



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, कृष्णलंका, 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 -NLR/2024/ 2667

Dt.19.09.2024

To

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

Sub: Grant of permission for laying of water supply pipeline along/across NH-67 from Km.711.500 to Km.712.600 (LHS), Km.713.100 to Km.713.570 (LHS) & Km.718.500 to Km.723.870 (LHS) and 2 no's of crossings at Km.708.870 & at Km.723.870 - for a total length of (6940m + 60m = 70000m) in Nellore District of Andhra Pradesh - Reg.

Sir,

Please find enclosed herewith a proposal submitted by Executive Engineer, P.H Special Division, Public Health and Municipal Engineering Department, SPS Nellore District for laying water supply pipeline along/across NH-67 from Km.711.500 to Km.712.600 (LHS), Km.713.100 to Km.713.570 (LHS) & Km.718.500 to Km.723.870 (LHS) and 2 no's of crossings at Km.708.870 & at Km.723.870 - for a total length of (6940m + 60m = 70000m) in Nellore District 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-Nellore 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,

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

Encl: As above

Copy to:

(i) PD, PIU - Nellore

(ii) Executive Engineer, P.H.Special Division, Public Health and Municipal Engineering Department, SPS Nellore District - for information.

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, नेल्लोर, आंध्र.

Project Implementation Unit, Nellore, A.P.

जी.एन.टी. राड, के साथ बाईपास रोड जंक्शन, वेदयापालेम, नेल्लोर - ५२४ ००४, आंध्र.

Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.



दूरभाष : Ph No : 0861-2366040

ई-मेल : email : nel@nhai.org,
nhainel@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref.No.11019/02/vol.1/NHAI/PIU/NLR/NH-67/NOC/2024-3034

Date:05.09.2024

To,

The Regional Officer,
National Highways Authority of India,
Regional Office,
Ranigarithota, Krishnalanka,
Vijayawada -520013.

11 SEP 2024
5587

Sub:Comprehensive water supply Improvement scheme on performance-based O&M for 7 years including Defect Liability period of 2 years under AMRUTH 2.0 (Tranche-1) scheme- Proposal to lay water supply pipeline along /across NH-67 from Km 711+500 to Km 712+600 (LHS), Km 713+100 to Km 713+570 (LHS) & Km 718+500 to Km 723+870 (LHS) and 2 no's of crossings at Km 708+870 & at Km 723+870- for a total length of (6940 Mts.+60 Mts.=7000 Mts.)- Provisional Permission - Requested- Regd.

- Ref:
- EE, P.H Special Division, Public Health and Municipal Engineering Department Lr. no. Buchi/AMRUT2.0/2023-1/680M, dt 12.10.2023
 - PIU Lr. No. 14011/2/Vol.1/NHAI/PIU-NLR/MORTH/NH-67/2023/1115, dt 17.10.23
 - EE, PH Special Division Lr No. Buchi/AMRUT 2.0/2023/9044 dt 21.12.23
 - PIU Lr. 11019/02/Vol.1/NHAI/PIU/NLR/NH-67/NOC/2023/1608, dt 01.01.2024
 - Supervision Consultant Lr. No. Armenge/Site/2023/Chu-Nellu/19, dt 12.01.2024
 - PIU Lr. 11019/02/Vol.1/NHAI/PIU/NLR/NH-67/NOC/2023/1844, dt 05.02.2024
 - EE, PH Special Division Lr No. Buchi/AMRUT 2.0/2024-25/224, dt 04.04.2024
 - PIU Lr.11019/02/Vol.1/NHAI/PIU/NLR/NH-67/NOC/2023/2324, dt 08.04.2024
 - Supervision Consultant Lr. No. Armenge/Site/2023/Chu-Nellu/68, dt 30.04.2024
 - PIU Lr. 12024/1/Vol.1/NHAI/PIU/NLR/NH-67/NOC/2024/2529, dt 31.05.2024
 - EE, PH Special Division Lr No. Buchi/AMRUT 2.0/2024-25/365, dt 09.07.2024
 - PIU Email dated 03.08.2024, 07.08.2024 and 10.08.2024
 - EE, PH Special Division, Email dt 13.08.2024
 - Supervision Consultant Lr. Armenge/Site/2023/Chu-Nellu/115, dt 21.08.2024

Sir,

This is reference to the subject matter cited above, wherein Executive Engineer, P.H Special Division, Public Health and Municipal Engineering Department, SPS Nellore, Govt. of Andhra Pradesh has submitted proposal to lay water supply pipeline along /across NH-67 from Km 711+500 to Km 712+600 (LHS), Km 713+100 to Km 713+570 (LHS) & Km 718+500 to Km 723+870 (LHS) and 2 no's of crossings at Km 708+870 & at Km 723+870- for a total length of (6940m +60m =7000m), in Nellore District of Andhra Pradesh.

2. In this regard, the chronology of events occurred in the matter is submitted as under;

- Initially, Executive Engineer vide letter cited u/r (i) above has requested this office to accord permission to lay water supply pipelines in the project ROW. In response, t/o vide letter cited u/r (ii) above has informed to EE, that MoRT&H has issued guidelines regarding Accommodation of Public and Industrial Utility Services along and across National Highways vide below mentioned circular(s) and requested to follow;

4

- a) RW/NH-33044/29/2015/S&R (R), dt 22.11.2016.
- b) NOC Enhancement/NIC/MoRTH/2022/1 dt 13.05.2022.
- c) RW/NH-33044/29/2015/S&R (R), dt 29.07.2022.
- d) NH-36094/01/2022/S&R (P&B)/E-208825, dt. 24.04.2023.

- ii. Accordingly, applicant has filed the proposal through online mode vide application No. 20231114/1/7/21664/3698 dt 14.11.2023 and informed this office vide their letter cited u/r (iii). The proposal as received is forwarded to the Supervision Consultant with a request to verify the in accordance with the MoRT&H guidelines and submit report.
- iii. Accordingly, SC has informed that there are certain observations/shortcomings in the proposal. Further, the same is informed to the applicant for compliance vide this office letter(s) cited u/r (vi), (viii) & (x). The communicated observations are as under;
 - a) 2 nos of crossings are proposed at Km 708+870 (30 meters) using 1500 mm diameter & at Km 723+870 (30 meters) using 900 mm diameter using MS pipe HDD Technique. However, details of the nearest structure are not provided.
 - b) Configuration of the road (2/4 lane), where the pipeline is proposed to be laid, is not mentioned.
 - c) As per checklist - Sl. no. 2.3- The Strip/Route plan submitted doesn't have the key features of the road, details of the pipeline proposal mentioned. It is requested to provide a colour (various) Strip plan to identify.
 - d) As per checklist -Sl. no. 2.4 - No methodology has been furnished with regards to open Trench or HDD techniques and 2.4 (g) of checklist-the word "Petroleum pipeline" shall be replaced with "Water pipeline".
 - e) Laying of pipeline will affect the avenue plantation (if any) at certain locations. Therefore, the details (locations, no. of plants, species etc.) along with required undertakings regarding replantation & obtaining required clearance/permissions with concerned departments etc. are required to be submitted.
 - f) POA to Executive Engineer on behalf of P.H Special Division, Govt. of Andhra Pradesh, SPSR Nellore issued by Superintending Engineer, Public Health Circle, SPSR Nellore is not officially stamped.
 - g) Sl. no. 3 of checklist- the draft license agreement is to be signed by two witnesses. The submitted proposal contains signature of one witness only.
 - h) Sl. no. 5 of checklist- 5.9 - Undertaking the text of the license deed is as per verbatim of MoRTH format issued is missing and Sl. No. 5.10- Undertaking to obtain various clearances is not submitted.
 - i) The circle rate of land obtained from AP Revenue and Stamps department is not enclosed and to be signed by Authorized Signatory.
 - j) As per EE letter dated 04.04.2024, the chainages proposed to lay and the license fee calculated are not matching. To be clarified and modified accordingly. (if any).
 - k) PSBG calculation furnished is not as per MoRTH circular F. No. RW/NH 33044/29/2015/S&R(R) dated 22.11.2016. This shall be calculated based on the diameter of the pipes which are categorised into 5 types.
 - l) The online proposal filed and the offline file submitted are differing in lengths. Hence, requested to resubmit.

3. In response to the observations raised by this office , the Executive Engineer vide letter cited u/r (xi) and (xiii) above has reapplied the online proposal vide application number. 20240808/1/7/21664/9456 on 12.08.2024 by making necessary corrections and submitted copies through mail on 13.08.2024. Further, informing that the observations

raised were attended and requested to accord permission to lay the pipeline at the proposed chainages.

3.1 The revised proposal was communicated to Supervision Consultant for verification w.r.t MoRTH circular no.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 & subsequent amendment MoRTH circular No. NH-36094/01/2022-S&R(P&B) dt 17.04.2023.

4. Based on the recommendations received from Supervision Consultant vide letter cited u/r (xiv) above, the revised proposal was examined in accordance with guidelines and the details of the proposal are as under;

- a) The proposal submitted by Executive Engineer, P.H Special Division, Public Health and Municipal Engineering Department, duly requesting ROW permission along/across NH-67 at the following locations; Total length 7000 Rmt.
 - Km 711+500 to Km 712+600 (LHS), length= 1100
 - Km 713+100 to Km 713+570 (LHS), length = 470
 - Km 718+500 to Km 723+870 (LHS), length = 5370
 - 2 no's of HDT crossings at Km 708+870 & at Km 723+870, length= 60
- b) Checklist in accordance to MoRTH Guidelines is enclosed for laying of pipeline in NH ROW and the same is found in order.
- c) Draft License Deed submitted is in the standard format.
- d) Power of Attorney. Authorisation to sign the license deed has been issued to Executive Engineer by Superintending Engineer, Public Health Circle, Nellore.
- e) Construction methodology through HDD method is enclosed, found in order.
- f) Cross section showings the size/diameter of water supply pipeline is enclosed.
- g) Strip/Route plan for crossing of pipeline, other key features are shown.
- h) Undertaking for requisite performance Bank Guarantee @ Rs.100/-, Rs. 250/- and Rs. 500/- per route meter and license free for 5 years as per MoRTH Guidelines dated 22.11.2016 has been obtained from agency. Upon receipt of provisional approval of the proposal from Competent Authority, the Performance Bank Guarantee amounting to Rs. 15,92,500/- and License fee amounting to Rs. 2,00,110/- will be collected from the applicant. Calculations sheet is enclosed
- i) Standard Undertakings in accordance to MoRTH guidelines checklist from 5.1 to 5.12 are also submitted.
- j) Applicant had informed that various safety clearances referred in point no.5.10 of the MoRTH guidelines are not obtained as the same are not applicable to present proposal but are applicable for electrical lines/Gas/Oil pipelines.
- k) Certificate from PD that the proposal is confirming to all standard conditions issued vide MoRTH circular no. RW/NH/33044/29/2015/S&R® dated: 22.11.2016 is enclosed

5. Considering above, the proposal submitted by Executive Engineer, has been verified in accordance with guidelines of MoRTH circular No. RW/NH/33044/29/2015/S&R(R) dated 22.11.2016 and generally found to be in order.

6. Based on the recommendations of Supervision Consultant, the proposal is herewith recommended to Competent Authority/RO-Vijayawada for granting of approval/permission for laying of Water supply pipeline along NH-67 in Badvel to Nellore section of NH-67 from Km 711+500 to Km 712+600 (LHS), Km 713+100 to Km 713+570 (LHS) & Km 718+500 to Km 723+870 (LHS) and 2 no's of crossings at Km 708+870 & at Km 723+870- for a total route /running length of 7000 Rmt in Nellore District of Andhra Pradesh.

Encl: 3 Sets (1 Original + 2 Copies)

Yours faithfully,



(M.K Chowdary)

GM (T) & Project Director

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of water supply Pipeline & confirms that all the standard conditions are satisfied as per guidelines of Ministry Circular No. RW/NH/33044/29/2015/S&R(R) dated 22.11.2016.
2. It will be ensured that supervision of the work of laying of utility and the defects in road portion if any, after laying of utility are corrected, by user agency.
3. It will be notified/ Forfeit the BG for claims for damages done/disruption in working, if any.
4. It is to certify that upon of approval for the above proposal, the same will be entered in the Register of Records of the permission in the prescribed proforma.



(M.K Chowdary)
GM (T) & Project Director
NHAI-PIU-Nellore.



ARMENGE ENGINEERING PRIVATE LIMITED

(Formerly known as ARMENGE Engineering and Management Consultants Pvt. Ltd)

An ISO 9001:2015 Company | CIN: U93000RJ2012PTC040949 | GST No: 08AALCA1902D1Z4 | MSME No: RJ17E0001547

Corporate Office: - B-223, RAS Colony (Shiv Officer's Colony), Jagatpura, Jaipur - 302017, Rajasthan

Email id: armengecorporate@gmail.com Mob: 8118876958

Ref. No. Armenge/Site/2024/Chu-Nellu/115

Dated 21.08.2024

To,

The Project Director,
National Highways Authority of India,
PIU-Nellore, By pass Road Junction,
Old GNT Road, Vedayyapalem,
Nellore-524004 (A.P).

Sub: Supervision Consultant (SC) for maintenance works and activities on Chunchuluru- Nellore section from Km 652.200 to Km 741.950 of NH-67 (Design length-89.75 Km) in the state of Andhra Pradesh- Comprehensive water supply Improvement scheme under AMRUTH 2.0 (Tranche-1) scheme- Proposal to lay water supply pipeline along / across NH-67 from Km 711+500 to Km 712+600 (LHS), Km 713+100 to Km 713+570 (LHS) & Km 718+500 to Km 723+870 (LHS) and 2 no's of crossings at Km 708+870 & at Km 723+870- for a total length of (6940 Mts.+60 Mts.=7000 Mts.)- **Provisional Permission-Requested-Recommended- Regd.**

- Ref:
- EE, P.H Special Division, Public Health and Municipal Engineering Department Lr. no. Buchi/AMRUT2.0/2023-1/680M, dt 12.10.2023
 - PIU Lr. No. 14011/2/Vol.1/NHAI/PIU-NLR/MORTH/NH-67/2023/1115, dt 17.10.23
 - EE, PH Special Division Lr No. Buchi/AMRUT 2.0/2023/9044 dt 21.12.23
 - PIU Lr. 11019/02/Vol.1/NHAI/PIU/NLR/NH-67/NOC/2023/1608, dt 01.01.2024
 - Supervision Consultant Lr. No. Armenge/Site/2023/Chu-Nellu/19, dt 12.01.2024
 - PIU Lr. 11019/02/Vol.1/NHAI/PIU/NLR/NH-67/NOC/2023/1844, dt 05.02.2024
 - EE, PH Special Division Lr No. Buchi/AMRUT 2.0/2024-25/224, dt 04.04.2024
 - PIU Lr.11019/02/Vol.1/NHAI/PIU/NLR/NH-67/NOC/2023/2324, dt 08.04.2024
 - Supervision Consultant Lr. No. Armenge/Site/2023/Chu-Nellu/68, dt 30.04.2024
 - PIU Lr. 12024/1/Vol.1/NHAI/PIU/NLR/NH-67/NOC/2024/2529, dt 31.05.2024
 - EE, PH Special Division Lr No. Buchi/AMRUT 2.0/2024-25/365, dt 09.07.2024
 - PIU Email dated 03.08.2024, 07.08.2024 and 10.08.2024
 - EE, PH Special Division, Email dt 13.08.2024
 - PIU Email dated 21.08.2024

Dear Sir,

With reference to the above subject matter and your good office email dated 21.08.2024 cited under reference (xiv) above, wherein it was requested to examine the revised proposal obtained from the Executive Engineer, P.H Special Division, Public Health and Municipal Engineering Department, SPS Nellore, Govt. of Andhra Pradesh on dt 13.08.2024 and submit report in accordance with the MoRT&H guidelines

2. In this regard, the following is submitted;
- Initially, Executive Engineer vide letter cited u/r (i) above has requested this office to accord permission to lay water supply pipelines in the project stretch. In response, PD PIU Nellore vide letter cited u/r (ii) above has informed to EE, that MoRT&H has issued guidelines regarding Accommodation of Public and Industrial Utility Services along and across National Highways vide below mentioned circular(s) and requested to follow;

- RW/NH-33044/29/2015/S&R (R), dt 22.11.2016.
- NOC Enhancement/NIC/MoRTH/2022/1 dt 13.05.2022.
- RW/NH-33044/29/2015/S&R (R), dt 29.07.2022.
- NH-36094/01/2022/S&R (P&B)/E-208825, dt. 24.04.2023.

Received on 21-08-24	
No. By Hand 6516	
PD	<input checked="" type="checkbox"/>
MGR/ Dy. MGR	<input type="checkbox"/>
LAO 123	<input type="checkbox"/>
PA/Accts	<input type="checkbox"/>
SE 12345	<input checked="" type="checkbox"/>

G.Paw
Highway Cum Resident Engin
ARMENGE Engineering Pvt. Lt
NH-67 Atmakur

ii. Accordingly, applicant has filed the proposal through online mode vide application No. 20231114/17/21664/3698 dt 14.11.2023 and has informed to PD office vide their letter cited u/r (iii). The same was forwarded to us with a request to verify the proposal in accordance with the MoRTH guidelines and submit report.


iii. Accordingly, we have inspected the proposed site along with the applicant's representative and found that there are certain observations/shortcomings in the proposal, the same were informed to PIU for taking necessary action. Based on our office report, PIU has informed the applicant to resubmit the proposal by duly complying the observations raised. The observations are as under;

- a) 2 nos of crossings are proposed at Km 708+870 (30 meters) using 1500 mm diameter & at Km 723+870 (30 meters) using 900 mm diameter using MS pipe HDD Technique. However, details wrt to nearest structure are not provided.
- b) Configuration of the road (2/4 lane), where the pipeline is proposed to be laid, is not mentioned.
- c) As per checklist – Sl. no. 2.3- The strip plan/Route plan furnished doesn't have the key features of the road, details of the pipeline proposal mentioned. It is requested to provide a colour (various) Strip plan to identify.
- d) As per checklist -Sl. no. 2.4 - No methodology has been furnished with regards to open Trench or HDD techniques and 2.4 (g) of checklist-the word "Petroleum pipeline" shall be replaced with "Water pipeline".
- e) Laying of pipeline will affect the avenue plantation (if any) at certain locations. Therefore, the details (locations, no. of plants, species etc.) along with required undertakings regarding replantation & obtaining required clearance/permissions with concerned departments etc. are required to be submitted.
- f) POA to Executive Engineer on behalf of P.H Special Division, Govt. of Andhra Pradesh, SPSR Nellore issued by Superintending Engineer, Public Health Circle, SPSR Nellore is not officially stamped.
- g) Sl. no. 3 of checklist- the draft license agreement is to be signed by two witnesses. The submitted proposal contains signature of one witness only.
- h) Sl. no. 5 of checklist- 5.9 – Undertaking the text of the license deed is as per verbatim of MoRTH format issued is missing and Sl. No. 5.10- Undertaking to obtain various clearances is not submitted.
- i) The circle rate of land obtained from AP Revenue and Stamps department is not enclosed and to be signed by Authorized Signatory.
- j) As per EE letter dated 04.04.2024, the chainages proposed to lay and the license fee calculated are not matching. This shall be clarified and accordingly the total proposed length is also to be modified (if any).
- k) PSBG calculation furnished is not as per MoRTH circular F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016. This shall be calculated based on the diameter of the pipes which are categorised into 5 types.

3. In response of PIU letter dated 31.05.2024, EE, SP Nellore vide letter cited u/r (xi) and (xiii) above has reapplied the online proposal vide application number. 20240808/17/21664/9456 on 12.08.2024 by making necessary corrections and submitted copies to PIU through mail on 13.08.2024.

4. The said revised proposal was verified by SC and in line with MoRTH circular no.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 & subsequent amendment MoRTH circular No. NH-36094/01/2022-S&R(P&B) dt 17.04.2023, the details of the proposal are as under;

- a) The proposal submitted by Executive Engineer, P.H Special Division, Public Health and Municipal Engineering Department, duly requesting ROW permission along/across NH-67 at the following locations; Total length 7000 Rmt.
 - Km 711+500 to Km 712+600 (LHS), length= 1100
 - Km 713+100 to Km 713+570 (LHS), length = 470
 - Km 718+500 to Km 723+870 (LHS), length = 5370
 - 2 no's of HDT crossings at Km 708+870 & at Km 723+870, length= 60


Highway Cum Resident Engineer
ARMENG Engineering Pvt. Ltd.
W-6, Amiskur

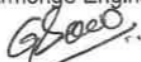
- b) Checklist in accordance to MoRTH Guidelines is enclosed for laying of pipeline in NH ROW and the same is found in order.
- c) Draft License Deed submitted is in the standard format.
- d) General power of Attorney. Authorisation to sign the license deed.
- e) Construction methodology for laying of water pipeline through HDD method is enclosed, found in order.
- f) Cross section showings the size/diameter of water supply pipeline for HDD method is enclosed.
- g) Strip/Route plan for crossing of pipeline, other key features are shown.
- h) Undertaking for requisite performance Bank Guarantee @ Rs.100/-, Rs. 250/- and Rs. 500/- per route meter for various diameters of water pipeline is calculated and license free for 5 years as per MoRTH Guidelines dated 22.11.2016 has been obtained from agency, upon receipt of provisional approval of the proposal. The Performance Bank Guarantee is amounting to Rs. 15,92,500/- and License fee is amounting to Rs. 2,00,110/-. Calculations sheet is enclosed
- i) Certificate by SC that the proposal is confirming to all standard conditions issued vide MoRTH circular no. RW/NH/33044/29/2015/S&R@ dated: 22.11.2016 is enclosed.
- j) Standard Undertakings in accordance to MoRTH guidelines checklist from 5.1 to 5.12 are also submitted.
- k) Applicant had informed that various safety clearances referred in point no.5.10 of the MoRTH guidelines are not obtained as the same are not applicable to present proposal but are applicable for electrical lines/Gas/Oil pipelines.

5. Based on the submission made above, it is submitted that the revised proposal has been verified and found to be in order and it is in accordance with MoRTH Guidelines dated 22.11.2016, thereby requesting to forward the proposal to Competent Authority/RO-Vijayawada for granting of approval for ROW permission towards laying of Water supply pipeline along NH-67 of Badvel to Nellore section from Km 711+500 to Km 712+600 (LHS), Km 713+100 to Km 713+570 (LHS) & Km 718+500 to Km 723+870 (LHS) and 2 no's of crossings at Km 708+870 & at Km 723+870- for a total route /running length of 7000 Rmt in Nellore District of Andhra Pradesh.

This is for your information and further necessary action please.

Thanking you and assuring our best services at all times.

Your faithfully,
Armenge Engineering Pvt. Ltd.



(G. Papa Rao)
Highway Maintenance cum Resident Engineer.

Copy to

1. The Armenge-Authorized Signatory- for information please.
2. M/s. RR Associates – for information please.

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of water supply Pipeline & confirms that all the standard conditions are satisfied as per guidelines of Ministry Circular No. RW/NH/33044/29/2015/S&R(R) dated 22.11.2016.
2. It will be ensured that supervision of the work of laying of utility and the defects in road portion if any, after laying of utility are corrected, by user agency.
3. It will be notified/ Forfeit the BG for claims for damages done/disruption in working, if any.



(G. Papa Rao)

Highway Maintenance cum Resident Engineer.

Highway Cum Resident Engineer
ARMENGE Engineering Pvt. Ltd
NH-67 Atmakur

CHECK LIST

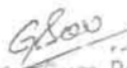
Guidelines for Project Directors/ Divisional Engineer/ Executive Engineer for processing the proposal for laying of Water Supply Pipeline in the land of National Highway

Relevant circulars :

1. Ministry circular No. NH-III/P/66/76 dated 18.11.1976
2. Ministry circular No. RW-NJ-III/P/66/76 dated 01.05.1982.
3. Ministry circular No. RW/NH-11037/1/86-DOI(II) dated 28.07.1993.
4. Ministry circular No. RW/NH-11037/1/86-DOI dated 19.01.1995.
5. Ministry circular No. RW/NH-34066/2/95/S&R dated 25.10.1999.
6. Ministry circular No. RW/NH-34066/7/2003 S&R (B) dated 21.09.2003.
7. Ministry circular No. RW/NH-33044/29/2015/S&R @ dated 22.11.2016.

Check list for getting approval for laying of Water pipeline on NH land

S.No.	Item	Information / Status	Remarks
1	General Information	<p>Providing Comprehensive Water Supply Improvement Scheme with Sangam Anicut as source and performance based O&M for 7 years including 2 years Defect Liability Period under AMRUT 2.0 (Tranche-1) in Buchireddypalem Nagar Panchayat - Laying of 600mm,450mm,300mm and 200mm dia DI Water Supply Pipe line along NH67 on Left Hand Side from CH.711+500 mts to CH.712+600 , CH.713+100 mts to CH.713+570 and CH.718+500 mts to CH.723+870(Sangam to Buchireddypalem) and two crossings of one at CH.708+870 near Sangam with Casing pipe of 1500mm dia MS and other at CH.723+870 near Buchireddypalem with Casing pipe of 900mm dia MS in SPSR Nellore District coming under NHAI Nellore in the state of Andhra Pradesh to provide water supply to Buchireddy palem Nagar Panchayat. The pipeline at the crossing will be laid at a minimum depth of</p>	


 Highway Cum Resident Engineer
 ARMENGE Engineering Pvt. Ltd.
 NH-67 Atmakur

		1.50 Mtr. below the natural ground level, by Horizontal Directional Drilling Method (HDD).	
1.1	Name and address of the Applicant/Agency	Executive Engineer, Public Health Special Division, D.No. 24-07-186, Beside Electrical Sub Station, Magunta Layout, Nellore-524003.	
1.2	National Highway Number	NH-67	
1.3	State	Andhra Pradesh	
1.4	Location	Laying of 600mm,450mm,300mm and 200mm dia DI Water Supply Pipe line along NH67 on Left Hand Side from from CH.711+500 mts to CH.712+600 , CH.713+100 mts to CH.713+570 and CH.718+500 mts to CH.723+870(Sangam to Buchireddypalem) and two crossings of one at CH.708+870 near Sangam with Casing pipe of 1500mm dia MS and other at at CH.723+870 near Buchireddypalem with Casing pipe of 900mm dia MS	
1.5	Chainage in Km	CH.711+500 mts to CH.712+600 , CH.713+100 mts to CH.713+570 and CH.718+500 mts to CH.723+870crossings at CH.708+870 and CH.723+870	
1.6	Length in Meters	7000	
1.7	Width of available ROW	-	
	a) Left side from center line towards increasing chainage/ km direction	15	
	b) Right side from center line towards increasing chainage/ km direction	15	
1.8	Proposal to lay water supply pipeline to Buchireddy palem Nagar panchayat.	Pipeline will be laid along LHS NH-67 in the ROW of the NH beyond the berms and with two crossings at above chainage location.	

M. Balhar
Executive Engineer
P.H. SPL. DIVISION
NELLORE.

G. Rao
Executive Engineer
P.H. SPL. DIVISION
NELLORE.

	a) Left side from center line towards increasing chainage/ km direction	15	
	i) Right side from center line towards increasing chainage/ km direction	NA	
1.9	Proposal to acquire land	No,	
	a) Left side from center line	NA	
	b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	NA	
	If not then where to lay the cable.	NA	
1.11	Details of already laid services, if any along with the proposed route	-	
1.12	Number of existing lanes (2/4/6/8 lanes)	2	
1.13	Proposed number of lanes (2 lane with paved shoulders 4/6/8 lanes)	NA	
1.14	Service road existing or not	No	
	If yes then which side		
	a) Left side from center line	NA	
	b) Right side from center line	NA	
1.15	Proposed service road		
	a) Left side from center line	NA	
	b) Right side from center line	NA	

1.16	Whether proposal to lay the water supply pipeline is after the service Road and main carriage way	N.A	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway Bridges. If yes, then mention	NA	

[Signature]
 22-11-2023
 20-11-23

[Signature]

Highway Cum Resident Engineer
 ARMENGE Engineering Pvt. Ltd.
 NH-67 Atmakur

	the methodology proposed for the same.		
1.18	Whether carrying of sewage/gas pipeline 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 the purpose at the expenses of the agency owing the line.	Yes, crossing will be done Horizontal Directional Drilling method.	
	a) Whether existing drainage structures are allowed to carry petroleum pipeline.	No	
	b) It is on a line normal to NH	Yes	
	c) What is the distance of crossing the water supply pipelines from existing structures. Crossings shall not be too near the existing structures on the National Highway, minimum distance being 15 meter.	Greater than 15 M, and the nearby structure at CH.708+870 is Box culvert 709/3 and nearby structure at CH.723+870 is Box culvert 725/1 .	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the petroleum 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.	Carrier pipeline will be laid of mild steel (MS) casing pipe of 1500 mm dia at CH.708+870 and 900 mm dia at CH.723+870	
	e) Ends of casing / conduit pipe shall be sealed from the outside, so	Yes	

[Signature]
Executive Engineer
P.H. SPL DIVISION
NELLORE.

[Signature]
Highway Cum Resident Engineer
ARMENGE Engineering Pvt. Ltd.
NH-67 Atmakur

	that it does not act as a drainage path.		
	f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	
	g) The top of the casing / conduit pipe should be at least 1.2 meters below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details.	Yes	
	h) Mention the methodology proposed for crossings of road for the proposed sewage / gas pipe line. Crossings shall be by drilling method (Trenchless Technology), specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	Crossing shall be done by Horizontal Directional Drilling method	
	i) The casing / conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes	

2	Document / Drawings to be enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2 m deep *0.3 m wide)		
	Should not be greater	YES	

[Signature]
Executive Engineer
P.H. SPL DIVISION
NELLORE.

[Signature]
Highway Cum Resident Engineer
ARMENGE Engineering Pvt. Ltd.
NH-67 Atmakur

	than 60 cm wider than the outer diameter of the pipe.		
	ii. Located as close to the extreme edge of the right of way as possible but not less than 15 m from the center lines to 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 least 0.6 m below the ground level so as not to obstruct drainage of the road land.	-	
2.2	Cross section showing the size of pit and location of cable for Cased Crossing method.	Attached	
2.3	Strip plan / Route plan showing the water supply pipe line, chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Incorporated in the Drawing	
2.4	Methodology for laying of the water supply pipe line.	Crossing will be done by Horizontal Drilling Method and open trench along side of the road beyond the berms of the road.	
	Open trenching method. (may be allowed in the waterline corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If	Pipe laying will not be executed on Cement concrete or Dense bituminous concrete pipe will be laid beyond berms of NH and Open excavation with a trench size of 0.90m x 1.70 m.	

[Signature]
 Highway Engineer
 NH-67 Atmakur

[Signature]

Highway Cum Resident Engineer
 ARMENCE Engineering Pvt. Ltd
 NH-67 Atmakur

	yes, what is the methodology of refilling of trench.	before laying of 600 mm dia DI pipeline, 0.60m x 1.40 m for laying 350mm DI ,0.50m x 1.20 m for laying of 300 DI ,200mm dia DI and trenchless technology for 1500 mm dia MS casing pipe & 900 mm dia MS casing pipe and with socket & spigot joints for every 6.00 m length and making water tight and refilling with excavated soils and compacting to original height section of trench	
	a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe	The trench width is within 60cm plus outer dia of the pipe.	
	b) For filling of the trench, bedding shall be at a depth of not less than 30 cm. it shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without a sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Yes	
	c) The backfill shall be completed in two stages (i) side fill to level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Yes	
	d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tempering and controlled addition of moisture to 95% of the proctor's density.	Yes	

[Signature]
Executive Engineer,
P.H. SPL. DIVISION
NELLORE.

[Signature]
Highways
ASME
80 67 21/2/2001

	Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted.		
	e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Yes	
	f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Barricades and flagman will be provided during the execution of work.	
	g) If required, a diversion shall be constructed at the expense of agency owning the water pipeline.	Yes	
2.4.2	Horizontal directional drilling (HDD) method.	Yes.	
2.4.3	Methodology for laying of pipe line through CD works and method of laying. In cases where the carrying of water pipe line on the bridge becomes inescapable.	The crossings are not coming across CD works.	
3	Draft license agreement is signed by two witnesses.	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	Enclosed	
4	Whether performance Bank Guarantee as per Ministry's circular No. RW/ NH-33044/29/2015/S&R (R) dated 22.11.2016 is obtained	A.Giridhar, Executive Engineer, Public Health Special Division, D.No. 24-07-186, Beside Electrical Sub-Station, Magunta Layout, Nellore, A.P. - 524003 in the form of Demand Draft issued in the favour PD Nellore.	An undertaking for agreement is attached herewith.

A.Giridhar
Executive Engineer
P.H. SPL. DIVISION
NELLORE.

G. Sreenivasulu Reddy
Highway Cum Resident Engineer
ARMENGE Engineering Pvt. Ltd.
NH-67 Atmakur

	National Highway by the laying, maintenance or shifting of the petroleum line will be borne by the applicant agency owing the line.		
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's Circular No. RW/ NH-33044/29/2015/S&R (R) dated 22.11.2016	Yes, Enclosed	
5.10	Undertaking that this has obtained various clearances from the Andhra Pradesh Government and any other statutory clearances as applicable, before applying to Highway Administration.	NA	
5.11	If the MoRTH/NHAI consider it necessary in future to move the water supply pipe line for any work of improvement or repairs to the road, it will be carried out as desired by the MoRTH/NHAI at the cost of the agency owing the petroleum line within a 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 water supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) "We do undertake that I/We will relocate service road/ approach road / utilities at my/our own cost notwithstanding the permission granted within	Yes, Enclosed	

[Signature]
Executive Engineer,
P.H. SPL. DIVISION
NELLORE.

[Signature]
Highway Resident Engineer
ARMENGE Engineering Pvt. Ltd.
NH-67 Atmakur

4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Yes	An undertaking for agreement is attached herewith.
5	Affidavit/ Undertaking from the Applicant for the following is to be furnished		
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, enclosed	
5.2	Undertaking for renewal of bank guarantee as and when asked by MoRTH/NHAI.	Yes, enclosed	
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 of petroleum line without tampering 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 that prior approval of the NHAI shall be obtained before undertaking any work for installation, shifting or repairs, or alterations to the petroleum located in the National Highway right-of-ways.	Yes, enclosed	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the	Yes, enclosed	

[Signature]

Highway Resident Engineer
ARMENGE Engineering Pvt. Ltd.
NH-67 Atmakur

	such time as will be stipulated by NHAI" for future six-laning or any other development."		
6.	Who will sign the agreement on behalf "Public Health and Municipal Engineering Department".	A.Giridhar, Executive Engineer, Public Health Special Division, D.No. 24-07-186, Beside Electrical Sub-Station, Magunta Layout, Nellore, A.P.- 524003	
	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 No. RW/ NH-33044/29/2015/S&R (R) dated 22.11.2016		
7.2	Certificate from PD in the following format		
	(i) "It is certified that any other location of the water supply pipe line would be extremely difficult and unreasonable costly and the installation of water supply pipe line within ROW will not adversely affect the design, stability & traffic safety of the Highway nor the likely future improvement such as widening of the carriageway, easing of curve etc."		

(ii) For 6-lanning		
(a) Where feasibility is available "I do certify that there will be no		

[Signature]

[Signature]

Highway Cum Resident Engineer
 ENGINE Engineering Pvt. Ltd.
 NH-67 Atmakur

	hindrance to proposed six laning based on the feasibility report considering proposed structures at the said location".		
	(b) In case of feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six lining".		
8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. "The permitted Highway on which License has been granted the right to lay water supply pipeline/ duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of () section from Km to Km of NH No. on Build : operate and transfer basis) and therefore, the license shall honor the same."		
9	Who will supervise the work of laying of water supply pipe line		
	a) On behalf of the applicant	Public Health & Municipal Engineering Department	
	b) On behalf of the MoRTH/NHAI	Project Director - NHAI/ Consultant	
10	Who will ensure that the defects in road portion after laying of gas water supply pipe line are corrected and if no corrected then what action will be taken.		
	a) On behalf of the applicant	A.Girdhar, Executive Engineer, Public Health Special Division, D.No 24-07-	


A. Giridhar
Executive Engineer
P.H. SPL. DIVISION
NELLORE.

G. S. Rao
Highway Cum Resident Engineer
M.V. Engineering Pvt. Ltd.
W-67 Atmakur

		186, Beside Electrical Sub-Station, Magunta Layout, Nellore, A.P.- 524003	
	On behalf of the MoRTH/NHAI		
11	Who will pay the claims for damage done /disruption in working of concessionaire if asked by the concessionaire		
	On behalf of the applicant	A.Giridhar, Executive Engineer, Public Health Special Division, D.No. 24-07-186, Beside Electrical Sub-Station, Magunta Layout, Nellore, A.P.- 524003	
12	A certificate from PD that he will enter the proposed permission in the register or record of the permission in the prescribed proforma (copy enclosed).	Yes	
13	If any various approval is accorded for laying of underground water supply pipe line, then Photocopy of register of records of permission accorded (as maintained by PD) be enclosed.		


Executive Engineer
Public Health Special Division,
Nellore

Executive Engineer
P.H. SPL. DIVISION
NELLORE.


Highway Cum Resident Engineer
Engineering Pvt. Ltd.
57 Atmakur



**GOVERNMENT OF ANDHRA PRADESH
PUBLIC HEALTH & MUNICIPAL ENGINEERING DEPARTMENT**

Received on	09.07.24
No. By Hand	6058
PD	
MGR/ Dy. MGR	
LAO 123	
PA/Accts	
SE 12/45	

From

Sri.A.Giridhar, B.tech.,
Executive Engineer,
P.H. Special Division,
Besides Water Tanks,
Magunta Nagar,
Nellore.

To

The General Manager(Tech) &
Project Director,
National Highway Authorities of
Nellore

Lr. No.Buchi /AMRUT 2.0/2024-25/ 365^m Dt: 9.07.2024.

Sir,

Sub:- Comprehensive Water Supply Improvement Scheme on performance based O&M for 7 years including Defect Liability period of 2 years under AMRUTH 2.0 (Tranche-I) in Buchireddypalem Nagara Panchayath - Agreements submitted - Permission for Laying of Pipeline- Requested - Regarding.

- Ref:-
1. Go.Ms No:12 MA & UD UBS Dept., Dt:20.01.2023.
 - 2.SE, PH Circle Nellore Agt No:07/2023-24 Dt:19.07.2023.
 - 3.The GM(T) PD NHAI,PIU Nellore Lr No:-11019/02/Vol.1/ NHAI/PIU/NLR/NH- 67/NOC/2024-1844 Dt:05.02.2024
 - 4.This office letter No:Buchi/AMRUT 2.0/2024-25/224M Dt:04.04.2024
 5. The GM(T) & PD NHAI,PIU Nellore Lr No12024/01/Vol.1/NHAI/ PIU/ NLR/ ARMENGE/NH-67/2024-2529 Dt:31.05.2024
 - 6.This office Memo No:Exp/Buchi/AMRUT 2.0/DB/TO/2024/65DEE Dt:10.06.2024
 7. The Dy.Executive Engineer, Public Health Sub Division, Nellore letter no:39E/NLR/NHAI/2024 Dt:08.07.2024.

It is to inform that , this office has requested for permission for laying of Water supply pipeline along NH-67 under AMRUT -2.0 Tranche-I Scheme in reference 4th cited and in response, the General Manager(Tech) & Project Director, NHAI, Nellore has requested certain particulars in the reference 5th cited for giving permission to lay the pipeline.

At present the permission required for laying of the pipeline is from CH.711+500 mts to CH.712+600, CH.713+100 mts to CH.713+570 and CH.718+500 mts to CH.723+870 and two crossings each of 30 mts of one at CH.708+870 near Sangam with Casing pipe of 1500mm dia MS and other at

CH.723+870 near Buchireddypalem with Casing pipe of 900mm dia MS for a total length of 7000mts and all the required information and agreements are herewith enclosed.

In this connection, I request that, kindly permit to lay the pipeline in the proposed chainages along the Highway and necessary charges will be paid after intimation.

Enclosures:-

1. Original Agreements and check lists- 2 No's
2. Copy of Agreements and check lists- 3 No's

Yours faithfully,



Executive Engineer,
P.H Special Division, Nellore.

