 lanes (Work under progress)	Not Applicable
1.13	Proposed number of lanes (2 lane with paved shoulders/ 4 / 6 / 8 lanes)	6 lanes (Work under progress)	6 lane Greenfield Highway work is in Progress
1.14	Service Road existing or not, If yes then which side	No	Not Applicable
	a) Left side from centre line		
	b) Right side from centre line		



[Signature]
Resident Engineer
Independent Engineer
BKV-3, NH-544G

[Signature]
Executive Engineer
Construction Division
A P Transco Anantapuramu.

[Signature]
PROJECT DIRECTOR
NHAI, P.I.U. KADAPA.

Check List			
Guidelines for processing the proposal of laying Over Head electrical lines across National Highways vested with NHAI.			
Sl. No.	Item	Information /Status	IE comments
1.15	Proposed Service Road	Yes	Ramps and Loops are proposed at Interchange location
	a) Left side from centre line	Not Applicable	
	b) Right side from centre line	Service road is proposed on right side of the line at R250	
1.16	Whether proposal to lay the utility is after the service road or between the service road and main carriage way	01 No. each tower will be erected on either side of the proposed road and service Road in private lands and line will be strung across and over head to the proposed road	Each Tower shall be erected on either side of the Proposed Greenfield Highway corridor
1.17	Whether carrying of Utility line has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same	Not Applicable	Not Applicable
1.18	Whether carrying of Utility line has been proposed on the parapet / any part of the bridges. If yes, then mention the methodology proposed for the same.	Not Applicable	Not Applicable
1.19	If crossings of the road involved if Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expanses of the agency owning the line.	Yes, 132KV line is crossing over head of the road	Yes 132KV line is crossing 12.84m above from the Finished Road Levels of the Proposed Greenfield Highway
	a) Whether the existing drainage structures are allowed to carry the utility line.	Not Applicable	Not Applicable
	b) Is it on align normal to the NH	Overhead crossing is at 87° 17' 40" to proposed NH	Overhead crossing is at 87° 17' 40" to proposed NH
	c) What is the distance of crossing the utility lines from the existing structures crossing shall not be too near the existing structures on the National Highways. The minimum distance being 15 mts.	No existing Structures	Not Applicable
	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. Mention type of casing	Not Applicable	Not Applicable
	e) Ends of the casing pipe shall be sealed from the outside. So that it does not act as a drainage path.	Not Applicable	Not Applicable



Resident Engineer
Independent Engineer
BKV-3, NH-544G

Executive Engineer
Construction Division
A P Transco Anantapuramu

PROJECT DIRECTOR
NHAI, P.I.U. KADAPA.

Check List			
Guidelines for processing the proposal of laying Over Head electrical lines across National Highways vested with NHAI.			
Sl. No.	Item	Information /Status	IE comments
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of the slope in the fills.	Not Applicable	Not Applicable
	g) The top of the casing/Conduit pipe should be at least 1.20m below the surface of the roads subject to being at least 0.30m below, the drain inverts. Mention the proposed details	Not Applicable	Not Applicable
	h) Mention the methodology proposed for crossing of road for the proposed utility line. Crossing shall be by boring method (HDD)(Trenchless Technology). Specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	Not Applicable	Not Applicable
	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 water way along it.	Not Applicable	Not Applicable
2	Document/Drawings enclosed with the proposal		
2.1	Cross section showing the size of the trench for open trenching method (Is it nominal size of 1.20m deep X 0.3m wide) (i) Should not be greater than 60Cm 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 meters from the centre-lines of the nearest carriage way. (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 0.60 mts below the ground level so as not to obstruct drainage of the road land.	Not Applicable	Not Applicable
2.2	Cross section showing the size of the pit and location of cable for HDD method.	Not Applicable	Not Applicable
2.3	Strip plan/ route plan showing the utility line chainage, width of ROW, distance of proposed utility line from the edge of ROW. Important milestone intersections, cross drainage works etc.	Yes, Enclosed	Yes, Enclosed
2.4	Methodology for laying over head utility line	Enclosed	Yes Enclosed
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, what is the Methodology of refilling of trench.		



Resident Engineer
Independent Engineer
BKV-3, NH-544G

Executive Engineer
Construction Division
A P Transco Anantapuramu

PROJECT DIRECTOR
NHAI, P.I.U. KADAPA.

Check List			
Guidelines for processing the proposal of laying Over Head electrical lines across National Highways vested with NHAI.			
Sl. No.	Item	Information /Status	IE comments
	(a) The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipe.	Not Applicable	Not Applicable
	(b) For filling of the trench bedding shall be to a depth of not less than 30cm. It shall consists of granular material. Free of lumps, clods and cobbles and graded to yield a firm surface in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Not Applicable	Not Applicable
	(c) 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.	Not Applicable	Not Applicable
	(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 removed. Consolidation by saturation or pending will permitted.	Not Applicable	Not Applicable
	(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Shall be taken to avoid the formation of a dip at the trench.	Not Applicable	Not Applicable
	(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	Not Applicable	Not Applicable
	(g) If required a diversion shall be constructed at the expense of agency owning the utility line	Not Applicable	Not Applicable
2.4.2	Horizontal directional drilling method (HDD method)	Not Applicable	Not Applicable
2.4.3	Methodology for laying of the utility line through CD works and method of laying In case where the carrying of utility line on the bridge becomes inescapable	Not Applicable	Not Applicable



Executive Engineer
Construction Division
A P Transco Anantapuramu

PROJECT DIRECTOR
NHAI, P.I.U. KADAPA.

Check List			
Guidelines for processing the proposal of laying Over Head electrical lines across National Highways vested with NHAI.			
Sl. No.	Item	Information /Status	IE comments
3	Draft licensee agreement is signed by two witnesses.	Enclosed	Yes Enclosed
3.1	The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH-33044/29/2015/S&R(R), dated: 22.11.2016 and circular dated 24.04.2023.	Not Applicable as per guidelines vide NH-36094/01/2022-S&R(P&B), Dt. 24.04.2023 at clause 5.2, since the proposed 132KV line support system is placed outside the boundary of NH land area, only the projections such as Panther conductor and earthwire only will pass through the proposed National highway through overhead	As per Clause 5.2 of MORTH guidelines, "License fee for public utility shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 1.5% per annum, subject to minimum of Rs.10,000/-, with 6% annual increment. Utilized NH land area shall include area of support system/tower, but not include projection of utility on ground. However the appropriate decision shall be taken by the Authority
4	Whether Performance bank guarantee as per Ministry's guidelines issued vide circular no. RW/NH-33044/29/2015/S&R(R), Dated 22.11.2016 is obtained.	Not Applicable	Yet to be decided by the Authority as per MoRTH guidelines
4.1	Confirmation of BG has been obtained are not as per MORTH/ NHAI Guidelines	Not Applicable	Yet to be decided by the Authority.
5	Affidavit/ undertaking from the applicant from the following is to be furnished		
5.1	Undertaking not to damage any other utility, If damaged to pay the losses either NHAI or to the concerned agency.	Enclosed	Enclosed
5.2	Undertaking for renewal of BG as when asked by MORTH/ NHAI.	Not Applicable	Yet to be decided by the Authority.
5.3	Undertaking for confirming all standard condition of Ministry circulars and NHAI's Guidelines.	Enclosed	Enclosed
5.4	Undertaking for Indemnity against all damages and claims.	Enclosed	Enclosed
5.5	Undertaking for management of traffic movement during laying utility line without hampering the traffic.	Enclosed	Enclosed
5.6	Undertaking that if any claim is raised by the Concessionaire / Contractor then the same has to be paid by the applicant.	Enclosed	Enclosed
5.7	Undertaking prior approval of NHAI shall be obtained before undertaking any work of installation, shifting or repair of alterations to the utility line located in National Highway right-of-ways.	Enclosed	Enclosed
5.8	Undertaking that expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Enclosed	Enclosed



Resident Engineer
Independent Engineer
BKV-3, NH-544G

Executive Engineer
Construction Division
A P Transco Anantapuramu

PROJECT DIRECTOR
NHAI, P.I.U. KADAPA.

Check List			
Guidelines for processing the proposal of laying Over Head electrical lines across National Highways vested with NHAI.			
Sl. No.	Item	Information /Status	IE comments
5.9	Undertaking that text of the license deed is as per verbatim of MORTH format issued vide ministry's circular number: RW-NH-33044/29/2015/S&R(R) dated: 22-11-2016	Enclosed	Enclosed
5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity. Chief controller of Explosives. Petroleum and Explosive Safety Organization. Oil Industry Safety Directorate. State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration.	Not Applicable	Not Applicable
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility for any work of improvement or repair to the road, it will be carried out as desired by the MoRTH/NHAI at the cost of agency owning the utility line within the reasonable time (not exceeding 60 days) of the intimation given.	Enclosed	Enclosed
5.12	Certificate from the applicant in the following format (i) Laying of utility line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) We do undertaking that we will relocate service road/ approach road/Utilities at my/our own cost notwithstanding the permission granted within such time as will stipulated by NHAI for future six lining or any other development.	Enclosed	Enclosed
6	Who will sign the agreement on behalf of utility line agency	Executive Engineer, Construction Division, APTransco, Anantapuramu.	Executive Engineer, Construction Division, APTransco, Anantapuramu.
6.1	Power of attorney to sign the agreement is available or not.	Competent authority to sign the agreement	Executive Engineer, Construction Division, APTransco, Anantapuramu.



Resident Engineer
Independent Engineer
BKY-3, NH-544G

V. su
Executive Engineer
Construction Division
A P Transco Anantapuramu

BA
PROJECT DIRECTOR
NHAI, P.I.U. KADAPA.

Check List			
Guidelines for processing the proposal of laying Over Head electrical lines across National Highways vested with NHAI.			
Sl. No.	Item	Information /Status	IE comments
7	The project director will submit the following certificates.		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide Ministry's circular number: RW/NH/33044/29/2015/S&R(R) dated 22-11-2016.	Yes	The Authority shall submit
7.2	<p>Certificate from PD in the following format</p> <p>(i) It is certified that any other location of the utility line would be extremely difficult and unreasonable costly and the crossing of utility line across 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.,</p> <p>(ii) For 6-fanning</p> <p>(a) Where feasibility is available</p> <p>"I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structure at the said location"</p> <p>(b) In case feasibility report is not available</p> <p>"I do certify that sufficient ROW at site for accommodating proposed 6 lining"</p>	Yes	The Authority shall submit
8	If NH section to be proposed to be taken up by NHAI on BOT basis a clause is to be inserted in the agreement. The permitted highway on which licensee has been granted the right to lay utility line/ duct has also been granted as a right of way to the concessionaire under the concession agreement for upgrading of (..... Section from Km..... to Km..... of NH No:-..... on Build Operate and Transfer basis) and the licensee shall honour the same.	Not Applicable	Not Applicable
9	Who will supervise the work of laying of utility line		
	a) On behalf of the applicant	Executive Engineer, Construction Division, APTransco, 33/11KV SS Premises, Bellary road, Anantapuramu.	Executive Engineer, Construction Division, APTransco, 33/11KV SS Premises, Bellary road, Anantapuramu.
	b) On behalf of MORTH/NHAI	Project Director, PIU, NHAI, Kadapa.	Project Director, PIU, NHAI, Kadapa.
10	Who will ensure that the defects in road portion after lying of utility line are corrected and if not corrected then what action will be taken.		



[Signature]
Resident Engineer
Independent Engineer
PKG-3, NH-544G

[Signature]
Executive Engineer
Construction Division
A P Transco Anantapuramu.

[Signature]
PROJECT DIRECTOR
NHAI, P.I.U, KADAPA.

Check List			
Guidelines for processing the proposal of laying Over Head electrical lines across National Highways vested with NHAI.			
Sl. No.	Item	Information /Status	IE comments
	a) On behalf of the applicant	Executive Engineer, Construction Division, APTransco, 33/11KV SS Premises, Bellary road, Anantapuramu.	Executive Engineer, Construction Division, APTransco, 33/11KV SS Premises, Bellary road, Anantapuramu.
	b) On behalf of NHAI	Project Director, PIU, NHAI, Kadapa.	Project Director, PIU, NHAI, Kadapa.
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire		
	On behalf of applicant	Executive Engineer, Construction Division, APTransco, Anantapuramu.	Executive Engineer, Construction Division, APTransco, Anantapuramu.
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed Proforma (copy enclosed)	—	Action may be taken by the Authority
13	If any previous approval is accorded for laying of utility line then photocopy of register of records of permission accorded (as maintained by PD) be enclosed.	—	Action may be taken by the Authority

V. Gu
Executive Engineer
 Construction Division
 A P Transco Anantapuramu



Independent Engineer

Resident Engineer
 Independent Engineer
 BKV-3, NH-544G

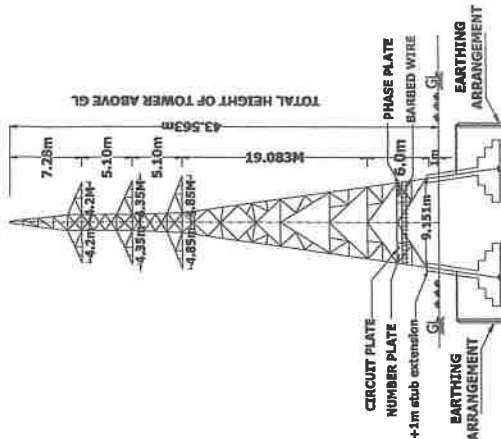
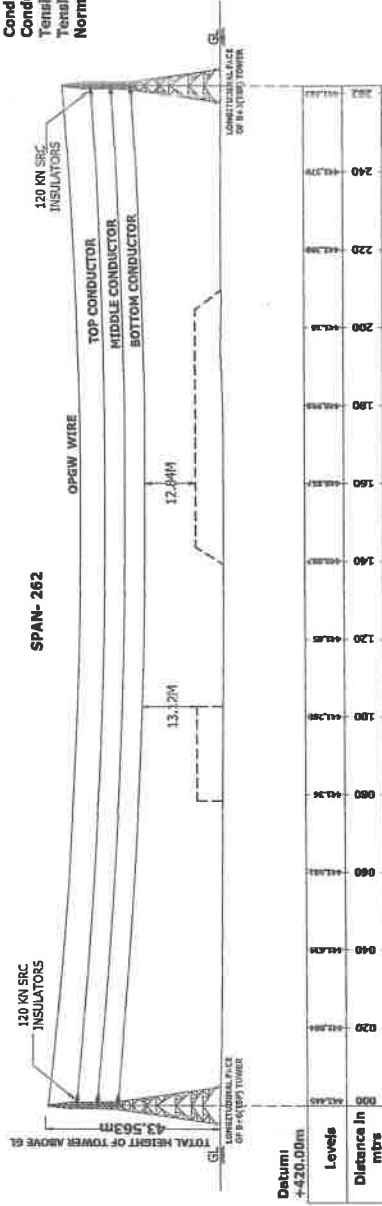
Project Director

PROJECT DIRECTOR
 NHAI, P.I.U. KADAPA.

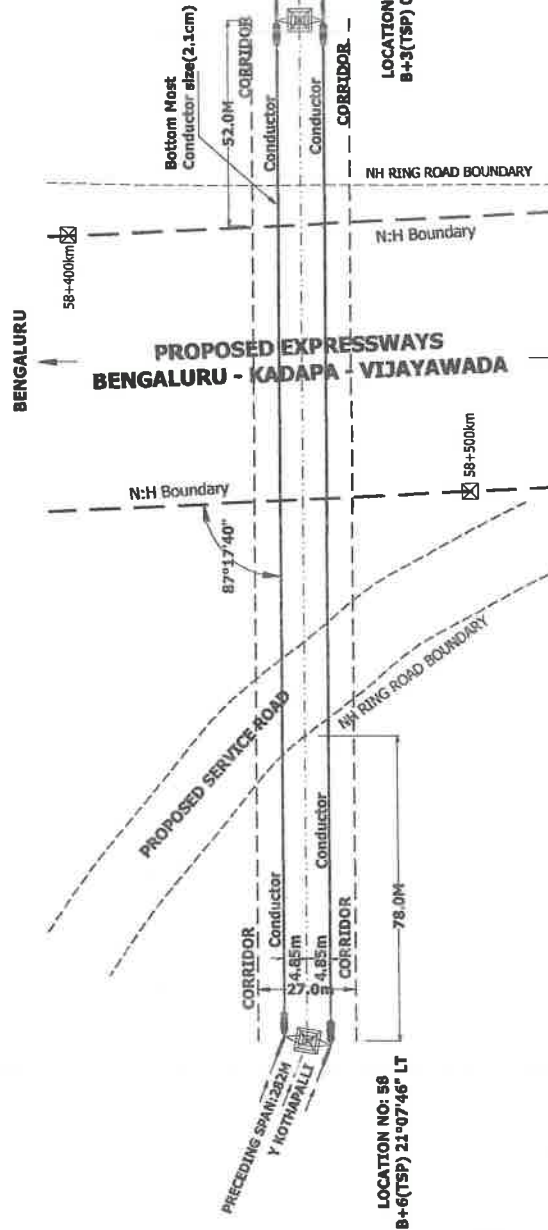
DETAILED CROSSING OF 132KV DC MUDIGUBBA LINE OF DETAILED CROSSING OF 132KV DC MUDIGUBBA LINE OF PROPOSED EXPRESSWAYS BENGALURU - KADAPA - VIJAYAWADA BETWEEN KKI- 58+400, 58+500.

SAG TENSION CALCULATIONS

Conductor Name : ACSR Panther
 Conductor Diameter : 2.100 cm
 Conductor cross section area : 2.615 cm²
 Conductor Unit Weight : 0.974 kg/m
 Conductor U_T Tensile Strength : 9144.0 kg
 Tension at 5°C and nil Wind : 2816.0 kg (Sag: 3.991m)
 Tension at 75°C and nil Wind : 1732.0 kg (Sag: 6.326m)
 Normal Span (ruling Span) : 300 Mtr.



220KV B+6 (TSP) TOWER DETAILS (+1M STUB EXTENSION)



NOTE: WIDTH OF POWER CONDUCTOR CROSSING 9.70 MTRS

CERTIFICATE
 I, THE PROJECT ENGINEER, HEREBY CERTIFY THAT THE DESIGN AND CONSTRUCTION OF THE PROPOSED 132KV DC MUDIGUBBA LINE OF DETAILED CROSSING OF 132KV DC MUDIGUBBA LINE OF PROPOSED EXPRESSWAYS BENGALURU - KADAPA - VIJAYAWADA BETWEEN KKI- 58+400, 58+500, IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE AP TRANSCO REGULATIONS AND STANDARDS.

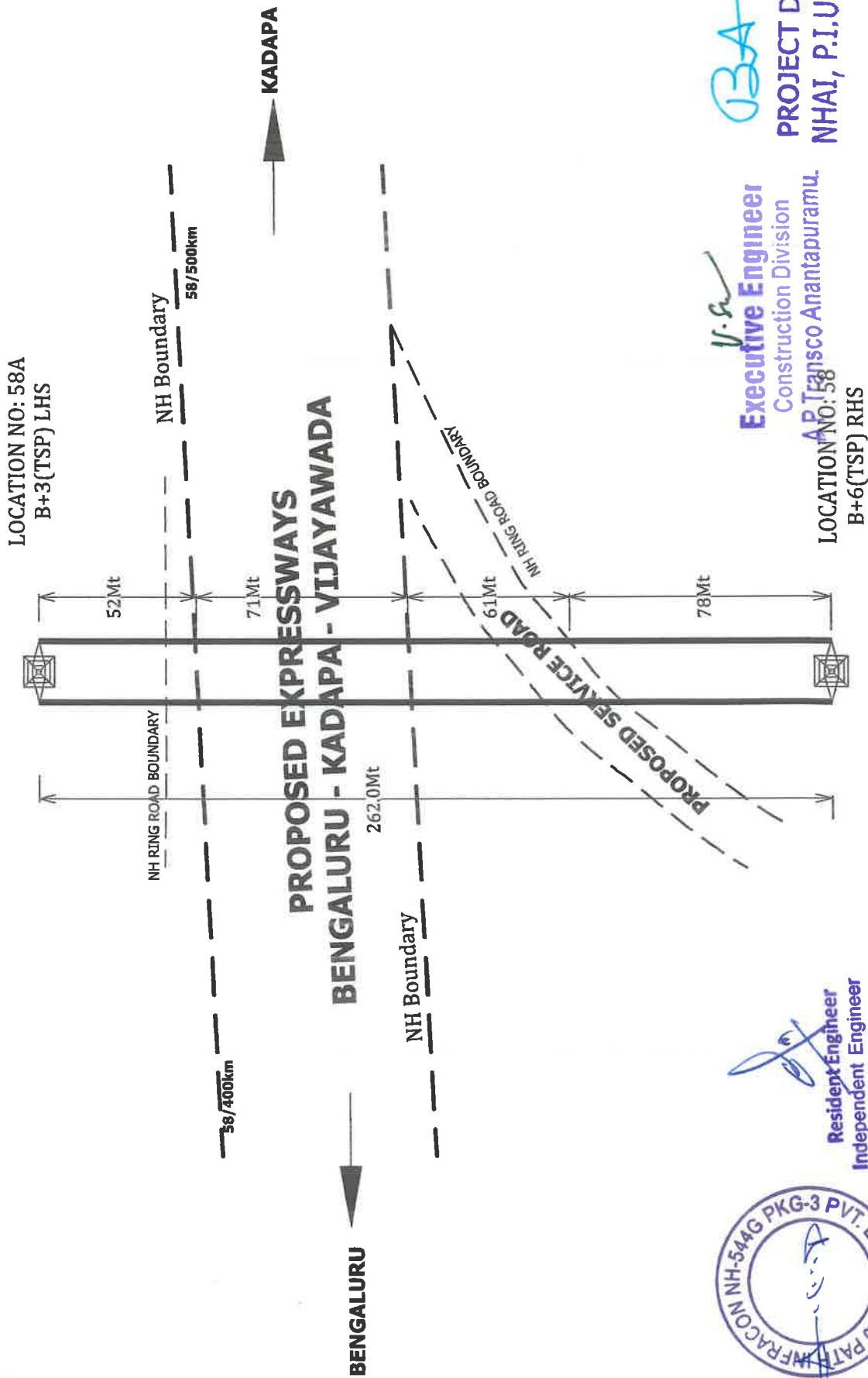
AP TRANSCO
 PROJECT: ERECTION OF 132KV DC LINE FROM EXISTING 132KV DC SUB-STATION Y KOTHAPALLI TO PROPOSED 132KV DC MUDIGUBBA IN SD SATHIA SAU (0557).
 TITLE: DETAILED CROSSING OF 132KV DC MUDIGUBBA LINE OF PROPOSED EXPRESSWAYS BENGALURU - KADAPA - VIJAYAWADA BETWEEN KKI- 58+400, 58+500.

Executive Engineer
 Construction Division
 A P Transco Anantapuramu.
 8KV-3, NH-544G

PROJECT DIRECTOR
 NHAI, P.I.U. KADAPA.



PLAN SHOWING 132KV OVERHEAD ELECTRICAL LINE



BA

Executive Engineer
Construction Division
AP Transco Anantapuramu.

PROJECT DIRECTOR
NHAI, P.I.U. KADAPA.

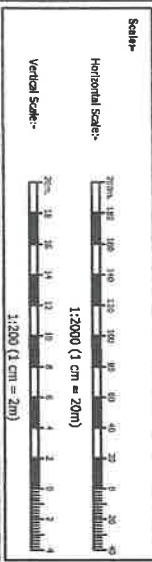
Resident Engineer
Independent Engineer
BKY-3, NH-544G



ACSR PATTERN CONDUCTOR	
1) Conductor	21.0mm
2) Cable Diameter	21.0mm
3) Area	281.5mm ²
4) Unit Weight	0.074 kg/m
5) Sag Tension (At 75°C per line core)	1232.0 kg
6) Normal Span (Fulling Span)	300 Mtr.
7) Maximum Sag (@ 75°C temperature)	6.328 Mtr.
8) Ground Clearance	6.25 Mtr + (including Sag error)
9) Height of Bottom Conductor	12.58 Mtr.

PROJECT DIRECTOR
NHAI, P.I.U. KADAPA.

Resident Engineer
Independent Engineer
BNV-3, NH-544G

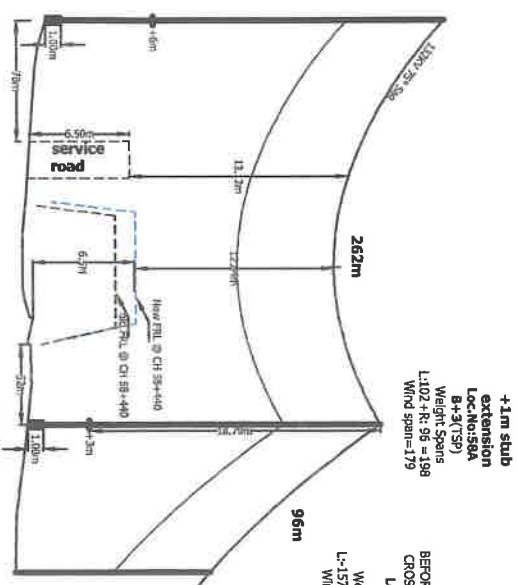


CLIENT: **AP TRANSCO**

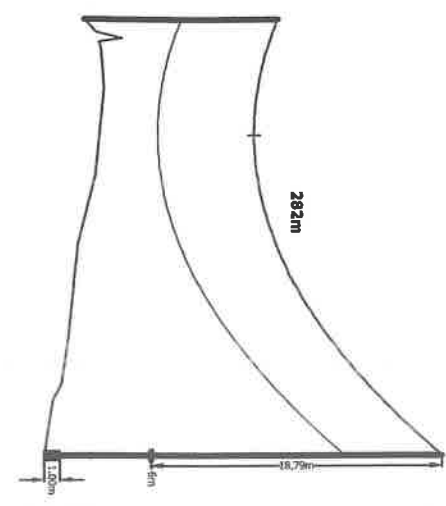
SURVEY CONSULTANTS: **M/s. D.VENKATESWARLU CIVIL SURVEY CONTRACTOR**
Locality: anantapur@gmail.com
Call: 9994640711

PROJECT TITLE: **ERECTION OF 132 KV DC/SC LINE TO PROPOSED 132/33 KV SS MUDUGUBA FROM 132 KV V.KOTHAPALLI CROSSING OF GREENFIELD HIGHWAY NEAR MALAKAVENULA(VILLAGE), (MUDUGUBA(MANDAL) BETWEEN CHAINAGE KM.49+400 & 49+500**

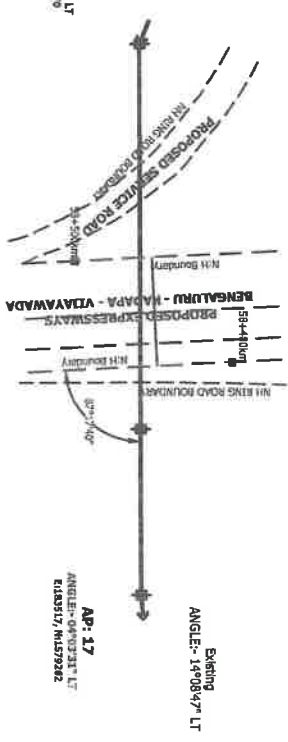
SUBMITTED BY: **D. Venkateswarlu**
D.VENKATESWARLU



0.0	442.245
20.0	441.884
40.0	441.539
60.0	441.501
80.0	441.36
100.0	441.208
120.0	441.05
140.0	440.887
160.0	440.867
180.0	440.998
200.0	441.36
220.0	441.398
240.0	441.379
260.0	441.182
280.0	440.963
300.0	440.701
320.0	440.44
340.0	440.376
350.0	440.371



0.0	445.207
20.0	446.27
40.0	446.395
60.0	446.276
80.0	446.067
100.0	445.858
120.0	445.368
140.0	444.865
160.0	444.559
180.0	444.332
200.0	444.105
220.0	443.82
240.0	443.336
260.0	442.78
280.0	442.445



AP: 16A
ANGLE:- 117°4'08" RT
ELEVATION: 1157997

AP: 16B
ANGLE:- 23°07'46" LT
ELEVATION: 1157997

AP: 17
ANGLE:- 0°49'31" LT
ELEVATION: 11579382

TOWER SCHEDULE

Name of the Work : MODIFICATION OF UNDER CONSTRUCTION 132KV DC/SC LINE FROM 132 KV SS Y KOTHAPALLI TO 132KV SS MUDIGUBBA DUE TO DEVELOPMENT OF BANGATORE - MYDAKURU (KADAPA) - VIJAYAWADA EXPRESSWAYS, ECONOMIC CORRIDORS AND INTER CORRIDORS UNDER BHARATMALA PARYUJANA PHASE-II IN SRI SATHYA SAI DIST.(FROM LOC NO 55 TO 59).

APPROVED TOWER SCHEDULE										MODIFICATION TOWER SCHEDULE									
Sl. No	Loc. No	Type of Tower	Angle of Deviation	Span in Mtrs.	SECTION	LOC NO	Type of Tower	Angle of Deviation	Span in Mtrs.	WIND SPAN	Weight Spans			LATITUDE	LONGITUDE	Crossing & Clearance/Remarks			
1	55	P+6		330		55	(P+6)		330	325	134	174	308			APPROVED TOWER.			
																33 KV LINE VC:3.62M, 2NOS 11 KV LINE'S VC:3.61M, 6.33M, TAR ROAD.			
2	56	P+3				56	(P+3)			332	156	151	307			APPROVED TOWER.			
				334					334							11 KV LINE VC:4.46M.			
3	57	R+0			AP-16A	57	(R+0)	11°34'05" RT		308	183	75	258	183794	1578697				
				282					282										
4	58	B+6 (TSP)			AP-16B	58	B+6 (TSP)	21°07'46" LT		272	207	160	367	183724	1578970	220 KV TSP TOWER(+1MTRS STUB EXTENSION).			
				262			+1MTRS STUB EXTENSION		262							PROPOSED EXPRESSWAYS BENGALURU - KADAPA - VIJAYAWADA VC:12.84M,CROSSING A/C:87°17'40"LT.			
5	58A	B+3 (TSP)	14°08'47" LT			58A	B+3 (TSP)	ST CUT POINT		179	102	96	198			220 KV TSP TOWER(+1MTRS STUB EXTENSION).			
				96			+1MTRS STUB EXTENSION		96										
6	59	(S+0)	04°03'31" LT		AP: 17	59	(S+0)	04°03'31" LT		75	-157	42	-115	183517	1579262	APPROVED TOWER, BEFORE 220 KV HINDUPUR - PULIVENDULA LINE CROSSING.			
APPROVED LINE LENGTH				1304	MODIFICATION LINE LENGTH				1304										

D. Venkateswarlu
Survey Contractor

ABSTRACT					
TYPE OF TOWER	+0	+3	+6	+9	Total
B(TSP) with +1 mtr stub extension	2	1	1	0	2
TOTAL TOWERS	2				

APPROVED
DESIGNS
DEC-1

CHECKED
DESIGNS
DEC-2

Executive Engineer
Construction Division
A.P. Transco Anantapuramu



Superintending Engineer
Projects/Field
A.P. Transco, KURNOOL

Executive Engineer
Construction Division
A.P. Transco Anantapuramu

Dy. Executive Engineer
Construction Sub Division-II
AP TRANSCO, Anantapur.

Inspection of Tower No: 58 A along with ADE/ AP TRANSCO, IE and Concessionaire rep.,
between Ch 58+400 to Ch 58+500




President Engineer
Independent Engineer
BKV-3, NH-544G



Inspection of Tower No: 58 A along with ADE/ AP TRANSCO, IE and Concessionaire rep.,
between Ch 58+400 to Ch 58+500



Resident Engineer
Independent Engineer
BKV-3, NH-544G



Inspection of Tower No 58 along with ADE AP TRANSCO, IE and Concessionaire rep.,
between Ch 58+400 to Ch 58+500




Resident Engineer
Independent Engineer
BKV-3, NH-544G

Discussion on Check List points at Camp Office - Package 3 (Raj Path)



 
Resident Engineer
Independent Engineer
BKV-3, NH-544G



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, #1/441/16, लक्ष्मी टावर्स के पीछे,

नए आर.टी.सी बस स्टैंड के पास, कडपा - 516 001, वाई.एस.आर जिला, आंध्र प्रदेश

Project Implementation Unit, #1/441/16, Behind Lakshmi Towers, Maruthi Nagar,

Near RTC Bus Stand, KADAPA - 516 001, YSR District, Andhra Pradesh.

ई-मेल/e-mail: piukadapa@nhai.org, kadapanhai@gmail.com; वेब/web: www.nhai.gov.in

NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/16397

Date 17.09.2024

To

M/s Dhruv Consultancy Services Limited in JV with M/s. G-Eng Advisory Services Private Limited and in association with M/s Kaius Consulting Private Limited, #501, Plot No.67, Pujit Plaza, Opp. K-Star Hotel, Sector-11, C.B.D. Belapur, Navi Mumbai - 400 614.
E-mail: tl.bengaluruviijayawadapkg1@gmail.com

M/s RAJ PATH INFRACON NH-544G PKG-3 PRIVATE LIMITED,
#403, Pride House, 4th Floor, S.No.108, Ganeshkind Road, Opposite Pune University, PUNE - 411 016
E-mail: raj@rajpathinfra.com

Sub: NHAI, PIU-Kadapa - Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch.45+700) to Odulapalle (Ch.72+000) of Bengaluru - Vijayawada Economic Corridor of NH-544G on HAM Mode under Bharatmala Pariyojana Phase-I in the state of Andhra Pradesh (Package-3) - APTransco - Erection of proposed 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula village, Mudigubba Mandal between Km.58+400 & Km.58+500 - Compliance to the observations submitted - Recommendation called for - Reg.

Ref: (i) EE, Const. Division, APTransco, Anantapuramu Letter No. EE/Construction Division/ ATP/AEE.T/F.No./D.No.833/2024 dated 10.09.2024
(ii) T/o. Letter No. NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/16183 dated 17.08.2024
(iii) IE-M/s. Dhruv Consultancy Services Ltd., Letter No. IE/DGKCSPL/NH-544G/RPINP3PL/Pkg-3/2024-25/121 dated 14.08.2024
(iv) Concessionaire M/s. Raj Path Infracon NH-544G PKG-3 Private Limited Letter No. Raj Path/Site/BV/Pkg-3/421/2024-25 dated 12.08.2024
(v) T/o. Letter No. NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/15784 dated 17.08.2024
(vi) Y/o. Lr. No.EE/Const.Divn/ATP/AEE.T/F.No.Mudigubba/D.No.624/2024 dtd.03.07.2024

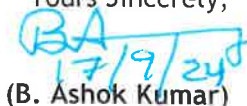
Sir,

This has reference to the letter under reference (iv) cited above vide which the Executive Engineer, APTransco, Anantapuramu has submitted the compliance to the observations raised by the IE & Concessionaire vide letter under reference (iii) & (iv) cited above on the subject proposal.

2. It is requested to review the proposal as per MoRT&H Circular dated 22.11.2016 and submit recommendation along with signed drawings, checklist, calculation sheet, proof of unit rates village wise from Registration & Stamps Department, photographs of site inspection, photographs of crossing locations, etc. for taking further necessary action.

Encl: As above

Yours Sincerely,


(B. Ashok Kumar)

DGM (Tech.) & Project Director

Copy to the Executive Engineer, Construction Division, APTransco, Anantapuramu is requested to submit the proposal through online portal (morthnoc.nic.in), for taking further necessary action

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

From
The Executive Engineer,
Construction Division,
APTRANSCO,
Anantapuramu-515004.

To
The Project Director,
Project Implementation Unit,
National Highway Authority of India Ltd,
#1/441/16, Behind Lakshmi Towers,
Maruthi Nagar, Kadapa.

Lr.No.EE/Construction Division/ATP/AEE.T/F.No. /D.No. 833 /2024, Dt.
10-09-2024.

Sir,

Sub:APTRANSCO - Construction Division - Anantapuramu – Erection of proposed 132 KV DC/SC line from 132 KV LIS Y.Kothapalli to proposed 132/33 KV SS Mudigubba – Crossing of proposed Greenfield Highway from Vankarakunta (Ch. 45+700) to Odulapalle (Ch. 72+000) of Bengaluru – Vijayawada Economic Corridor under Bharatmala Pariyojana phase-I in the state of Andhra Pradesh (Package-3) near Malakavemula (Village), Mudigubba (Mandal) between chainage KM. 58+400 & 58+500 – Proposals Re submitted – Approval for Green field Highway crossing – Requested – Regarding.

- Ref:1) Lr.No.NHAI/PIU-KDP/16002/1/2023/NH-544G/PKG-3/ /15133, Dt:23-04-2024
2) Lr.No.EE/Construction Division/ATP/AEE.T/F. /D.No.624/2024, Dt:03-07-2024
3) Lr.No.EE/Construction Division/ATP/AEE.T/F. /D.No.748/2024, Dt:13-08-2024
4) Lr.No.NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities /16183, Dt:17-08-24

In the reference (2) cited above, the proposals for crossing of 132 KV DC/SC line from 132 KV LIS Y.Kothapalli to proposed 132/33 KV SS Mudigubba with the proposed Greenfield Highway from Vankarakunta (Ch. 45+700) to Odulapalle (Ch. 72+000) of Bengaluru – Vijayawada Economic Corridor under Bharatmala Pariyojana phase-I in the state of Andhra Pradesh (Package-3) near Malakavemula (Village), Mudigubba (Mandal) between chainage KM. 58+400 & 58+500 was submitted for approval.

Off. Received on 13.09.24
(By PWT)

NHAI-PIU, KADAPA		
Inw.	25800	
Date	11.09.24	
Mgr-1	✓	Mgr-2
SE-1	SE-2	
SE-3	SE-4	
LAO	PA/Steno	
Acc.	IT	YHE

13/9

In the ref (4) cited above, it was requested to submit the proposals as per MoRT&H Circular Dt.22.11.2016 along with certain observations for compliance. The same is attended and resubmitted as detailed below.

1. The proposed 132KV DC/SC line from 132 KV LIS Y.Kothapalli to proposed 132/33 KV SS Mudigubba comes under **public utilities** for the purpose of the public.
2. As per the MoRTH Guidelines No.NH-36094/01/2022-S&R(P&B), Dt.24.04.2023, License Fees for public Utility shall be equal to NH land area X prevailing Circle rate of land per unit area X 1.5% per annum, subject to minimum of Rs 10,000/- with 6% annual increment. Utilized NH land area shall include area of support system/ tower but not include projection of utility on ground.

The present crossing proposals are for public utility and the towers are proposed outside the boundaries of National Highway as furnished in the check list. It is clear that the support system is placed outside the boundary of NH land area, the projections such as Panther conductor and earthwire only will pass through the proposed National highway through overhead. Hence the License Fees does not arise.

3. The check list as per MoRT&H Circular Dt.22.11.2016 is herewith submitted.
4. It was requested to furnish the following certificates
 - (a) Laying of utility line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
 - (b) Relocate service road/ approach road/ utilities at their own cost notwithstanding the permission granted within such time as stipulated by NHAI for future developmets.

The above certifications are submitted in the ref (2) cited above in the undertaking on non judicial stamp paper. However the undertakings are once again resubmitted.

In view of the above, the following documents are herewith enclosed for kind perusal and arranging approval for crossing of the overhead subject transmission line.

1. Check list for laying of utility transmission line
2. Agreement regarding granting of ROW permission for laying of utility service on NH
3. Undertaking and certificates
4. Methodology of Stringing
5. Strip plan and google earth crossing photo
6. Details of overhead transmission line including conductor and earth wire properties

Hence, it is once again requested to arrange the approval for crossing of the NH 544G at chaniage between Km 58+400 & 58+500 for the proposed 132KV DC/SC line from Y Kothapalli to proposed 132/33 KV SS Mudigubba at the earliest.

Thanking you,

Yours faithfully,



Executive Engineer,
Construction Division,
Anantapuramu.

Encl: As above (3 sets)

Copy Submitted to

The Chief Engineer/Projects/V.S./Vijayawada

The Superintending Engineer/Projects/Field/Kurnool

The Regional Officer/NHAI/Vijayawada

} for favour of information please.

Copy to

The Deputy Executive Engineer/Const./SD-II/ATP – for followup action



INDIA NON JUDICIAL



Government of Andhra Pradesh

IN-AP18440688050058W

e-Stamp

Certificate No. : IN-AP18440688050058W
Certificate Issued Date : 05-Sep-2024 03:30 PM
Account Reference : NEWIMPACC (SV)/ ap18055004/ AP-ATP/ AP-APR1/apemoikau
DDO Code : 27002308001 O/o IG R
Unique Doc. Reference : SUBIN-APAP1805500424607517749066W
Purchased by : V SREEDHAR
Description of Document : Article 6(C) Agreement In any other case
Property Description : AGREEMENT
Consideration Price (Rs.) : 0
(Zero)
First Party : EXECUTIVE ENGINEER APTRANSCO
Second Party : Not Applicable
Paid By (For Whom) : EXECUTIVE ENGINEER APTRANSCO
Stamp Duty Amount(Rs.) : 50
(Fifty only)



Please write or type below this line

IN-AP18440688050058W

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

Agreement to lay 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli at Malakavemula (Village), Mudigubba (Mandal), Sri Sathya Sai District., overhead crossing of National Highway NH-544G (Vankarakunta to Odulapalle section) near Malakavemula (Village), Mudigubba (Mandal) between chainage KM. 58+400 & 58+500.

This Agreement made this _____ day of _____ (month) of 2024 between NHAI, PIU, Kadapa & Transmission Corporation of Andhra Pradesh Ltd., acting in his executive capacity through National Highway authority of India Limited (herein after referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part and Transmission Corporation of Andhra Pradesh Ltd. a limited company registered under the Companies Act, 1956 and having its registered office at Vidyuth soudha, gunadala, Vijayawada (herein after called the Licensee")

V. Sreedhar
Executive Engineer
Construction Division
APTRANSCO Anantapuramu

0018529556**Statutory Alert:**

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

which expression shall unless excluded by repugnant to the context, include his successors/ administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands in Km _____ to _____ of NH No 544G ROW.

Whereas the Licensee proposes to lay 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli in between chainage KM. 58+400 & 58+500 near Malakavemula (Village), Mudigubba (Mandal), Sri Sathya Sai District., referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services from KM _____ to KM _____ of road /route up to _____ and from KM _____ to KM _____ of road/route up to _____

And whereas the Authority has agreed to grant such permission for way leave on the NH RoW as per terms and conditions herein after 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 permission to lay utility services as per the approved drawing attached here to 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 fulfillment 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 (â) Rs/sq m/month to the Authority. The License fee shall become payable from the date of handing over of ROW land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.


Executive Engineer
Construction Division
A P Transco Anantapuramu

5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the RoW. In case of restricted width of ROW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
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 (NH-544G) 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. N.A.


Executive Engineer
Construction Division
A P Transco Anantapuramu

14. The utility services shall cross the National Highway (NH-544G) preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
 - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route metre/Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/ utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.


Executive Engineer
Construction Division
A P Transco Anantapuramu

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/high way 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 coordination with Authority, regarding the location of other utilities /underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in coordination with Authority shall also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right

V. S. V.
Executive Engineer
Construction Division
A P Transco Anantapuramu

to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches, for fresh or maintenance/ repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in coordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land/property, other than what is herein expressly granted. No use of NH ROW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. N.A.
36. The Licensee shall allow free access to the Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.


Executive Engineer
Construction Division
A P Transco Anantapuramu

37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation 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 brought back to the original condition failing which the Licensee will lose the right to the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all,
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.


Executive Engineer
Construction Division
A P Transco Anantapuramu

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 V. Sreedhar (V. SREEDHAR).

(Signature, name & address with stamp)

Executive Engineer
Construction Division
A P Transco Anantapuramu

SIGNED ON BEHALF OF M/s TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED (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. [Signature]
(D. UMAMA HESWAR RAO) (DEE / Cont. / SG-II / AP Transco / Anantapur)

2.



Government of Andhra Pradesh



IN-AP18440825543801W

e-Stamp

Certificate No.	IN-AP18440825543801W
Certificate Issued Date	05-Sep-2024 03:31 PM
Account Reference	NEWIMPACC (SV)/ ap18055004/ AP-ATP/ AP-APR1/apemoikau
DDO Code	27002308001 O/o IG R
Unique Doc. Reference	SUBIN-APAP1805500424607718669036W
Purchased by	V SREEDHAR
Description of Document	Article 6(C) Agreement In any other case
Property Description	AGREEMENT
Consideration Price (Rs.)	0 (Zero)
First Party	EXECUTIVE ENGINEER APTRANSCO
Second Party	Not Applicable
Paid By (For Whom)	EXECUTIVE ENGINEER APTRANSCO
Stamp Duty Amount(Rs.)	50 (Fifty only)



Please write or type below this line

AGREEMENT

LICENCE DEED FOR OVERHEAD CROSSING OF 132KV DC/SC LINE TO PROPOSED 132/33KV SS MUDIGUBBA FROM 132KV LIS Y.KOTHAPALLI AT MALAKAVEMULA (VILLAGE), MUDIGUBBA (MANDAL), SRI SATHYA SAI DIST. ON NATIONAL HIGHWAY NO. NH-544G

AGREEMENT for crossing of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli at Malakavemula (Village), Mudigubba (Mandal), Sri Sathya Sai District., overhead crossing of National Highway NH-544G (Vankarakunta to Odulapalle section) near Malakavemula (Village), Mudigubba (Mandal) between chainage KM. 58+400 & 58+500.

(1) AN AGREEMENT made this _____ day of _____ of year Two Thousand and twenty four between National Highways Authority of India (hereinafter called the Government) which expression shall, unless excluded by or repugnant to the context include his successors in office and assigns) of the one party and TRANSMISSION CORPORATION OF ANDHRA PRADESH LTD (herein after called the *Licensee/the Licensees* which expression shall, unless excluded by or repugnant to the context, include his heirs its successors/their successors and assigns) of the other Part.

III

0018529557

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com', or using a Stamp Holder App of Stock Holding Corporation of India Ltd. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.

2. The onus of checking the legitimacy is on the users of the certificate.

3. In case of any discrepancy please inform the Competent Authority.

Executive Engineer

A P Transco Anantapuramu

- (2) WHEREAS the licensee has/licensees have applied to the Government/NHAI for permission of crossing of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli Transmission line crossing NH-544G between chainage KM. 58+400 & 58+500 at Malakavemula (Village), Mudigubba (Mandal) in Sri Sathya Sai District., Andhra Pradesh State.
- (3) And WHEREAS the Government / NHAI have agreed to grant such permission on the terms and conditions hereinafter mentioned.
- (4) Now this Agreement witnesses that, in consideration of the conditions hereinafter contained and on the part of the Licensee/Licensees to be observed and performed, Government/ NHAI hereby grants to the license/licenses permission for crossing of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli Transmission line as per the approved drawing attached hereto subject to the following condition, namely:-
- (i) That the Licensee/licensees shall within three months from the date hereof receipt of permission, but without interfering with the road traffic, complete the crossing of overhead transmission line to the satisfaction of the Divisional/Executive Engineer/Project Director/NH/Kadapa Division Kadapa -in- charge of the NH (herein after referred to as Project Director) in accordance with the drawings and specifications approved by the Project Director.
 - (ii) That the licensee /licensees shall be the responsible for restoring the road and at his/their own cost to its original condition after crossing of overhead electrical line or after any damages caused due to inadequate maintenance/operation of 132KV overhead Transmission line.
 - (iii) That in case of any burst or leak of overhead electrical line. The Licensee/licensees shall bear the entire cost of restoration of damage caused to the road
 - (iv) That the Licensee/licensees shall not without the prior permission in writing of Project Director undertake any work of shifting, repairs or alterations to the said 132KV overhead Transmission line.
 - (v) That the Licensee/licensees shall at all-time permit any duly authorized officer or servant of the Government/NHAI to inspect the said 132KV overhead Transmission line.
 - (vi) That the licensee/licensees shall be liable for any loss or damage caused to the Government/NHAI by drainage obstruction or any other like cause due to the said 132KV overhead Transmission line.
 - (vii) That the licensee/licensees shall within two months of a notice duly given to him to this behalf by The Govt. of India/Project Director, NHAI shall at his/their own cost remove the 132KV overhead Transmission line and restore


Executive Engineer
Construction Division
A P Transco Anantapuramu

the road land to its original condition when required to do so by the Government/NHAI or by any person Authorized on its behalf. The licensee/licensees shall not be entitled to any compensation on account of such removal or restoration. *[This clause is not applicable in this case as there is no use of NH land]*

- (viii) That if licensee fails/licensees fail to execute any work which he has/they have agreed to execute under this agreement to the satisfaction of the Divisional/Executive Engineer/ Project Director. The work shall be executed by the Divisional/Executive Engineer/Project Director at the cost of the Licensee/licensees and the amount shall be recoverable from the Licensee/licensees without prejudice to any other remedies which may be open to the Government/NHAI in this behalf.
- (ix) That the licensee/licensees shall not sell, transfer or otherwise dispose of the premises without obtaining the previous consent of the Government/NHAI in writing. *[This clause is not applicable in this case as there is no use of NH land]*
- (x) That this agreement will remain in force for a period of five years from the date of execution in the first instance and be terminated by a notice of two months and the permission may not be renewed after the expiry of the said period. *[This clause is not applicable in this case as there is no use of NH land]*
- (xi) That the permission granted by this license shall not in any way to be deemed to convey to the licensee/licensees any right to or over or any interest in Government land other than what is herein expressly granted. *[This clause is not applicable in this case as there is no use of NH land]*
- (xii) That during the subsistence of this license the 132KV overhead Transmission line located across the road shall be deemed to have been constructed and continued only by the consent and permission of the Government so that the right of the licensee/licensees to the use there of shall not become absolute and indefeasible by lapse of time. *[This clause is not applicable in this case as there is no use of NH land]*
- (xiii) That the licensee/licensees shall bear the stamp duty charges on this agreement.
- (xiv) Govt. of-India/NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise to the 132KV overhead Transmission line.
- (5) The 132KV overhead Transmission line shall not be brought into use by the licensee/licensees unless a completion certificate to the effect that the 132KV overhead Transmission line has been laid in accordance with the approved specifications and drawings have been obtained from the Project Director NHAI.
- (6) The Licensee shall be abide by the conditions enclosed herewith as Annexure -I


Executive Engineer
Construction Division
A P Transco Anantapuramu

- (7) Not with standing anything contained in clause 4 (vii), the license may be cancelled at any time by the Government/NHAI for a breach of any condition of the license and the licensee/licensees shall not be entitled to any loss caused to it by such cancellation, nor shall it be absolved from any liability already incurred under this agreement.
- (8) The permitted highway on which license has been granted the right to cross 132KV Overhead transmission line has also been granted as right of way to the concessionaire under the concession agreement for up gradation section between Stone Nos. 58+400 & 58+500 of NH-544G on Build, Operate and Transfer Basis and therefore, the licensee shall honor the same".

This Agreement has been signed and executed by the authorized representative of each party to this agreement and each party has retained one stamp copy of the same. IN WITNESS WHEREOF this agreement is executed in two parts by the parties hereto on the first above mentioned.

Signed by Shri **V. SRINIVAS RAO**

Signed by Shri

V. SRINIVAS RAO
The Executive Engineer

M/s TRANSMISSION CORPORATION OF AP LTD
(a Govt. of Andhrapradesh Enterprise)

Executive Engineer
Construction Division
A P Transco Anantapuramu
For and on behalf of the President of India

Project Director

National Highways Authority of India
For and on behalf of the President of India

In the presence of

1. **(D. VIKRAMA CHESWAR RAO)**
Name in full (Signature) with designation

Asst. Executive Engineer
Construction Sub Division-II
AP TRANSCO, ANANTAPUR

1. Name in full (Signature) with designation

2. **(M. VENKATESULU)**
Name in full (Signature) with designation

Deputy Executive Engineer
Construction Sub Division-III
AP TRANSCO, ANANTAPUR

2. Name in full (Signature) with designation

e-Stamp

Certificate No.	IN-AP16928374242018W
Certificate Issued Date	31-Aug-2024 01:20 PM
Account Reference	NEWIMPACC (SV)/ ap18055004/ AP-ATP/ AP-APR1/apemoikau
DDO Code	27002308001 O/o IG R
Unique Doc. Reference	SUBIN-APAP1805500421657492438389W
Purchased by	V SREEDHAR
Description of Document	Article 6(C) Agreement In any other case
Property Description	AGREEMENT
Consideration Price (Rs.)	0 (Zero)
First Party	EXECUTIVE ENGINEER APTRANSCO
Second Party	Not Applicable
Paid By (For Whom)	EXECUTIVE ENGINEER APTRANSCO
Stamp Duty Amount(Rs.)	50 (Fifty only)



Please write or type below this line

UNDERTAKING

It is proposed to carryout stringing activity of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli at Malakavemula (Villiage), Mudigubba (Mandal), Sri Sathya Sai District.

This section is crossing National highway NH-544G (Vankarakunta to Odulapalle section) near Malakavemula (Villiage), Mudigubba (Mandal) between chainage KM. 58+400 & 58+500. This section of the National Highway is under the control of Project Director, Project implementation unit, NHAI, Kadapa.

Stringing would be executed by Transmission Corporation of Andhra Pradesh Ltd.

In this context, I (V. Sreedhar, Executive Engineer, Construction Division, Ananthapuramu) on behalf of Transmission Corporation of Andhra Pradesh Limited), here by undertaking that,

Executive Engineer
Construction Division
A.P. Transco Anantapuramu

0018528887

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.shcsestamp.com or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

31-Aug-2024 01:20 PM 31-Aug-2024 01:20 PM 31-Aug-2024 01:20 PM 31-Aug-2024 01:20 PM 31-Aug-2024 01:20 PM
31-Aug-2024 01:20 PM 31-Aug-2024 01:20 PM 31-Aug-2024 01:20 PM 31-Aug-2024 01:20 PM 31-Aug-2024 01:20 PM

EXECUTIVE ENGINEERING APTRANSCO EXECUTIVE ENGINEER APTRANSCO EXECUTIVE ENGINEER APTRANSCO EXECUTIVE ENGINEER APTRANSCO

- a) We would pay or compensate for any damage caused to the NHAI property as per the direction of the PD, PIU, NHAI, Kadapa on Highway at between KM. 58+400 & 58+500 during the execution of the above work.
- b) We will ensure compliance during stringing work of all safety norms that may be specified by NHAI from time to time for safe plying of the road traffic on Highway between KM. 58+400 & 58+500 during the execution of the above work.
- c) We will ensure that the traffic movement during stringing work will be managed by Transmission Corporation of Andhra Pradesh Limited
- d) During the 6 laning or further development works of the National Highway-544G (Vankarakunta to Odulapalle section), we will relocate the transmission lines at our cost as per the instruction of NHAI.
- e) If necessary, we will shift the electricity power transmission lines out of working zone of NHAI at our own cost. However, if delay in shifting the same by us happens and if NHAI wants to shift the same at their cost, then any kind of damage to the Transmission Corporation of Andhra Pradesh Limited & NHAI property and any sort of disturbance to the public user occurred will be the responsibility of Transmission Corporation of Andhra Pradesh Limited.
- f) We will submit required licensee fee for crossing of 01 No 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli at Malakavemula (Village), Mudigubba (Mandal), Sri Sathya Sai District., as and when directed by NHAI as per the rules in vogue.
- g) We will follow the provisions of IRC 32-1969, CEA Regulations/Statutory provisions of Indian electricity rules and other relevant guidelines issued.


Executive Engineer
Construction Division
A P Transco Anantapuramu



INDIA NON JUDICIAL

Government of Andhra Pradesh

IN-AP16929268303161W

e-Stamp

Certificate No. : IN-AP16929268303161W
Certificate Issued Date : 31-Aug-2024 01:21 PM
Account Reference : NEWIMPACC (SV)/ ap18055004/ AP-ATP/ AP-APR1/apemoikau
DDO Code : 27002308001 O/o IG R
Unique Doc. Reference : SUBIN-APAP1805500421656902244210W
Purchased by : V SREEDHAR
Description of Document : Article 6(C) Agreement In any other case
Property Description : AGREEMENT
Consideration Price (Rs.) : 0
(Zero)
First Party : EXECUTIVE ENGINEER APTRANSCO
Second Party : Not Applicable
Paid By (For Whom) : EXECUTIVE ENGINEER APTRANSCO
Stamp Duty Amount(Rs.) : 50
(Fifty only)



Please write or type below this line

UNDERTAKING

- 1) The Work of Erection of 01 No 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli at Malakavemula (Village), Mudigubba (Mandal), Sri Sathya Sai District., overhead crossing of National Highway NH-544G (Vankarakunta to Odulapalle section) near Malakavemula (Village), Mudigubba (Mandal) between chainage KM. 58+400 & 58+500 will be carried out only after getting approval from the Competent Authority.
- 2) We shall be responsible for safety of all construction works, such as Erection of towers, Stringing of line along and across the NH road.
- 3) We shall inform the officers of NHAI at least 15 days in advance before starting the work.
- 4) We shall not, without prior permission in writing of the concern officers of the NHAI undertaking any shifting and other alternation works of this erected power lines.

V. S.
Executive Engineer
Construction Division
A.P. Transco Anantapuramu

HUF 0018528888**Statutory Alert:**

1. The authenticity of this Stamp certificate should be verified at www.shcilestamp.com or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

- 5) NHAI shall not be responsible for any damage caused to the power supply lines or by any activity of our side on the permitted highway. The parties agreed that we are laying the power supply lines on the permitted highway at its own cost.
- 6) The excavated tower pit shall be properly back filled, so as to restore the land in the same condition as it was before the excavation of the pits and shall clear the debris/loose earth produced from the execution of the tower erection and lines.
- 7) We agree to abide by the directions of the concerned officer of NHAI appointed in accordance with the National Highway act 1956 and rules in force. Certified that no damage to the other utility will be done, if damage then to pay losses either to NHAI or to the concerned agency.
- 8) We are conforming to all standard conditions of NHAI guidelines.
- 9) We shall be responsible for shifting the electrical line as and when required by NHAI at our own cost.
- 10) We shall be responsible for shifting due to 6 Lanning /widening of NH.
- 11) We agree indemnity against all damages and claims clause.
- 12) We will manage traffic movement during the laying of power supply line.
- 13) We undertake to shift the electrical lines and supporting tower structures at any time owing to the expansion of the road or if necessary, by NH authorities.
- 14) We will borne expenditure if any incurred by NHAI for repairing any damages caused to National Highway by the laying of the lines, maintenance or shifting of the electrical supply line will be borne by the agency owning the line.
- 15) If the NHAI considers, if necessary, in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of ours owing the utility line within a reasonable time.
- 16) Certify the laying of electrical supply line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
- 17) We will not damage any avenue plantation during the execution of our work. However, if any un-avoidable damage happens to plantation, then we will replace the plants in 1:5 ratio as per the standard specifications of NHAI at our own cost including maintenance for 5 years.
- 18) We will provide safety measures like barricading, danger lighting and other necessary cautionary boards while executing the work.
- 19) We shall ensure the safety and security of already existing utilities.


Executive Engineer
Construction Division
A P Transco Anantapuramu

- 20) We shall arrange all the clearances including Forest Clearance required for laying the utility as per drawing. We shall also arrange for shifting of utilities, if required at his own cost as per the directions of concerned Department.
- 21) We shall ensure that at no time there is interference with drainages of road, land and maintenance of NH.
- 22) If any claim is raised by the Concessionaire/contractor due to the damages, then the same has to be paid by us.
- 23) We will submit the license Fee and Bank Guarantee, if any applicable for the above said transmission line crossing work, then the same will be paid by us.
- 24) We will obtain prior approval of NHAI before undertaking any work of installation, shifting or repair of alterations to the utility line located in National Highway right-of-way.
- 25) The expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by laying, maintenance or shifting of the utility line will be borne by us.
- 26) The next license deed as per verbatim of MORTH format issued vide ministry's circular number: RW-NH-33044/29/2015/S&R® dated:22-11-2016.
- 27) We have obtained various safety clearances from the concerned authorities such as Directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway administration.
- 28) If the MoRTH/NHAI considers it necessary in future to move the utility line for any work of improvement or repair to the road, it will be carried out as desired by the MoRTH/NHAI at our own cost within the reasonable time (not exceeding 60 days) of the intimation given.


Executive Engineer
Construction Division
A P Transco Anantapuramu

1. The authenticity of this Stamp certificate should be verified at 'www.sholestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

TECHNICAL PARTICULARS OF ACSR PANTHER CONDUCTOR

SI No	TECHNICAL PARTICULARS	ACSR Panther Conductor
		30/3+7/3mm
1	Indian standard to which earth wire conforms	IS:2141
2	Area of cross-section (Sq mm)	261.50
3	Nominal overall diameter(mm)	21
4	Maximum working tension(Kg)	9143
5	Guaranteed UTS	9143
6	Weight of Coductor (Kg/ km)	974
7	Modulus of Elasticity E (Kg/mm2)	8155


Executive Engineer
Construction Division
A P Transco Anantapuramu

TECHNICAL PARTICULARS OF OPGW

Sl No	TECHNICAL PARTICULARS	OPGW
		7/3.15mm
		Kg/mm ²
1	Indian standard to which earth wire conforms	IS:2141
2	Area of cross-section (Sq mm)	54.52
3	Nominal overall diameter(mm)	9.45
4	Maximum working tension(Kg)	8371
5	Guaranteed UTS	8371
6	Weight of Earth wire(Kg/ km)	488
7	Modulus of Elasticity E (Kg/mm ²)	19330


Executive Engineer
Construction Division
A P Transco Anantapuramu

CROSSING DETAILS

Name of the line	Erection of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli in Sri Sathya Sai Dist.,
Crossing	NH-544G near Malakavemula (Village), Mudigubba (Mandal) Crossing Location will be Location No. 58 to Location No. 58A between Km 58+400 & 58+500 stones
Crossing towers	Location No. 58, TSP B+6 Location No. 58A, TSP B+3
Crossing span	262 mts
Distance from road side	Loc no. 58 - 174.50 Mtrs (from NH center) Loc no. 58A - 87.50 Mtrs (from NH center)
Line crossing at Max sag	12.84 mtrs
No of Phases and conductors	3 Phases, 1 conductor/Phase
Systems of supply (i.e. Voltage, Frequency, No of Phases, whether neutral is earthed or	132 KV AC, 50 Hz, Three phase, Neutral earthed at station end.


Executive Engineer
Construction Division
A P Transco Anantapuramu

M/s. TRANSMISSION CORPORATION OF ANDHRA PRADESH LTD Proposed National Highway No:544G Crossing of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli at Malakavemula (Village), Mudigubba (Mandal), Sri Sathya Sai District.

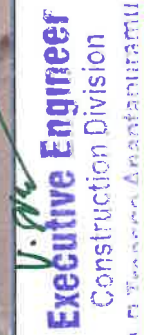
Methodology of carrying out the Stringing activities

- 1) The aim of this exercise is to carry out the stringing of 132KV power line across the National Highway No.544G between the tower Location No. 58 and 58A with the span of 262 metres. The distance of the tower Loc. No. 58 from centre line of the road is 174.5 metres and of Loc. No. 58 is 87.5 metres. After stringing a clearance of 12.80 metres would be maintained from the road surface to the bottom most conductor of the line.
- 2) Wooden/metal scaffolding of 8 metres height 3 metres width would be installed on either side of the National Highway-544G. A distance of 10 metres would be kept from the edge of the highway to the edge of the scaffolding to provide safe distance in case of collapse of scaffoldings. This scaffolding would be carrying only earth wire.
- 3) Earth wire would be strung first. To pass earth wire over the road, a polypropylene rope (Pilot rope) would be extended from scaffolding of one side and connected to the edge of the earth wire which would be on the scaffolding on other side. Once the connection is made, the pilot rope is pulled with tractor on the other side taking the earth wire on the wooden scaffolding. While pulling the Earth wire due to self-weight the earth wire will take catenary shape and hence traffic need to be stopped for about 15 minutes (At present stoppage of traffic will not arise as the construction of road work is under progress).
- 4) Once the earth wire is pulled completely it would be connected to the ends of the peak.
- 5) Later the 6 conductors will be dragged in the same manner as said above in case of earth wire by making up them on one side and every time there needs to be stoppage of traffic for about 15 minutes with time gap between one conductor and another (At present stoppage of traffic will not arise as the construction of road work is under progress) likewise all six conductors will be lifted, and final stringing will be completed one by one.
- 6) During the above process every effort will be kept maintaining clearance from road and 15 to 20 minutes blockage of traffic would be necessary intermittently (At present stoppage of traffic will not arise as the construction of road work is under progress).
- 7) All Safety measures shall be followed as insisted by NHA I at the time of execution of work.


Executive Engineer
Construction Division
A P Transco Anantapuramu



DETAILED CROSSING OF 132KV DC MUDIGUBBA LINE OF DETAILED CROSSING OF 132KV DC MUDIGUBBA LINE OF PROPOSED EXPRESSWAYS BENGALURU - KADAPA - VIJAYAWADA BETWEEN KM:- 58+400, 58+500.





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, #1/441/16, लक्ष्मी टावर्स के पीछे,
नए आर.टी.सी बस स्टैंड के पास, कडपा - 516 001, वाई.एस.आर जिला, आंध्र प्रदेश

Project Implementation Unit, #1/441/16, Behind Lakshmi Towers, Maruthi Nagar,
Near RTC Bus Stand, **KADAPA** - 516 001, YSR District, Andhra Pradesh.

ई-मेल/e-mail: piukadapa@nhai.org, kadapanhai@gmail.com; वेब/web: www.nhai.gov.in

NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/ 16183

Date 17.08.2024

To

The Executive Engineer, Construction Division, APTransco, Anantapuramu - 515 004.	M/s Dhruv Consultancy Services Limited in JV with M/s. G-Eng Advisory Services Private Limited and in association with M/s Kaius Consulting Private Limited, #501, Plot No.67, Pujit Plaza, Opp. K-Star Hotel, Sector-11, C.B.D. Belapur, Navi Mumbai - 400 614. E-mail: tl.bengaluruviyawadapkg1@gmail.com	M/s RAJ PATH INFRACON NH-544G PKG-3 PRIVATE LIMITED, #403, Pride House, 4 th Floor, S.No.108, Ganeshkind Road, Opposite Pune University, PUNE - 411 016 E-mail: raj@rajpathinfra.com
---	---	--

Sub: NHAI, PIU-Kadapa - Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch.45+700) to Odulapalle (Ch.72+000) of Bengaluru - Vijayawada Economic Corridor of NH-544G on HAM Mode under Bharatmala Pariyojana Phase-I in the state of Andhra Pradesh (**Package-3**) - APTransco - Erection of proposed 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula village, Mudigubba Mandal between Km.58+400 & 58+500 - **Observations for compliance - Reg.**

Ref: (i) IE-M/s. Dhruv Consultancy Services Ltd., Letter No. IE/DGKCSPL/NH-544G/RPINP3PL/Pkg-3/2024-25/121 dated 14.08.2024
(ii) Concessionaire M/s. Raj Path Infracon NH-544G PKG-3 Private Limited Letter No. Raj Path/Site/BV/Pkg-3/421/2024-25 dated 12.08.2024
(iii) T/o. Lr. No.NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/15784 dt.17.08.2024
(iv) Y/o. Lr. No.EE/Const.Divn/ATP/AEE.T/F.No.Mudigubba/D.No.624/2024 dt.03.07.2024

Sir,

This has reference to the letter under reference (iv) cited above vide which the Executive Engineer, APTransco, Anantapuramu has submitted the proposal for crossing of 132KV DC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli near Malakavemula village, Mudugubba Mandal between Km.58+400 & Km.58+500 of the subject project.

2. The said proposal was referred to the Independent Engineer and the Concessionaire of the project vide letter under reference (iii) cited above for their recommendations. The Independent Engineer and the Concessionaire vide letters under reference (i) & (ii) cited above has submitted the recommendations of the said proposal.

3. As per the recommendations of the Independent Engineer and the Concessionaire, the proposal has been verified in this office and the following are observations made.

4. The Executive Engineer, APTransco, Ananthapuram has not mentioned in the proposal whether the proposed crossing of Electrical line comes under public utilities or Industrial utilities.

5. As per the MORT&H Guidelines No NH-36094/01/2022-S&R (P&B) (E-208825) dated 24.04.2023 stating as follows;

Contd....2

(Handwritten signature)

Clause 5.1 - License fee for Industrial Utilities shall be equal to utilized NH land area X prevailing circle rate of land per unit area X 10% per annum. Utilized NH Land area shall include projection of utility on ground including area of supporting system / tower. License Fee for total term of license (upto maximum of 5 years) shall be deposited in advance.

Clause 5.2 - License fee for Public Utilities shall be equal to utilized NH land area X prevailing circle rate of land per unit area X 1.5% per annum, subject to minimum of Rs.10,000/-, with 6% annual increment. Utilized NH Land area shall include area of support system / tower but not include projection of utility on ground. License Fee for total term of license (upto maximum of 5 years) shall be deposited in advance.

6. Accordingly, the signed calculation sheet along with proof of unit rates village wise from Registration & Stamps Department has to be submitted considering the prevailing Circle rate of land at the proposed location as per Andhra Pradesh revenue records.
7. Checklist for getting approval for laying of utility services is not as per MoRT&H Circular dated 22.11.2016 (Copy of circular with the soft & hard copy is enclosed herewith for your reference).
8. The signatures of APTransco Authorities, IE, Concessionaire is required on all the drawings, checklist, calculation sheet, proof of unit rates village wise from Registration & Stamps Department, photographs of site inspection, photographs of crossing locations, et.
9. A Certificate stating the following has not been enclosed in the proposal.
 - a) Laying of utility line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
 - b) Relocate ~~service road / approach road~~ / Utilities at their own cost notwithstanding the permission granted within such time as stipulated by NHAI for future development.
10. It is requested to submit the above, for taking further necessary action.

Encl: As above

Yours Sincerely,



(Chinta Venugopal)

DGM (Tech.) & Project Director



Dhruv Consultancy Services Ltd.
Joint Venture with
G-Eng Advisory Services Pvt. Ltd.
Associate with
Kaius Consulting Pvt. Ltd.

501, Plot No. 67, Pujit Plaza, Opp. K - Star Hotel,
Sector-11, C.B.D. Belapur, Navi Mumbai – 400 614
Telefax No. +91 22 27570710, Mobile: - +91
9619497305 Website: www.dhruvconsultancy.in
Email ID: info@dhruvconsultancy.in,
services@dhruvconsultancy.in
CIN No. L74999MH2003PLC141887

Letter No. IE/DGKCSPL/NH-544G/RPINP3PL/Pkg-3/2024-25/121

Date: 14 -08-2024

To,
The Project Director,
Project Implementation Unit – KADAPA,
D.No. 1/441/16, Behind Lakshmi Towers,
Maruthi Nagar, Near RTC Bus Stand,
KADAPA – 516 001, YSR District, Andhra Pradesh.
E-mail: kadapanhai@gmail.com

Sub.: Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch. 45+700) to Obulapalle (Ch. 72+000) of [NH-544G] Bengaluru – Vijayawada Economic Corridor on HAM Mode under Bharatmala Pariyojana Phase-1 in the state of Andhra Pradesh (Package-3): **AP Transco – Erection of Proposed 132 KV DC/SC line to proposed 132/33 KV SS Mudigubba from 132 KV LIS Y.Kothapalli – Crossing of proposed Greenfield Economic Corridor of NH-544 G near Malakavemula, Mudigubba Mandal between Km.58+400 to 58+500 –Submission of recommendations along with signed check list - Reg.,**

Ref: (i) Concessionaire Agreement date: 06.06.2023
(ii) Concessionaire Appointment date: 02.03.2024
(iii) Authority Lr.No:NHAI/PIU-KDP/16006/1/2024/NH-544G/Pkg-3/Utilities/15784, dated; 04.07.2024
(iv) Concessionaire Lr.No: Raj Path / Site / BV /Pkg-3/ 421/2024-25, dated; 12.08.2024.


Dear Sir,

With reference to the above subject matter and the Authority asked for recommendations referred above Vide at Sl.No.(iii) which the Executive Engineer, AP Transco, Ananthapuramu has submitted the proposal for crossing of 132 KV DC/SC line to proposed 132 / 33KV SS Mudigubba from 132 KV LIS Y. Kothapalli near Malakavemula village, Mudigubba Mandal between Km.58+400 and Km.58+500 of the subject project.

Accordingly, IE and concessionaire examined the subject proposal as per revised MoRT&H guidelines and submitting the recommendations along with signed check list jointly by the IE and Concessionaire which is enclosed herewith for onward recommendation to RO, Vijayawada for approval.

Thanking you and assuring for your long services will remain.

Yours Sincerely,



P. Jagan Mohan Reddy
Team Leader
For Dhruv Consultancy Services Ltd., Joint Venture with
G-Eng Advisory Services Pvt. Ltd. Associate with Kaius Consulting Pvt. Ltd.,


Encl: As Above.

Copy to: 1. Concessionaire - RajPath Infracon NH-544G Pkg-3 Private Limited - Package-3.
2) The Authorized Signatory, Dhruv Consultancy Services Ltd., Joint Venture with G-Eng Advisory Services Pvt. Ltd. Associate with Kaius Consulting Pvt. Ltd.

ANR Residency, Flat No. 201,202and 302, Sai Sarva Dharma Colony Street Road, Prasanthigram, Sri Sathya Sai District, 515134, Andhra Pradesh. Email ID: tl.bengaluruviijayawadapkg1@gmail.com

1	General Information		Concessionaire observation	Remark
1.1	Name and address of the applicants	Executive Engineer, Construction Division, APTRANSCO, Anantpur	Not Applicable	
1.2	Nation Highway Number	NH-544G Green field Highway from Bengluru to Vijaywada	NH-544G Green field Highway from Bengluru to Vijaywada	
1.3	State	ANDHRA PRADESH	ANDHRA PRADESH	
1.4	Location	Near Malakavemula village, Mudigubba Mandal, Sri Satya sai Dist.	Near Malakavemula village, Mudigubba Mandal, Sri Satya sai Dist.	
1.5	Chainage in KM	Between -KM 58+400 and 58+500	Between -KM 58+400 and 58+500	
1.6	Width of available ROW	NH- 71 Mtrs, Ring Road- 61 Mtrs	NH- 71 Mtrs, Ring Road- 61 Mtrs	
1.7 A)	Left side from centre line towards increasing Change/ KM direction	35.5 Mtrs	35.5 Mtrs	
b)	Right side from centre line towards increasing Change/ KM direction	35.5 Mtrs	35.5 Mtrs	
1.8	Proposal to lay over head electrical line			
a)	Left side from centre line towards increasing Change/ KM direction	87.5 Mtrs	87.5 Mtrs	
b)	Right side from centre line towards increasing Change/ KM direction	174.5 Mtrs	174.5 Mtrs	
C)	Angle of crossing	87°17'40"	87°17'40"	
1.9	Proposal to acquired land	Not Applicable	Not Applicable	
a)	Left side from centre line		Not Applicable	
b)	Right side from centre line		Not Applicable	
1.10.	Whether proposal is in the same side where land is not to be acquired, if not then where to lay cable		No comments	
1.11	Details already laid service, if any along the proposal route		No comments	
1.12	Number of lanes (2/4/6/8 lanes) exesting	6 lanes	6 lanes	
1.13	Service Road existing or not, if yes then which side		Proposed	
a)	Left side from centre line		182.3 Mtrs	
b)	Right side from centre line		175.6 Mtrs	
1.14	Proposed service road		164.3 Mtrs	
a)	Left side from centre line		119 Mtrs	
b)	Right side from centre line			
1.15	whether proposal to lay cable is after the service road or between the service road and main carriage way	Not Applicable	Not Applicable	
1.16	The permission for laying over head electrical line shall be conciderd for approval /Rejection based on the Ministry circulars mentioned above	Not Applicable	Not Applicable	
2	Document / Drawing enclosed with the Proposal	Not Applicable	Not Applicable	
2.1	Cross section showing the size of the trench for open trenching method (is it normal size of 1.2 m deep X 0.3 m wide) i) Should be greather than 60 cm wider than the outer diameter of the pipe. ii) Located as close to the extreme edge of the ROW as possible but not less than 15 mtrs from the centre of the nearest carriage way iii) Shall not be Permitted to run along the National Highway when the road formation situated in double cutting nor shall be lead over existing culverts and bridges iv) These should be so laid that their top is at least 0.6 mtrs below the ground level so as not be obstructed drainage of the road land	Not Applicable	As per proposal from APTRANSCO, Its not Applicable	
2.2	Cross section showing the size of the pit and location of cable for HDD method	Not Applicable	ANDHRA PRADESH	
2.3	Strip plan / route plan showing over head electricals line , chainage width of ROW, important mile stone, intersection etc.	Yes	Provided by APTRANSCO	
2.4	Methodology for laying of over head electricals line	132 Kv EHT LINE	Provided by APTRANSCO	
2.4.1	Open trenching method (May be allowed in utility corridor only where cement concreat nor dense bituminous concreat type). If yes methodology of refilling of trench	Not Applicable	Not Applicable	
3	Draft licence agreement signed by two witness	Eclosed	Not Applicable	


(CONCESSIONAIRE)


Resident Engineer
Independent Engineer
BKV-3, NH-544G



4	initially (extendable if required till satisfactory completion of work) as a security of ensuring /making good the excavated trench for laying the cable / ducts by proper filling and compaction, cleaning debris/ loose earth produced due to excavation of trenching at least 50 mtrs any from the edge of the right of the way . No payment shall be payable by the NHAI to the licensee for clearing debris / loose earth	Not Applicable	Not Applicable	
4.1	Performance bank guarantee as per above is to be obtained		Not Applicable	
4.2	Confirmation of BG has been obtained as per NHAI guidelines		Not Applicable	
5	Affidavit / Undertaking from the applicant for obtaining approval is enclosed or Not	Under taking is enclosed here with	Not Applicable	
5.1	Not to be damage to other utility, if damage than to pay the losses either to NHAI or to the concerned agency	Yes	Not Applicable	
5.2	Renewal of Bank gurantee	Not Applicable	Not Applicable	
5.3	Conforming all standered condition of NHAI's	Yes	Desideded by APTRANSCO	
5.4	Shifting of overhead electricals line as and when required at there own cost	Yes	Desideded by APTRANSCO	
5.5	Shifting due to 6 lanning/ widening of NH	Yes	Not Applicable	
5.6	Idemnity against all damages and claims clause (xxiv)	Yes	Not Applicable	
5.7	Traffic movement during laying of over head electricals line to be managed by applicant	Yes	APTRANSCO scope	
5.8	Perior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alternation to the overhead electricals line located in the National highway Right of way	Yes	APTRANSCO scope	
5.9	Expenditure if any incurred by NHAI for repairing any damage caused to the National highway by the laying maintance or shifting of the over head line will be borne by the agency owing the line	Yes	APTRANSCO scope	
5.10.	If the NHAI considers if necessary in future to move the utility lines for any work of improvement or repaires to the road it will be carried out as desired by the NHAI at the cost of agency owing the utility line within a reasonable time of the intimation	Yes	Scope in NHAI /APTRANSCO	
5.11	Certificate from the application in the following format (i) Laying of over head electricals line will not have any deletrious effect on any of the bridge components and road ways safety for traffic (ii) for 6	Yes	yes	
6	Certificate from the project Director	Yes	No comments	
6.1	Certificate for conforming of all standard condition issued vide ministry circular Not applicable NH-111/P/66/76 dated 19.11.1796, Ministry cercular Not applicable RW/ NH-111/66/76 dated 11.05.1982,an Ministry circular Not applicabe RW/NH-110371/1/86/DOI dated 19-11-1995	Not Applicable	Not Applicable	
6.2	Certificate from the PD in the following formate " It is certified that any other location of the electric cable would be stremlly difficult and unreasonable costly and the installation of electric cable with in ROS 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. , (b) for 6 lanning (i) where feasiblity is available " I do certify that there will be no hindrence to proposed structure as the said location(ii) in case feasibility report is not available " I do certify that sufficient ROW is available at the site for accomidating proposed 6-lanning.	Not Applicable	Not Applicable	

(CONCESSIONAIRE)

Resident Engineer
Independent Engineer
BKV-3, NH-544G



7	right to lay cable /duct has also been granted as a right of way to the concessionaire under the concession agreement for upgradation of (NH 205 section at APTRANSCO crossing section of NH not applicable build, operate and transfer basis) and there fore , the licence shall honour the same"	Not Applicable	APTRANSCO scope	
8	Who will supervise the work of laying of over head electric line	Executive Engineer, Construction Division,APTRANSCO, Anantpur	APTRANSCO scope	
9	Who will ensure that the defects in the road portion after laying of OH electric line are corrected and if not corrected the action will be taken	Executive Engineer, Construction Division,APTRANSCO, Anantpur	APTRANSCO scope	
10	Who will pay the claims for the damage done / disrupted in working of concesionaire if asked by the concessionaire	Executive Engineer, Construction Division,APTRANSCO, Anantpur	APTRANSCO scope	
11	A certificate from the PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Yes	NHAI scope	
12	If any previous approval is accorded for laying of OH electrical line than photo copy of register of record of the permission accorded as maintained by OD may be enclosed	NA	Not Applicable	



(CONCESSIONAIRE)



**Resident Engineer
Independent Engineer
BKV-3, NH-544G**





भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन, इकाई, #1/441/16, लक्ष्मी टावर्स के पीछे,
नए आर.टी.सी बस स्टैंड के पास, कड़पा - 516 001, वाई.एस.आर जिला, आंध्र प्रदेश

Project Implementation Unit, #1/441/16, Behind Lakshmi Towers, Maruthi Nagar,
Near RTC Bus Stand, **KADAPA** - 516 001, YSR District, Andhra Pradesh.

ई-मेल/e-mail: piukadapa@nhai.org, kadapanhai@gmail.com; वेब/web: www.nhai.gov.in



NHAI/PIU-KDP/16006/1/2024/NH-544G/PKG-3/Utilities/15784

Date 04.07.2024

To

M/s Dhruv Consultancy Services Limited in JV with M/s. G-Eng Advisory Services Private Limited and in association with M/s Kaius Consulting Private Limited, #501, Plot No.67, Pujit Plaza, Opp. K-Star Hotel, Sector-11, C.B.D. Belapur, Navi Mumbai - 400 614. E-mail: tl.bengaluruviijayawadapkg1@gmail.com	M/s RAJ PATH INFRACON NH-544G PKG-3 PRIVATE LIMITED, #403, Pride House, 4 th Floor, S.No.108, Ganeshkind Road, Opposite Pune University, PUNE - 411 016, E-mail: raj@rajpathinfra.com ;
---	---

Sub: NHAI, PIU-Kadapa - Development of Six-Lane Access Controlled Greenfield Highway from Vankarakunta (Ch.45+700) to Odulapalle (Ch.72+000) of Bengaluru - Vijayawada Economic Corridor of NH-544G on HAM Mode under Bharatmala Pariyojana Phase-I in the state of Andhra Pradesh (Package-3) - APTransco - Erection of proposed 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli - Crossing of proposed Greenfield Economic Corridor of NH-544G near Malakavemula village, Mudigubba Mandal between Km.58+400 & 58+500 - Recommendation called for - Reg.

Ref: (i) EE, Construction Division APTransco, Anantapuramu Letter No. EE/Const.Divn/ATP/AEE.T/F.No.Mudigubba/D. No.624/2024 dated 03.07.2024
(ii) MoRT&H guidelines OM No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016

Sir,

This has reference to the letter under reference (i) cited above vide which the Executive Engineer, APTransco, Anantapuramu has submitted the proposal for crossing of 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y. Kothapalli near Malakavemula village, Mudugubba Mandal between Km.58+400 & Km.58+500 of the subject project.

2. Hence, it is requested to examine the subject proposal as per the MoRT&H guidelines OM No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 & revised guidelines OM No. RW/NH-36094/01/2022-S&R(P&B) (E-208825) dated 24.04.2023 and submit the recommendation along with signed checklist jointly by the IE & Concessionaire to this office by 08.07.2024, for onward recommendation to RO, Vijayawada for approval.

Encl: As above

Yours faithfully,

(Chinta Venugopal)

DGM (Tech.) & Project Director

Copy to the Executive Engineer, Construction Division, APTransco, Anantapuramu



TRANSMISSION CORPORATION OF ANDHRA PRADESH LTD

From
The Executive Engineer,
Construction Division,
APTransco,
Anantapuramu-515004

To
The Project Director,
Project Implementation Unit,
National Highway Authority of India Ltd,
#1/441/16, Behind Lakshmi Towers,
Maruthi Nagar, Kadapa.

Lr.No.EE/Const.Divn/ATP/AEE.T/F.No.Mudigubba/D.No: 624 /2024.Dt:03.07.2024.

Sir,

Sub: APTRANSCO – Construction Division – Ananthapuramu - Erection of proposed 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli – crossing of Proposed Greenfield Highway from Vankarakunta (Ch. 45+700) to Odulapalle (Ch.72+000) of Bengaluru – Vijayawada Economic Corridor under Bharatmala Pariyojana Phase-I in the state of Andhra Pradesh (Package-3) near Malakavemula (Village), Mudigubba (Mandal) between chainage KM. 58+400 & 58+500 – Proposals submitted - Approval for Greenfield Highway Crossing – Requested - Regarding.

* * * * *

The following documents are here with submitted for your kind perusal in respect to the approval of crossing Greenfield Highway for above subjected line.

1. Check list of documents & crossing details.
2. An undertaking of indemnifying NHAI for any damages caused due to proposed stringing.
3. Common undertaking to ensure compliance of all safety norms during stringing work.
4. An undertaking to ensure compliance of all safety norms during stringing work.
5. An undertaking regarding traffic movement.
6. An undertaking that relocation of towers during further modification of Greenfield Highway.
7. 132KV DC/SC line to proposed 132/33KV SS from 132KV LIS Y.Kothapalli Greenfield Highway crossing point profile.

The above documents being submitted seeking approval for crossing of above subject line at Green field Highway NH-544G chainages between KM. 58+400 & 58+500. Kindly process our application at the earliest for approval of NH-544G Greenfield Highway crossing by Proposed 132KV DC/SC line to proposed 132/33KV SS Mudigubba from 132KV LIS Y.Kothapalli.

Thanking you.

Encl: As above – 03 sets

NHAI-PIU, KADAPA		
Inw.	23586	
Date	04.07.24	
Mgr-1	Mgr-2	
SE-1	SE-2	
SE-3	SE-4	
LAO	PA/Steno	
Acc.	IT	YHE

Yours Sincerely,


EXECUTIVE ENGINEER
CONSTRUCTION DIVISION,
ANANTHAPUR.

Copy Submitted to:-

The Chief Engineer/Projects/VS/Vijayawada.

The Superintending Engineer/Projects/Fields/Kurnool

(*) for favour of information please.

Copy to the Deputy Executive Engineer/Construction/SD-II/Anantapuramu for follow up action.