



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र 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 / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब / web: www.nhai.gov.in



Ref: NHAI/RO-VJA/PIU - ATP/NOC/ AM GEPL /2023-24/ 4323

Dt.06.12.2023

To

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

Sub: **RO - Vijayawada** - Permission for crossing of 400 KV Double Circuit Twin mosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Switching Station across Hyderabad - Bangalore section of NH-44 at Km.235.230, Near Ullindhakonda Village, Kallur Mandal, Kurnool District in the State of Andhra Pradesh - **Public comments** - Reg.


Sir,

Please find enclosed herewith a proposal submitted by M/s. AM Green Energy Pvt Ltd for permission for crossing 400 KV Double Circuit Twin mosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Switching Station across Hyderabad - Bangalore section of NH-44 at Km.235.230, Near Ullindhakonda Village, Kallur Mandal, Kurnool District in the State of Andhra Pradesh.

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-Anantapur 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.

Yours faithfully,

Encl: As above


(R.K. Singh),
Regional Officer
RO - Vijayawada

Copy to:

- (i) PD, PIU - Anantapur
- (ii) M/s. AM Green Energy Pvt Ltd - for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र 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 / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/PIU - ATP/NOC/ AM GEPL /2023-24/ 4322

Dt.06.12.2023

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for crossing of 400 KV Double Circuit Twin mosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Switching Station across Hyderabad - Bangalore section of NH-44 at Km.235.230, Near Ullindhakonda Village, Kallur Mandal, Kurnool District in the State of Andhra Pradesh - **Public comments** - Reg.

The Project Director, PIU - Anantapur submitted a proposal of M/s. AM Green Energy Pvt Ltd for permission for crossing of 400 KV Double Circuit Twin mosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Switching Station across Hyderabad - Bangalore section of NH-44 at Km.235.230, Near Ullindhakonda Village, Kallur Mandal, Kurnool District in the State of Andhra Pradesh.

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).

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),
Regional Officer
RO - Vijayawada



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 - अनंतपुरम्
6-4-239, तीसरा क्रॉस, मारुति नगर, अनंतपुरम्

PROJECT IMPLEMENTATION UNIT ANANTAPURAMU
6-4-239, 3rd Cross, Maruthi Nagar, Anantapuramu - 515 004.

टेली / Tele : 91-8554-275599 ई-मेल / Email: anantapur@nhai.org nhai@piuatp@gmail.com

NHAI/PIU-ATP/11021/23/NOC/1187

23.11.2023

✓ Regional Officer
National Highways Authority of India
Regional Office
Door No.41-29-45A, 3rd & 4th floors
Near Kodandaramalayam
Chalasani Nagar, Ranigarithota
Krishnalanka, VIJAYAWADA - 520 013



(Romleau)
28/11/23
SE-1/2/3
PA-moh

Sub: Operation and Maintenance of Hyderabad - Bangalore section from Km 211.000 to Km 462.164 of NH-7 (Total length 251.164 Km) in the state of Andhra Pradesh: Crossing of 400 KV Double Circuit Twin mosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Swithcing Station at Km.235.230, Near Ullindhakonda Village, Kallur Mandal, Kurnool District- Approval for NH crossing - Permission -Requested reg.,

- Ref:**
1. DPR Consultant, M/s Aarvee Associates letter no.5578 dtd 02.11.2023.
 2. SC, M/s SA Infrastructure Pvt Ltd letter no.0282 dtd 28.10.2023.
 3. This office letter no.0990 dtd 05.10.2023.
 4. M/s. AM Green Energy Pvt Ltd. letter no. Nil (Received on 29.09.2023).

Sir,

This has reference to M/s. AM Green Energy Pvt. Ltd., letter under reference 4th cited above, requesting to accord the permission for Crossing of 400 KV Double Circuit Twin mosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Swithcing Station at Km.235.230, Near Ullindhakonda Village, Kallur Mandal, Kurnool District of Andhar Pradesh and sought the approval.

2. In this regard, the DPR Consultant vide letter dtd 02.11.2023 has informed that they have examined the subject proposal and submitted the following comments,
 - a) Applicant has furnished the proposal for 1 nos. HT line crossing at Km.235.230 on Hyderabad-Bangalore section of NH 44.
 - b) The approximate level difference between existing road level to proposed finished road level is given below.

| S.No. | Existing Location Km. | Vertical clearance proposed, m | Exisitng Ground level in, m | Finished Road level, m | Approximate level difference between existing road to proposed FRL in m, |
|-------|-----------------------|--------------------------------|-----------------------------|------------------------|--|
| 1 | 235.230 | 24.2 | 332.924 | 333.292 | 0.368 |

- a) In view of above the Electrical crossing proposal is recommended by the DPR Consultant.
3. Further, the SC of the subject stretch vide letter dtd 28.10.2023 has informed that as per norms, the actual required height from FRL to the lowest conductor is satisfied. As such, the proposal of Electrical line crossing was recommended.

Cont...2

Ba

Building a Nation, Not Just Roads

4. The proposal for stringing the electrical line submitted by M/s. AM Green Energy Pvt. Ltd., is as under.
- (a) The location of power line crossing is at existing chainage at Km 235.230 near Ullindakonda village on Hyderabad - Bangalore section is furnished in the drawing.
 - (b) No part of the foundation of electrical tower will fall in ROW of NHAI.
 - (c) The electrical towers are erected at more than 30 m from the centre of ROW, i.e., at a distance of 103 mts on LHS & 113 mts on RHS from centreline of median.
 - (d) After accounting the maximum possible sag in bottom conductor, the vertical clearance at road crossing point is 24.2 m.
 - (e) M/s. AM Green Energy Pvt. Ltd., has ensured that they will follow the provisions of IRC 32-1969, CEA Regulations/Statutory provisions of Indian Electricity Rules and other relevant guidelines issued.
5. Further, the M/s. AM Green Energy Pvt. Ltd., have submitted the following.
- (i) Undertakings on Non-judicial stamped paper of Rs. 10/-.
 - (ii) License deed for laying overhead electric power line across NH land on Non-judicial stamped paper of Rs. 50/-.
 - (iii) Check list for getting approval for laying of overhead electric power line across NH land.
 - (iv) Crossing details at NH.
 - (v) Sketch showing crossing of overhead line.
6. The location of crossing the 400 KV line was inspected and the following are submitted.
- (a) There is no habitation around the proposed location and the vertical clearance of the Electrical line proposed is 24.2 m, which is more than the suggested clearance for 400 KV line.
 - (b) M/s. AM Green Energy Pvt. Ltd., has proposed to erect the towers on both ends in the private land to maintain 24.2 m clearance from FRL of the road.
7. In view of the above, it is requested to accord approval for the proposal for crossing of 01 nos of 400 KV line at the above location, please.

Yours faithfully

Encl: As above

(A. Tarun Kumar)

DGM (Tech.) & Project Director

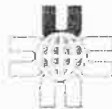
Copy to:

- 1. DPR Consultant, M/s Aarvee associates.
- 2. Team Leader, M/s SA Infrastructure Pvt Ltd.



SA INFRASTRUCTURE
CONSULTANTS PVT LTD

in
Association
with



UPHAM INTERNATIONAL
CORPORATION
Engineers, Planners and Project Managers

Project Office :
First Floor, D. No. 6-2-994, Plot No. 485,
Survey No. 55.2B, Ramnagar, Anantapur,
Distt. - Anantapur, (Andhra Pradesh) - 515 001
Phone No.: +91 8554796783
Email: tl.omthydblr@sainfra.co.in

Letter No. SAICPL-UIC/ATP/NHAI/2023/0282

To,
The Project Director
National Highways Authority of India,
6-4-239, 3rd Cross Maruti Nagar,
Ananthapuram - 515004.

Dear Sir,

Sub: Consultancy Service of Supervision Consultancy Services (SC) for Operation and maintenance of Hyderabad - Bangalore section from Km.211.000 to Km.462.164 of NH 44 (Old NH 7) in the state of Andhra Pradesh: **Crossing of 400KV Double Circuit Twin Mosse Transmission Line (S/C string on D/C Towers) from Kodumur PSS to Central Pooling Switching station at Km 235+230 i.e between the Km 235.200 to 235.400, Near Ulindakonda Village, Kallur Mandal, Kurnool District, Approval for NH Crossing -Permission-requested-reg.**

Ref: 1. NHAI/PIU-ATP/11021/23/NOC/990 on dated: 05.10.2023.

This has Reference to the Authority's Letter cited vide Ref no 1, wherein were requested to review the proposal for approval NH-44 crossing of Crossing of 400KV Double Circuit Twin Mosse Transmission Line (S/C string on D/C Towers) from Kodumur PSS to Central Pooling Switching station at Km 235+230 i.e. between the Km 235.200 to 235.400, Near Ulindakonda Village, Kallur Mandal, Kurnool District

In view of the above, we conducted a thorough review of the proposal for the NH-44 crossing. On 21.10.2023, a joint inspection was carried out in conjunction with SC representatives and M/s AM Green Energy Pvt Ltd representatives. Enclosed are photographs from the site inspection for your perusal.

The clarifications provided by M/s. AM Green Energy Pvt. Ltd were diligently reviewed and found to be in order. I am pleased to inform you that, in accordance with the MORT&H/NHAI guidelines, the following comments are submitted offer:

1. Laying of Transmission Line should not affect the progress of present and future works in the entire.
2. The proposed Transmission Lines should be laid as per the drawing/sketch enclosed and as per the MORT&H guidelines. Minimum vertical clearance from the Road Top level to bottom point of the lowest conductor should be 24.2 m (in all seasons) as specified in the application.
3. The application/ executing agency has to provide all the necessary safety arrangements and traffic management as per IRC: SP: 55 -2014 during execution.

Y.R. Subramanya
28-10-23

NHAI PIU, Anantapur

Inward No : 2590

E-Mail dad :

Original dtd : 28.10.2023

P.S / P.A

S.E : -1

S.E : -2

Rt. Tahsildar

Accountant

Data Clerk

IT Expert

4. Prior Information has to be given to NHAI, Concessionaire and IE regarding the start of the work.

The detailed check list for access permission has been enclosed for the furtherance.

This is for your information and necessary action please

Thank you and assuring you of our best professional services at all times.

**For SA Infrastructure Pvt. Ltd., in association
With Upham International Corporation.**

Yr Subramanyam
28-10-23

**Team Leader
Yr Subramanyam**

Encl; 1. Photographs.
2. Annexure-1 (Checklist)

Copy to: 1) Authorised Signatory SA Infrastructure Pvt. Ltd. Noida.



Joint Inspection of Green Energy & SC Representatives @ 235+200



Nhai PIU Anantapur <nhaipiatp@gmail.com>

Operation and Maintenance of Hyderabad –Bangalore section from Km 211.000 to Km 462.164 of NH-7 (Total length 251.164Km) in the state of Andhra Pradesh: Crossing of 400 KV Double Circuit Twinmosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Switching Station at Km.235.230 i.e., between the Km.235.200 to 235.400, Near Ullindhakonda Village, Kallur Mandal, Kurnool District-Approval for NH crossing - Permission -Requested reg.,

U. Paparaju <paparaju@aarvee.net>
To: Nhai PIU Anantapur <nhaipiatp@gmail.com>

Wed, Nov 8, 2023 at 11:11 AM

Dear Sir,

In continuation to the trailing mail, it is to mention that cross section drawing of Highway with proposed vertical clearance is reviewed and it is noted that 24.2m of vertical clearance is proposed.

Thanks & Regards,
Bhanu Chandar

From: U. <paparaju@aarvee.net>

To: Nhai <nhaipiatp@gmail.com>

Date: Thursday, 2 November 2023 12:57 PM IST

Subject: Re: Operation and Maintenance of Hyderabad –Bangalore section from Km 211.000 to Km 462.164 of NH-7 (Total length 251.164Km) in the state of Andhra Pradesh: Crossing of 400 KV Double Circuit Twinmosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Switching Station at Km.235.230 i.e., between the Km.235.200 to 235.400, Near Ullindhakonda Village, Kallur Mandal, Kurnool District-Approval for NH crossing - Permission -Requested reg.,

[Quoted text hidden]

| | |
|----------------------|--|
| NHAI, P.U. Anantapur | |
| 3935 | |
| 27-11-23 | |
| Original dtd: | |
| PS/P.A | |
| S.E:-1 | |
| S.E:-2 | |
| S.E:-3 | |
| Rt. Tahsildar | |
| Accountant | |
| Data Lake | |
| IT Expert | |
| Y.H.E. | |

Letter No. AA/HW/NHAI/2116/2023-24/5578

Date 02.11.2023

To,
The Project Director
Project Implementation Unit (PIU),
National Highways Authority of India,
Anantapur, Andhra Pradesh.
E-mail: nhaipuatp@gmail.com

Sub: DPR - Consultancy Services for preparation of DPR for "Augmentation of existing 4 lane Section of NH-44 from Km.211.00 (Kurnool) to Km. 534.72 (Devanahalli Village in the State of Karnataka) to 6 lane Partial Access Controlled Highway in the State of Andhra Pradesh & Karnataka"- **Crossing of 400 KV Double Circuit Twinmosse Transmission Line (S/C string on D/c Towers) from Kodumur PSS to Central Pooling Swithcing Station at Km.235.230 i.e., between the Km.235.200 to Km.235.400, Near Ullindhakonda Village, Kallur Mandal, Kurnool District-Approval for NH crossing -Report submitted-reg**

Ref: 1. Your office email dt. 31.10.2023

Dear Sir,

This has reference to the email cited, wherein it has been requested to furnish the comments on the above mentioned proposed Electrical crossing. In this regard, proposal has been examined and following comments are herewith furnished.

- (i) Applicant has furnished the proposal for 1 No's HT line crossing at between existing Chainage Km.235+200 to Km.235+400.
- (ii) It is noted that the said location is falling at Design Km.235+150 as per the Draft Detailed project report.
- (iii) The approximate level difference between existing road level to proposed finished road level is given below.

| Sl.No. | Design Km | Vertical clearance proposed, m | Existing Ground level in 'm' | Finished Road level in 'm' | Approximate level difference between existing road to Proposed FRL in m, |
|--------|-----------|--------------------------------|------------------------------|----------------------------|--|
| 1 | 235+150 | 24.2 | 332.924 | 333.292 | 0.368 |

- (iv) Applicant in its methodology, stated that "After the stringing a clearance of 24.2m would be maintained from the road surface to the bottom most conductor of the line". However, cross section drawing of Highway with proposed vertical clearance is not submitted. Applicant may be requested to submit the above drawings.

In view of the above the above Electrical Crossing proposal may be recommended subject to the following conditions:

- (i) Applicant must ensure that the vertical clearance be maintained as per the standards with respect to the proposed finished road level.

- (ii) During six-laning of the Project Highway, if required, applicant must shift/upgrade the electrical crossings at their own cost and shall not be claimed from the Authority.
- (iii) Applicant shall be responsible for the safety of all construction works, such as erection of towers, stringing of line along and across the NH Road.
- (iv) Applicant shall inform to the Authority and Concessionaire prior to execution of the erection works.

This is submitted for taking further necessary action.

Thanking you and assuring you of our best services at all times,

With Best Regards,

for M/s. Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.,



(S. S Reddy)

Team Leader cum Senior Highway Engineer

Copy to: Regional Officer, NHAI, Vijayawada – for kind information.

| | |
|---------------------|---------|
| NHA. PIU. Anantapur | |
| Inward No : | 3233 |
| E-Mail dad : | |
| Original dtd : | 26/9/23 |
| P.S / P.A | |
| S.E : -1 | |
| S.E : -2 | |
| Rt. Tahsildar | |
| Accountant | |
| Data Lake | |
| IT Expert | |

From
Krishnendu Roychowdhury
Sr. General Manager
 Transmission & Regulatory
 M/s AM Green Energy Pvt Ltd.
 MYHOME TWITZA, 5th Floor,
 Plot No. 30/A, Survey No. 83/1,
 APIIC Knowledge City of Raidurg,
 Rangareddy Dist. Hyderabad-500081
 Telengana

To
The Project Director
 Project Implementation Unit
 National Highways Authority of India
 Anantapur

Sub: Proposed National Highway 44 crossing of 400 KV Double Circuit Twin moose Transmission line (S/C string on D/C Towers) from Kodumur PSS to Central Pooling Switching Station at Km 235.230 i.e., between the KM stones 235.200 to 235.400, Near Ullindhakonda Village, Kallur Mandal, Kurnool District. - Approval for NH crossing - Requested - Regarding.

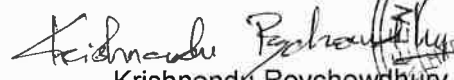
Please find the following documents enclosed here with for your kind perusal in respected to the approval of crossing NH-44 for above subjected line.

1. Check list of documents & crossing details.
2. Particular showing the proposed transmission line details.
3. An undertaking of indemnifying NHA for any damages caused due to proposed stringing.
4. Agreement regarding granting of permissions for laying utility services across National Highways.
5. Common undertaking to ensure compliance of all safety norms during stringing work.
6. An undertaking to ensure compliance of all safety norms during stringing, regarding traffic movement, relocation of towers during further modification of NH.
7. 400 KV Double Circuit Twin moose Transmission line (S/C string on D/C Towers) from Kodumur PSS to Central Pooling Switching Station Near Ullindhakonda Village, Kallur Mandal, Kurnool District NH-44 crossing point profile.

The above documents being submitted seeking approval for crossing of above subjected line at NH-44 at Km 235.230 i.e., between the KM stones 235.200 to 235.400. Kindly process our application at the earliest for approval of NH-44 crossing by 400 KV Double Circuit Twin moose Transmission line (S/C string on D/C Towers) from Kodumur PSS to Central Pooling Switching Station Near Ullindhakonda Village, Kallur Mandal, Kurnool District.

Thanking you sir.

Yours faithfully,


 Krishnendu Roychowdhury
 Sr. General Manager
 Transmission & Regulatory
 M/s AM Green Energy Pvt Ltd.

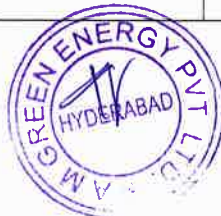



CHECK LIST

Guidelines for processing the proposal for Providing 400 KV Double Circuit Twin moose Transmission line (S/C string on D/C Towers) from Kodumur PSS to Central Pooling Switching Station laying of utility line in the land along National Highways vested with NHAI.

| Sl.No | Item | Information /Status | Remarks |
|-------|---|--|---------|
| 1 | General Information | | |
| 1.1 | Name and address of the Applicant/ Agency | Krishnendu Roychowdhury, Sr. General Manager - Transmission & Regulatory, M/s AM Green Energy Pvt Ltd, MY HOME TWITZA, 5th Floor, Plot No. 30/A, Survey No. 83/1, APIIC Knowledge City of Raidurg, Rangareddy Dist. Hyderabad-500081 | |
| 1.2 | National Highway Number | NH-44 | |
| 1.3 | State | Andhra Pradesh | |
| 1.4 | Location | Near Ullindhakoda village, Kallur Mandal, Kurnool District | |
| 1.5 | Chainage/Km | NH-44 road at Km 235.230 i.e., between the KM stones 235.200 to 235.400 from RHS to LHS | |
| 1.6 | Length in meters | - | |
| 1.7 | Width of available Row | | |
| | a) Left side from centre line towards increasing chainage /Kms direction | 30 mts | |
| | b) Right side from centre line towards increasing chainage/km direction | 30 mts | |
| 1.8 | Proposal to lay the utility line (proposal to lay over head electrical line) | | |
| | a) Left side from centre line towards increasing chainage /Km direction | 103 mts | |
| | b) Right side from centre line towards increasing chainage/km direction | 113 mts | |

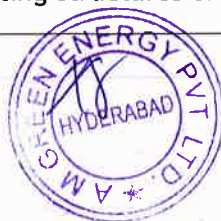

Project Director
NHAI P.I.U., Anantapur.





TEAM LEADER
G&M Hyd-Bng NH-44
INFRASTRUCTURE CONSULTANT
D.No. 6-2-994, 1st
Ram Nagar, ANANTAPUR
Andhra Pradesh - 515 001

| | | | |
|------|---|--------|--|
| | c) Angle of crossing | 89° | |
| 1.9 | Proposal to acquire the land | NA | |
| | a) Left side from centre line | - | |
| | b) Right side from centre line | - | |
| 1.10 | Whether proposal is in the same side where land is not to be acquired | YES | |
| | If not then where to lay the utility line | - | |
| 1.11 | Details of already laid services, if any along the proposed route | NA | |
| 1.12 | Number of existing lanes (2,4,6,8 lanes) existing | 4 lane | |
| 1.13 | Proposed number of lanes 2 lane with paved shoulders/4/6/8 lanes) | NA | |
| 1.14 | Service road existing or not, If yes then which side | NA | |
| | a) Left side from centre line | | |
| | b) Right side from centre line | | |
| 1.15 | Proposed service road | NA | |
| | a) Left side from centre line | | |
| | b) Right side from centre line | | |
| 1.16 | Whether proposal to lay utility line is after the service road or between the service road and main carriage way | NA | |
| 1.17 | Whether carrying of utility line has been proposed on highway Bridges.If yes, then mention the methodology proposed for the same | NA | |
| 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 | NA | |
| 1.19 | If crossings of the road involved if Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expanses of the agency owning the line | | |
| | a) Whether the existing drainage structures are allowed to carry the utility pipeline | NA | |
| | b) Is it on align normal to the NH | NA | |
| | c) What is the distance of crossing the utility pipelines from the existing structures crossing shall not be too near the existing structures on | NA | |


Project Director
NHAI P.I.U., Anantapur.





TEAM LEADER
O&M Hyd-Bng NH-44
S&I INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

| | | | |
|-----|---|--------------|--|
| | the National Highways. The minimum distance being 15 mts. | | |
| | 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 | NA | |
| | e) Ends of the casing pipe shall be sealed from the outside. So that it does not act as a drainage path | NA | |
| | f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of the slope in the fills. | NA | |
| | 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 | NA | |
| | 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. | NA | |
| | 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 | NA | |
| 2 | Document/Drawings enclosed with the proposal | Yes Enclosed | |
| 2.1 | Cross section showing the size of the trench for open trenching method (Is it nominal size of 1.2m 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 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. | NA | |

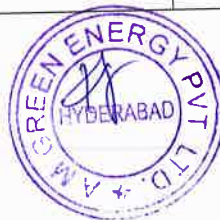

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| 2.2 | Cross section showing the size of the pit and location of cable for HDD method | NA | |
| 2.3 | Strip plan/ route plan showing the utility line chainage, width of ROW, distance of proposed pipeline from the edge of ROW. Important milestone intersections, cross drainage works etc. | Yes Enclosed | |
| 2.4 | Methodology for laying over head electric line | 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 | | |
| | (a) The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipe. | NA | |
| | (b) For filling of the trench bedding shall be to a depth of not less than 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. | NA | |
| | (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. | NA | |
| | (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 ponding will permitted. | NA | |
| | (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. | NA | |
| | (f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. | NA | |
| | (g) If required a diversion shall be constructed at the expense of agency owning the utility line | NA | |
| 2.4.2 | Horizontal directional drilling method (HDD method) | NA | |

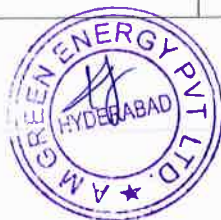

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| 2.4.3 | Methodology for laying of the utility line through CD works and method of laying in case where the carrying of utility line on the bridge becomes inescapable | NA | |
| 3 | Draft licensee agreement is signed by two witnesses | Enclosed | |
| 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 dtd 24.04.2023 | NA | |
| 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. | NA | |
| 4.1 | Confirmation of BG has been obtained are not as per MORTH/ NHAI Guidelines | NA | |
| 5 | Affidavit/ undertaking from the applicant from the following is to be furnished | Yes Enclosed | |
| 5.1 | Undertaking not to damage any other utility, If damaged to pay the losses either NHAI or to the concerned agency. | Yes Enclosed | |
| 5.2 | Undertaking for renewal of BG as when asked by MORTH/ NHAI. | NA | |
| 5.3 | Undertaking for confirming all standard condition of Ministry circulars and NHAI's Guidelines. | Yes Enclosed | |
| 5.4 | Undertaking for Indemnity against all damages and claims. | Yes Enclosed | |
| 5.5 | Undertaking for management of traffic movement during laying utility line without hampering the traffic. | Yes Enclosed | |
| 5.6 | Undertaking that if any claim is raised by the Concessionaire/contractor then the same has to be paid by the applicant. | Yes 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. | Yes 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. | Yes Enclosed | |


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| 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 | Yes 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. | Yes Enclosed | |
| 5.11 | If the MoRTH/NHAI considers it necessary in future to move the utility line for any work of improvement or repair to the road, if 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. | Yes 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. | Yes Enclosed | |
| 6 | Who will sign the agreement on behalf of utility line agency | Krishnendu Roychowdhury, Sr. General Manager - Transmission & Regulatory, M/s AM Green Energy Pvt Ltd, Hyderabad | |
| 6.1 | Power of attorney to sign the agreement is available or not. | Yes | |
| 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 | |

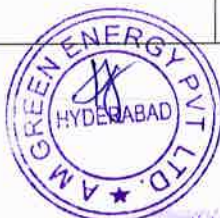

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| 7.2 | <p>Certificate from PD in the following format</p> <p>(i) It is certified that any other location of the utility line would be extremely difficult and unreasonable costly and the crossing of utility line across ROW will not adversely affect 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-lanning</p> <p>(a) Where feasibility is available "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 "I do certify that sufficient ROW at site for accommodating proposed 6 lining"</p> | Yes | |
| 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 of 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 honors the same. | NA | |
| 9 | Who will supervise the work of laying of utility line | | |
| | a) On behalf of the applicant | Krishnendu Roychowdhury, Sr. General Manager - Transmission & Regulatory, M/s AM Green Energy Pvt Ltd, Hyderabad | |
| | b) On behalf of MORTH/NHAI | PD, PIU, NHAI, ATP | |
| 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. | | |
| | a) On behalf of the applicant | Krishnendu Roychowdhury, Sr. General Manager - Transmission & Regulatory, M/s AM Green Energy Pvt Ltd, Hyderabad | |
| | b) On behalf of NHAI | PD, PIU, NHAI, ATP | |


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| 11 | Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the concessionaire | | |
| | On behalf of applicant | Krishnendu Roychowdhury, Sr. General Manager - Transmission & Regulatory, M/s AM Green Energy Pvt Ltd, Hyderabad | |
| 12 | A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed Proforma | Yes | |
| 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. | NA | |





Name Designation and Signature of the authorized representative of applicant



Name Designation and Signature of concerned filed authority of NHAI

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