



Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar, फोन / Tel : 0866-2483910, ई-मैल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com वेब/ web: www.nhai.gov.in

Ref: NHAI/RO-VJA/ Pipeline/ 2023/ 1322

Date: 05.04.2023

То

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

Sub: Operation and Maintenance of 4 lane divided carriageway facility of Tada - Nellore section of NH-5 (New NH-16) from Km. 52.8 to Km. 163.6 on BOT basis in Andhra Pradesh - Permission for Laying of 250mm D1 K7 DI Pipeline along the NH-16 from Km.105.040 to 111.600 (Length 6560 Rmt on RHS) from AHP colony in Biradawada to Swarnamukhi River in Naidupet ULB - Reg

Sir,

Encl: As above

Please find enclosed herewith the proposal of Project Director, APTIDCO, Nellore for laying of 250mm dia DI pipe. line with a total length of 6560 Rmt across NH-16 at Km.105.040 to 111.600 at AHP colony in Biradawada to Swarnamukhi River in Naidupet in the state of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R (R) dated 22<sup>nd</sup> November 2016, the application along with the recommendation 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) **Regional Officer** RO - Vijavawada

Copy to PD, PIU - Nellore - for information

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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) श्रेत्रीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलसानी 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-मैल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com देब/ web: www.nhai.gov.in

### Ref: NHAI/RO-VJA/ Pipeline/2023/1324

Date: 05.04.2022

### INVITATION OF PUBLIC COMMENTS

Sub: Operation and Maintenance of 4 lane divided carriageway facility of Tada - Nellore section of NH-5 (New NH-16) from Km. 52.8 to Km. 163.6 on BOT basis in Andhra Pradesh - Permission for Laying of 250mm D1 K7 DI Pipeline along the NH-16 from Km.105.040 to 111.600 (Length 6560 Rmt on RHS) from AHP colony in Biradawada to Swarnamukhi River in Naidupet ULB - Reg

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The Project Director, PIU - Nellore submitted a proposal of Project Director, APTIDCO, Nellore for laying of 250mm dia DI pipe line with a total length 6560 Rmt MS Pipe across NH-16 at Km.105.040 to 111.600 at AHP colony, Birdawada to Swarnamukhi River in Naidupet in the state of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22<sup>nd</sup> November 2016, the Highway Administration will put out the application in the Public Domain 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, Door 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

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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सडक परिवहन और राजमार्ग मंत्रालय) National Highways Authority of India (Ministry of Road Transport & Highways) परियोजना कर्यान्वयन इकाई, नेल्लोर, आं.प्र. Project Implementation Unit, Nellore, A.P.



दूरभाष : Ph No : 0861-2366040 ई-मेल : email : nel@nhai.org, nhainel@gmail.com



प्रगति के पथ पर अग्रसर BHARATMALA ROAD TO PROSPERITY

जी.एन.टी. राड, के साध बाईपास रोड जंक्शन, वेदयापालेम, नेल्लगेर - ५२४ ००४, आंप्र. Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.

Ref: 11012/Pipeline/NH-16/NHAI/PIU/Nlr/2023-219

Date: 12.01.2023

राजमान

ay Authori

To The Regional Office, National Highways Authority of India, Regional Office Vijayawada.

Sir,

Sub: NHAI-PIU-Nellore- Operation & Maintenance from 54.383 to Km.165.183 section of NH-16 on BOT basis in Andhra Pradesh-Permission for Laying of 250 mm D1 K7 DI Pipeline along the NH-16 from Km.105.040 to 111.600 to i.e to a Total Length 6560 Rmt on Right Hand Side ROW 25 Rmt to 23 Rmt on National Highway No:16 from AHP colony in Biradawada to Swarnamukhi River in Nadiupeta ULB-Request for Provisional Approval-Reg.

### Ref:

- 1. APTIDCO Lr No. APTIDCO/Nellore Division/Biradawada CPWS Scheme Dt: 13.09.2022
- 2. This office letter no.1550 dated 27.09.2022.
- 3. IE Letter no. Aarvee/NHAI/NH-16/22-23/2743 dated 20.10.2022.
- 4. This office letter no.1728 dated 27.10.2022.
- 5. APTIDCO Lr No. APTIDCO/Nellore Division/Biradawada CPWS Scheme Dt: 15.11.2022.
- 6. This office letter no.1864 dated 21.11.2022.
- 7. I.E Letter no. Aarvee/NHAI/NH-16/22-23/2814 dated 28.11.2022.

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With reference to the subject cited above, Project Officer, APTIDCO, Nellore Division vide reference 1<sup>st</sup> cited above, has submitted a proposal to this office for grant Permission for Laying of 250 mm D1 K7 DI Pipeline along the NH-16 from Km.105.040 to 111.600 to i.e to a total length 6560 Rmt on Right Hand Side ROW 25 Rmt to 23 Rmt on NH-16 from AHP colony in Biradawada to Swarnamukhi River in Naidupeta ULB.

In this connection, vide reference  $2^{nd}$  cited the proposal has been forwarded to IE, M/s.Aarvee associates Pvt. Ltd to inspect site and to verify the proposal in accordance to the MoRTH guidelines vide letter no.RW/NH/33034/29/2015/S&R  $\otimes$  dated 22.11.2016. Accordingly, IE vide reference  $3^{rd}$  cited, has communicated certain observations and requested to submit compliance.

Further, PIU vide letter dated 27.10.2022 communicated the observations raised by IE to the applicant and requested to submit compliance for taking further necessary action. Accordingly, the applicant vide letter dated 15.11.2022 submitted compliance to the observations communicated and requested for grant RoW permission.

The compliance submitted by the applicant was examined through IE vide reference 7<sup>th</sup> cited, has recommend to grant RoW permission for the subject proposal with certain conditions.

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निगमित कार्यालय : जी-5 एवं 6, सेक्टर 10, दारका, नई दिल्ली - 110 075 वेब साइट : http://www.nhai.org Corporate office : G 5&6, Sector 10, Dwaraka, New Delhi - 110 075 website : http://www.nhai.org In this connection, the proposal submitted by Project Director, APTIDCO, Nellore Division was examined as follows are furnished herewith:

- a) The proposal letter from Project Director, APTIDCO, Nellore Division duly requesting RoW permission along NH-16 at Km.101.040 to 111.600 for a total length of 6560 mts on RHS at the extreme edge of the ROW.
- b) Checklist accordance to MoRTH Guidelines is enclosed for laying of 250mm diameter water supply DI pipeline on NH land and the same is found in order.
- c) Draft license Deed was submitted by Project Director, APTIDCO, Nellore Division in the prescribed format in accordance with MoRTH Guidelines.
- d) Cross section showing the size of DI pipeline for open trench method is enclosed.
- e) Strip plan/Route plan for water supply DI pipeline are enclosed.
- f) Undertaking for requisite Performance Bank Guarantee @ Rs.100/- per route meter and License fee for 5 years as per MoRTH Guidelines dated 22.11.2016 will be obtained from the agency, upon provisional approval of the proposal. Necessary calculations sheet is enclosed.
- g) Certificate from PD that the proposal is confirming to all standard conditions issued vide MoRTH Circular no.RW/NH/33044/29/2015/S&R(R) dated 22.11.2016 is enclosed.
- h) Necessary undertakings required in accordance to MoRTH Guidelines checklist also submitted by Project Director, APTIDCO, Nellore Division.

In the view of the above, the proposal submitted by Project Director, APTIDCO, Nellore Division has been verified in accordance with Guidelines of MoRTH Norms Circular F.No. RW/NH/33044/29/2015/S&R(R) dated 22.11.2016. The proposal along with the copies of all the above-mentioned documents is herewith forwarded.

In this connection, it is requested and recommended to the Competent Authority to accord approval for granting ROW permission for Laying of 250 mm DI Pipeline along the NH-16 form Km.105.040 to 111.600 to i.e to a total length 6560 Rmt on Right Hand Side ROW 25 Rmt to 23 Rmt on NH-16 from AHP colony in Biradawada to Swarnamukhi River in Naidupeta ULB.

Encl: As above.

Yours faithfully,

DGM(T) & Project Director NHAI,PIU-Nellore.

#### CERTIFICATE

- 1. It is certified that all Standard Conditions specified in the proposal from Project Officer, APTIDCO, Nellore Division for Permission for Laying of 250 mm DI Pipeline along the NH-16 form Km.105.040 to 111.600 to i.e to a total length 6560 Rmt on Right Hand Side ROW 25 Rmt to R23 mt on NH-16 from AHP colony in Biradawada to Swarnamukhi River in Naidupeta ULB in the state of Andhra Pradesh is in conformity as per MoRTH Guidelines vide lr No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
- 2. I will ensure supervision of the work of laying utility and ensure that defects in road portion after laying of utility are corrected.
- 3. I will notify/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.

✓ (T.Govardhan)
 DGM(T) & Project Director
 NHAI, PIU-Nellore.

aarvee associates architects engineers & consultants pvt. ltd.

IE Services during O&M period for 4-lane Tada - Nellore section and Nellore Bypass section of NH-16 & Nandigama - Ibrahimpatnam - Vijayawada section of NH-65 in the state of Andhra Pradesh on BOT (Annuity) basis

> Ref:Aarvee/NHAI/NH-16/22-23/2814 Date: 28.11.2022

To Project Director, Project Implementation Unit, National Highways Authority of India, Nellore, Andhra Pradesh.



Sub: Widening and strengthening of sections of Tada to Nellore (NH-5) and Nandigama to Ibrahimpatnam to Vijayawada (NH-9) in the state of Andhra Pradesh, India and Its Operation & Maintenance of Build, Operate and Transfer (BOT) basis. –Permission for Laying of 250 mm DI K7 DI Pipeline along the NH-16 from Km.105.040 to 111.600 to i.e to a total length 6560 Rmt on Right Hand Side ROW 25 mt to 23 mt on National Highway No: NH-16 from AHP colony in Biradawada to Swarnamukhi River in Naidupeta ULB -reg.

Ref: 11012/19/T-N-16/NOC/NHAI/PIU/NIr/2022-1864 Dated: 21.11.2022

Dear Sir,

This has reference to the above cited letter, wherein it is requested to examine the proposal submitted by the Project Officer, APTIDCO, Nellore Division has submitted a revised proposal for laying of 250 mm DI K7 DI Pipeline along the NH-16 from Km.105.040 to Km.111.600 for a total length 6560 Rmt on Right Hand Side on NH-16 from AHP colony Biradawada to Swarnamukhi River in Naidupeta ULB.

On ground verification, the submission is found to be in order as per the MoRTH Circular guide lines RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.

Hence the proposal for the water pipe line can be processed for the necessary approvals of Competent Authority.

Assuring our Best Services at all times.

Thanking you. Yours sincerely,

For Team Leader cum Highway Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd,

Copy to:

1. The Engineer, Aarvee Associates Architects Engineers & Consultants Pvt. Ltd for information

2. The COM /STPL Budhanam for information.

 Project Office :
 C/o. NYSE Infrastructure Pvt. Ltd., Near Sai Baba Temple, Adj. Govt. Hospital, Kovur - 524137, Nellore Dist., Andhra Pradesh. Tel: 08622 - 271449/271448 e-mail ID: OM2192kovur@aarvee.net

 Head Office :
 Ravula Residency, Srinagar Colony Main Rd., Hyderabad - 500 082, India. CIN: U74200TG2005PTC045491

 Tel: +91-40-23737633; 48483456; Fax: +91-40-23736277; e-mail: aarvee@aarvee.net; web: www.aarvee.com

### OFFICE OF THE PROJECT OFFICER

### APTIDCO, NELLORE DIVISION.

From Sri. P. Uma sankara sastry, Project Officer, APTIDCO Division, Nellore. To The Project Director, National Highway authority of In Project Implementation Unit. Nellore. HAO 123 PA/Accts 18-11-22 SE12345 Humder do SE-0

Received on 17-11-2 No. Byhand BISC

and Encla-

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MGR/ By. MGR

Lr. No: APTIDCO/Nellore Division/Biradawada CPWS Scheme Dt: 15.11.2022. Sir,

Sub:- APTIDCO Division, Nellore – Permission for Laying of 250mm DI K7 DI pipeline along the NH 16 road from KM 105.040 to 111.600 to i.e to a Total length 6560 Rmt on Right Hand Side ROW 25Rmt to 23Rmt on National Highway No: NH 16 from AHP colony in Biradawada to Swarnamukhi river in Naiudpeta ULB – Proposal Re submitted with clarificatons - Sanction Requested- Regarding.

**Ref:**- 1)Agreement no: 01/2022-2023, Dt: 13-05-2022 of Superintending Engineer, APTIDCO, Nellore Circle.

2) Lr. No: APTIDCO/Nellore Division/Biradawada CPWS Scheme Dt:13.10.2022 of Executive Engineer, APTIDCO Division, Nellore.

3) Lr. No:11011/19/Pipeline/NHAI/PIU/NLR/2022-1728 Dated: 27.10.2022 of Project Director, NHAI, PIU unit, Nellore, A.P.

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This is to submit that vide reference 2<sup>nd</sup> cited, Proposals submitted to project Director, NHAI, Nellore requested for permission to laying of 250mm dia K7 DI pipeline along the NH-16 road from 105.040 to 111.60KM in the ROW 25.0m to 23.0m in National Highway No:16 from AHP colony in Biradawada to Swarnamukhi River.

Further this is to submit that vide reference 3<sup>rd</sup> cited, the project director, NHAI PIU unit, Nellore requested this office to resubmit the proposal duly attending the observations raised by the Independent Engineer.

In this connection it is to submit that detailed replies furnished to the objections raised by Independent Engineer of third party are here under furnished in each point wise.



WHEREAS the license has applied to the NHAI for permission to lay water supply pipes along the road from KM 105.040 to 111.60 to i.e 6560 Rmt on Right Hand Side Right of way 25mts to 23 mts National Highway No: NH 16 from AHP colony in Biradawada to Swarnamukhi river in Naiudpeta ULB.

3. AND WHEREAS the NHAI have agreed to grant such permission on the terms and conditions here after mentioned.

4. Now this agreement witness that, in consideration of the conditions herein after contained and on the part of the License permission to lay water supply pipes as per the approved drawing attached hereto subject to the following condition namely:-

(i) That the license shall within three months from the date here of but without interfering with the road traffic complete the laying of water supply pipes to the satisfaction of the project director in charge of the National highways (here in after referred to as the project firect as applicable) in accordance with the drawings and specifications approved by the project director.

(ii) That the license shall be responsible for restoring the road and at their own cost to its original condition after laying the water supply pipes or after any damage caused due to inadequate maintenance and operation of the water supply pipes.

(iii) That in case of any burst or leak of water supply pipes the license shall bear the entire cost of restoration of damage caused to the road.

(iv) That the license shall not without the prior permission in writing of the Project Director undertakes any work of repairs or alternations to the said water supply pipes.

(v) That the license shall at all time permit any duly authorised officer or servant of the NHAI to inspect the said lay sewage pipes.

(vi) That the license shall be liable for any loss or damage caused to the NHAI by drainage obstruction or any other like cause due to the said water supply pipes.

(vii) That the license within two months of a notice duly given to him to this behalf by the NHAI shall at their own cost remove the water supply pipes and redtore the road land to its original condition when required todo so by the NHAI or by any person authorised on its behalf. The license shall not be entitled to any compensation on account of such removal or restoration.

PROJECT OFFICE 2021

APTIDCO NELLORF DIVISION

(viii) That if the license fails to execute any work which they have agreed to execute under this - agreement to the entire satisfaction of the Project Director NHAI. The work shall be executed by the Project Director, NHAI at the cost the license and the amount shall be recoverable from the remedies which may be open to the NHAI in this behalf.

(ix) That the license shall not sel, transfer or otherwise dispose of the premises without obtaining the previous consent of the NHAI in writing.

(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 my not be renewed after the expiry of the said period.

(xi) That the permission granted by this license shall not in any way to be deemed to convey to the license any right to or over or any interest in Government lan other than what is herein expressly granted.

(xii) That during the subsistence of this license. The water supply pipes located on 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 license to the use there of shall not become absolute and indefeasible by lapse of time.

(xiv) NHAI will not be responsible for any damge of any kind of what so ever means natural or otherwise to the canal to the water supply pipes.

5. The sewage pipes shall not be brought into use by the license unless a completion certificate to the effect that the water supply pipes have been liad in accordance with the approved specifications and drawings has been obtained from the Project Director NHAI.

6. The license shall be abide by the conditions enclosed herewith as Annexure-I

7. Not with standing anything contained in clause 4(vii), the license may be cancelled at any time by the Government for a breach of any condition of the license and the license 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. Annexure-I stipulating the conditions to be enclosed / incorporated in the approval letter for permission for laying of Drinking water pipeline shall be the part of the agreement.

PROJECT OFFICE

APTIDCO

The Agreement has been executed in duplicate and ech party to this agreement has retained one stamped copy each.

Signed by Shri (Name in full) the License The Constitued attorney of the License Signed by Shri (Name in full) Project Director National Highway Authority of India for and on behalf of the President of India

In presence of following witness

1. Name in full (Signature with designation)

1. Name in full (Signature with designation)

2. Name in full (Signature with designation)

2. Name in full (Signature with designation)

PROJECT OFFICER 202 **APTIDCO** NELLORF DIVISION

## भारतीय पर न्यायिक बीस रुपये स्टब्स् सिर्फ रु.20 सिर्फ सिर्फ रि.20 सिर्फ सिर्फ सिर्फ

### **UNDER TAKING**

Name of the work:- APTIDCO Department - Biradawada CPWS Scheme to AHP Colony in Biradawada at Naidupeta ULB - laying of Drinking water pipe line of 250mm DI K7 DI pipes along the NH 16 road from KM 105.040 to 111.600 to i.e to a Total Length of 6560 Rmt on Right Hand Side ROW 25mts to 23 mts from center of road in on National Highway No: NH 16 from AHP colony in Biradawada to Swarnamukhi river in Naiudpeta ULB.

1. We shall furnish a Bank Guarantee for the amount of Rs.100/- per running meter for laying of DI K7 pipeline on Right hand side of ROW which parallel to NH-16 from KM 105.040 to 111.600 to i.e 6560 Rmt with a total amount of Rs. 6,56,000.00.

2. Not to damage to other utility, if damaged then to pay the losses either to NH-16 or to the concerned agency.

3. Confirming all standard conditions of NHAI's guidelines.

4. Shifting of 250mm dia DI K7 DI Pipe line along NH 16 as and when required by NHAI at applicants own cost.

20/11/20

PROJECT OFFICER APTIDCO NELLORF DIVISION 5. The 250 mm dia DI k7 DI Pipe line along NH shifting cost due to 6 laning / widening of NH-16 shall be borne by the applicant.

6. Traffic movement during laying of 250 mm dia DI K7 DI pipe line along NH to be managed by applicant.

7. If any claim is raised by NHAI then the same shall paid by the applicant.

8. Prior approval of the NHAI shall be obtained before under taking of any work of installation, shifting or repairs or alternations to the showing 250 mm dia DI k7 DI pipe along NH located in the National High way Right-of-way.

9. Expenditure, if any, incurred by NHAI for repairing any damage caused to the Nation High way by the laying, Maintenance of shifting of the 250 mm dia DI K7 DI pipe along NH will be borne by the agency owning the line.

10. Shifting due to 4 lanning/widening of NH shall be borne by applicant.

11. Traffic movement during laying of 250 mm dia DI k7 DI piep Line along NH to be managed by applicant.

12. If any claim is raised by NHAI then the same shall paid by the applicant.

If NHAI considers it necessary in future to move the sewer line for any work of improvement or repairs to the road it will be carried out as desired by NHAI at the cost of the agency owning the sewer line within a resonable time (not exceeding 60 days) of the intimation given.

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### ພວເຊັເລັດຈົ້ອ ອາຊິສ ARDHRA PRADESH SI. No: 9230 Date: 19-11-2022 P. 8,20)-Sold to p. Uma sankara sastay s/o satyanasayana sastay License Stamp Vendor License No. 0917005 of 2022-24 Ramachandra Reddy Nagar Area Nellore City- 524004 Cell No.: 9553977093

### CERTIFICATE

Name of the work:- APTIDCO Department - Biradawada CPWS Scheme to AHP Colony in Biradawada at Naidupeta ULB - laying of Drinking water pipe line of 250mm DI K7 DI pipes along the NH 16 road
 from KM 105.040 to 111.600 to i.e to a Total Length of 6560 Rmt on Right Hand Side ROW 25mts to 23 mts from center of road in on National Highway No: NH 16 from AHP colony in Biradawada to Swarnamukhi river in Naiudpeta ULB.

1. Along laying of Drinking water pipeline will not have any deleterious effects on any of the bridge components and road way safety for traffic.

2. This proposal implemented now will not affect any likely future improvement of geometrics.

3. The proposal is in accordance with the Government of India specification.

4. For 6-lanning "we do undertake that we will relocate the crossing Drinkig water pipeline at our own cost not with standing the permission granted with in such time as will be stipulated by NHAI" for future six lanning or any other department.

5. We undertake that permission does not lead to the adverse impact on the safety and stability of the highway structures.

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Rs.20

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APTIDCO NELLORF DIVISION

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ອວເຊັເລັລົຈົ ອາເອ ກີຊ ກີຊາ ANDHRA PRADESH SI. No: 923] Date: 19-11 - 2022 PA 20]-Sold to P. UMA SANKARA SAStry S/D SALYANARAYANA SAStry License Stamp Vendor License No. 0917005 of 2022-24 Ramachandra Reddy Nagar Area Nellore City- 524004 Cell No.: 9553977093

### UNDER TAKING

**Name of the work:-** APTIDCO Department - Biradawada CPWS Scheme to AHP Colony in Biradawada at Naidupeta ULB - laying of Drinking water pipe line of 250mm DI K7 DI pipes along the NH 16 road from KM 105.040 to 111.600 to i.e to a Total Length of 6560 Rmt on Right Hand Side ROW 25mts to 23 mts from center of road in on National Highway No: NH 16 from AHP colony in Biradawada to Swarnamukhi river in Naiudpeta ULB.

The APTIDCO Department will bear the whole of the cost in case of shifting is required in the National High way land for laying of 250 mm dia. DI k7 DI pipeline along NH 16 from KM 105.040 to 111.60 i.e 6560Rmt in right side (towards increasing chainage) right of way end 25mts from centre of road.

PROJECT OFFICER APTIDCO NELLORF DIVISION

**Rs.20** 

TWENTY

RUPEES

### METHODOLOGY FOR EXCAVATION AND REFILLING

**Name of the work:-** APTIDCO Department - Biradawada CPWS Scheme to AHA Colony in Biradawada at Naidupeta ULB - laying of Drinking water pipe line of 250mm DI K7 DI pipes along the NH-16 road from KM 105.040 to 111.600 to i.e to a Total Length of 6560 Rmt on Right Hand Side ROW<sup>-</sup> 25mts to 23 mts from center of road in on National Highway No: NH 16 from AHP colony in Biradawada to Swarnamukhi river in Naiudpeta ULB.

APTIDCO, Nellore proposes the following.

Open excavation with a trench size of 1.00m x 1.65m for laying of 250dia DI K7 DI pipeline and trenchless technology for 600mm dia casing pipe and with socket & spigot joints for every 6.00 m length and making water tight and refilling with excavated soils, upto original height section of trench attached.

PROJECT OFFICER **APTIDCO NELLORF DIVISION** 

### Check list for getting approval for laying of Drinking water pipeline on NH 16 Land

S.No	10	Item	Information / Status	Remarks				
1	Gene	eral Information						
1.1	Nam	e and address of the applicant / Agency	Project Officer, APTIDCO					
1.2	Natio	nal High way Number	Division, Nellore.					
1.3	State		NH - 16					
1.4	Locat	ion	Andhra Pradesh.					
1.5	Chainage in KM		Along NH-16 from Km 105.040 to Km 111.600 i.e., 6560 Rmt.					
1.6	Lengt	h in meters	6560 Mts.					
1.7	Width	of available ROW	25 Rmt to 23.00 Rmt	1				
	(a)	Left side from centre line towards increasing chainag / KM direction	ge No.					
	(b)	Right side from centre line towards increasing chainage / KM direction	Yes (25 Rmt to 23.00 Rmt).					
1.8		Proposal to lay underground Drinking water pipeline						
	(a)	Left side from centre line towards decreasing chainage / KM direction	No.					
	(b)	Right side from centre line towards decreasing chainage / KM direction	Yes (25 Rmt to 23.00 Rmt).					
1.9		Proposal to acquire land						
	(a)	Left side from centre line	NA.					
	(b)	Right side from centre line	NA.					
1.10 V	Wheth oe acqu	er proposal is in the same side where the land is not to iired	No.					
		nen where to lay the pipeline	In end 25 to 23.00 from centre to right of way.					
rc	oute.	of already laid services, if any, along the proposed	NA.					
.12 N	umbei	of lanes (2/4/6/81 lans) existing	4 Lanes.					
4/	/6/8/1a							
.14 Se	ervice i	road existing or not	Yes					
		en which side						
1.9	(a)	Left side from centre line	Yes ·					
(		Right side from centre line	Yes					
15 Pro		d service road						
		l oft olde free and the						
		Dight aide fue	NA.					
	N/		NA.					

PROJECT OFFICER APTIDCO NELLORF DIVISION

S.No	2	ltem	Information / StatusRemainThe Drinking water pipelinewillbe laid along NH 16 inright of way after maincarriage way.				
1.16		ether proposal to Drinking water pipeline is after the ice road or between the service road and main carriage					
1.17	cons	permission for laying Drinking water pipeline shall be idered for approval / rejection based on the Ministry lar mentioned as above					
	(a)	Carrying of water / gas pipelines on highway bridges shall not be permitted as fumes/ases accelerate the process of corrosion of may cause explosions, thus being much more injurious than leakage of Water.	NA.				
(b)		Carrying Drinking water pipelines on bridges shall also be discouraged. However, if the RWS&S authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalised, they may be permitted to carry the pipeline on independent super structures, supported on extended portions of piers and abutments in such as manner that in the final arrangement enough free spade around the super structures.	NA.				
	(c)	Services are not being allowed indiscriminately on the parapet / any part of the bridges. Safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of them ministry's Project Chief Engineers only.	NA.	*1			
.18	If crossing 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 expences of the agency owing the line. (a) Existing drainage structures shall not be allowed to		Yes.				
			The Pipeline is not proposed on the sructures.				
	(b)	Is it one a line along the NH16	Yes.				
	(c)	Crossing shall not be too near the existing structures on the National High way, the minimum distance being 15m. What is the distance from the existing structures?	NA.				

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S.No	)	Item	Information / Status R				
	(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					
	(e)	Ends of the casing/ conduit pipe shall be sealed from the outside, so that it does not act as drainage path.	Yes.				
	(f)	The casing/conduit pipe should as minimun extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Yes.				
	(g)	The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3m below the drain inverts.	Yes.				
	(h)	Crossing shall be by boring method (HDD) specially where the existing road pavement is of dense bitumunuous concrete type	Yes.				
	(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 sewer way along it.	Yes.				
2	Docum	ent / Drawing enclosed with the proposal	Yes.				
2.1	Cross s methoo	ection showing the size of trench for open trenching d (is it normal size of 2.00m deep x1.80m wide)					
	(i)	Should not be greater than 60cm wider that the outer diametre of the pipe	Yes.				
	(ii)	Located as close to the extreme edge of the right of way as possible but not less than 15 m from the ceter- lines if the nearest carriage way	Yes.				
	(iii)	Shall not be permitted to run along the National High ways when the road formation is situated in double cutting. No shall these be laid over the existing culverts and bridges	-				
	(iv)	These should be so laid that there is at least 0.6m below the ground level so as not to obstruct drainage of the road land.	Yes.				

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S.No	-	ltem	Information / Status	Remarks	
2.2	Cros meti	s section showing the size of pit and location of cable for HDD nod.	Yes.		
2.3	dista	plan / route plan showing pipeline, chainage, width of row, nce of proposed pipeline from the edge of ROW,important mile e, intersections, cross drainage works retc.,	Enclosed.		
2.4	Meth	nodology for laying of showing Drinking water pipeline.	Enclosed.		
2.4.1	wher	trenching method (May be allowed in utility corridor only e pavement is neither cement concrete nor dense bituminous rete type. If yes, methodology of refilling of trench.	Yes.		
	(a)	The trench width should be at least 30cm but not more than 60cm wider than the out diametre of the pipe	Yes.		
	(b)	For filling of the trench, bedding shall be to a depth of not less than 30cms. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excaveted and replaced by selected material.			
	(c)	The backfill shall be completed in two stages (i) side fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust	Yes.		
	(d)	The side fill shall consist of granular material laid in 15cm layers each consolidate by mechanical tampering and controlled addition of moisture to 95% of the proctor's density Over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	Yes.		
	(e)	The road crust shall be build 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 nigh hours	Yes.		

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S.No	0	Item	Information / Status	Remarks
	(g)	If required, a diversion shall be constructed at the expense of agency owing the utility line	Yes.	incinding s
2.4.2	2 Horiza	ntal direction drilling (HDD) Method		
2.4.3	3 (a)	Laying of Drinking water pipeline through CD works and method of laying	HDD	
	(b)	On approaches, the Water mains/cables shall be carried along a line as closed to the edge of the right of way as possible upto a distance of 30m from the bridge and subject to all other stipulations contained in the Ministry's guidelines issued with Lr. No: NHWI/66/76, dt: 19.11.1976		
3	Draft li	cense agreement signed by the witness	Yes.	
4	Performance Bank Guarantee un favour of NHAI has to be obtained @ Rs.50/- per running meter (parallel to NH) and Rs.1,00,000/- per crossing of NH for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the license for clering debris/loose earth.		Bank Guarantee for Rs.6,56,000 / - for length of 6560 mts along NH16 from Km 105.040 to Km 111.600 will be submitted after approval is accorded by NHAI.	
4.1	Perform	ance BG as per above is to be obtained.		
4.2	Confirm	ation BG has been obtained as per NHAI guidelines		
5	Affidavit	: / under taking from the applicant for		
5.1	Not to d losses ei	amage to other utility, if damaged then to pay the ther to NHAI or to the concerned agency	Yes.	
5.2	Renewal	of Bank Guarantee	NA.	
5.3	Conforming all standard condition of NHAI's guidelines		Yes.	
	Shifting of Drinking water pipe line as and when required by NHAI at their own cost		Yes.	
5.5	Shifting due to 6-laning/widening of NH		Yes.	
5.6	ndemnity against all damages and claims clause (xxiv)		Yes.	
5.7 t	Traffic movement during laying of Drinking water pipeline to be managed by the applicant		Yes.	

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S.No	ltem	Information / Status	Remarks
5.8	If any claim is raised by the concessionaire then the sam has to be paid by the applicant	e Yes.	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs o alternations to the showing Drinking water pipeline located in the National High way right of way	er Yes.	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National High way by the laying maintenance or shifting of the Drinking water pipeline will be borne by the agency owning the line.	Yes.	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a resonable time (not exceeding 60 days) of the intimation given	Yes.	
5.12	Certificate from the applicant in the following format (i) laying of Drinking waterpipeline will not give any deleterious effects on any of the bridge components and road way safety for traffic (ii) for 6-lanning future widening of NH-16 we do undertake that i will relocate service road/approach the permission granted within such time as will be stipulated by NHAI for future six lanning or any other development	Enclosed.	
6		Project Officer, APTIDCO Division, Nellore.	
7	Certificate for confirming of all		
7.1	Standard condition issued vide Ministry circular No: NH- 41 (58) / 68 dt: 31.01.1969 Ministry Circular No: NH- m/P/66/76, dt: 19.11.1976, Ministry Circular No. RW NH- 11037/1/86/DOI, dt: 19.01.1995, Ministry Circular No: RW/NH-34066/7/2003 S&R (B), dt: 17.09.2003	Enclosed.	
7.2	Certificate from PD in the following format (i) It is certified that any other location of the sewer pumping main pipeline would be extremely difficult and unreasonable costly and the installation of sewer pumping main line within ROW will not adversely affect the design, stability & traffic safely of the highway nor the likely future improvement such as wideningof the carriageway easing of curve etc., (ii) for 6-lanning	Enclosed.	

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S.N	0	Item	Information / Status	Remarks
	(a)	Where feasibility is available " I do certify that there will be no hindrance to proposed 6-lining based on the feasibility report considering proposed structures at the said location"		
	(b)	In case feasibility report is not available " I do certify that sufficient ROW is available at site for accommodating proposed six-lining"	Yes.	
8	clause highwa cable/c concess gradatio 1336.6(	ectin proposed to be taken up by NHAI on BOT basis a is to be inserted in the agreement. The permitted by on which license has been granted the right to lay casing duct has also been granted as a right to the sionaire under the concession agreement for up- on of (Chilakaluri peta -Nellore section from Km D to Km 1332.40 of NH No.16 on build, operated) and r basis and therefore, the license shall honor the same	Yes.	
9	Who wi pipeline	Il supervise the work of laying of Drinking water	Project Officer, APTIDCO Division, Nellore.	
10	of Drink	II ensure that the defects in road portion after laying ing water pipeline are corrected and if not corrected at action will be taken	Project Officer, APTIDCO Division, Nellore.	
11	Who will working	of concording the little states of the state	Project Officer, APTIDCO Division, Nellore.	
12	permissio	rate from the PD that he will enter the proposed on in the register of records of the permission in the ed proforma (Copy enclosed)	Yes.	
.3	Drinking v	evious approval is accorded for laying of underground water pipeline then photo copy of register of records sion accorded as maintained by PD then copy be	NA.	

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APTIDCO NELLORF DIVISION

### <u>Conditions tobe enclosed/incorporate in the approval letter for permission</u> <u>for laying of water supply pipeline</u>

1. The water supply pipeline shall be located as close to the extreme edge of the right of way as possible but not less than 15 meter from the center lines of the nearest carriage way.

2. The water supply pipe line shall not be permitted to run along the National highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NHAI/ Government of India.

3. The water supply pipeline shall be so placed that at no time there is interference with the maintenance of the National High ways

4. These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.

5. The authority / owner of the under ground utility shall ensure that laying water supply pipeline should not have any deleterious effects on any of the bridge components and road safety for traffic.

6. The lines shall cross the National high ways preferably on a line normal to it or as nearly so as practicable.

7. Crossings shall not be too near the existing structures on the National Highway the minimum distance being 15 meter.

8. The water supplyu pipeline is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.

9. The casing pipe (or condult pipe in the case of electic cable) carrying the water supply pipeline 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. Ends of the casing/condult pipe shall be sealed from the outside, so that it does not act as drainage path.

10. The casing/condult pipe should as minimum extend from drain to drain in culvert and toe of slope in the fills.

11. The top of the casing/condult pipe should be at least 1.2m below the surface of the road subject to being at least 0.3m below the drain inverts.

12. The casing/condult pipe may be installed under the road embankment either by boring or digging a trench installation by boring method shall only be permitted where the existing road pavment is of cement concrete or dense bitumious concrete type.

13. The casing/condult pipe shall be installed with an even beaing throughout its length and in such a manner as to prevent the formation of a waterway along it.

14. Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bitminous concrete type.)

(a) The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipe.

(b) Filling of the trench shall confirm to the specifications contained here in below.

PROJECT OFFICER APTIDCO NELLORF DIVISION (c) Bedding shall be to a depth of not less than 30cm. It shall consist to granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil rock edged should be excavated and replaced by selected material.

(d) The backfill shall be completed in two stages (i) side-fill to the level of the top of the pipe and (ii) over fill to the bottom of the road crust.

(e) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor's density. Over fill shall be compacted to the same density as the material that had been removed. Consolidation vy saturation or ponding will not be permitted.

(f) The road crust shall be built to the same strength as the existing crust on either side of the trench of to thickness abd specifications stipulated by the Highways Authority care shall be taken to avoid the formation of a dip the trench.

(g) The excavation shall be protected by flagman, signs and barricades and red lights during 15. If needed a diversion shall be constructed at the expense of agency owning the water supply pipeline.

16. Prior approval of the NHAI shall be obtained before undertaking any work of installation shifting or repairs or alternations to the water supply pipeline located in the National Highway right of ways.

17. Expenditure if any incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying maintenance or shifting of the water supply pipeline will be borne by the agency owning the Water supply pipeline.

18. If the NHAI considers it necessary in future to move the Water supply pipeline for any work of improvement of repair to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the Water supply pipeline with in a reasonable time (notexceeding 60 days) of the intimation given.

19. The license shall ensure making good the excavated trench for laying water supply pipeline by proper filling and compaction so as restore the land in the same conditions as it was before digging the trench, clearing debris/lapse earth produced due to execution of trenching at least 50m away from the edge of the right of way.

20. The license shall furnish a bank guarantee to the NHAI @ Rs50/- per running meter (Parallel to NH) and Rs 1,00,000/- per crossing of NH for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cabies/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right way. No payment shall be payable by the NHAI to the license for clearing debris/loose earth.

21. In case the work contemplated herewith is not completed to the satisfaction of the NHAI which has granted the permission, within a period of 11 months from the date of issue off the bank gurantee, the license shall either furnish a fresh the license falling to dischage the obligation for making good the excavated trench the NHAI shall have a right to make good the damages caused by excavation at the cost of the license and recover the amount by invoking the bank gurantee furnished by the license.

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22. The license shall shift the water supply pipeline within 60days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt.of India to shift/relocate the water supply pipeline in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.

23. Regarding the location of other cables, underground installation/utilities etc., the license shall be responsible to ascertain from the respective agency in already existing cables/underground installation/utilyties facilities etc., before commencement of the excavation.

24. The license shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for at the cost and risk of the license. The concerned agency in damages/recover the claims by way of invoking of Bank Guarentee furnished by the license.

25. If the license fails to comply with the condition 22 and 23 above to the satisfaction of the NHAI the same shall be got executed by the NHAI at the risk and cost of the license.

26. The license shall procure insurance from reputed insurance company against damages to already existing cables/underground installation/utilities/facilities etc during trenching.

27. The license has to cross the NH by horizantal drilling method (trechless technology only) in case any damage is caused to the road pavement in this process the license will be required to restore the same to the original condition at his own cost.

28. No trenching will be done on pucca road boring method will be used in pucca road and water supply pipeline will be laid at the extreme edge of the road in the non BT surface only.

29. The license shall inform/give a notice to the NHAI Govt.of India or its authorized agency at least 15 days advance with route details prior to digging trnches for fresh or maintenance/repair work. A separate workplan and a separate performance bank guarantee @ Rs50/- per meter length for maintenance/repair work shall have tobe furnished by the license.

30. Each day, the extent of digging the trenches should be strictly regulated so that cables are laid trenches filled up before the close of the work that day filling should be completed to the satisfaction of the concerned agency designated by the NHAI

31. The license shall indemnity the concerned agency in coordination with NHAI against all damages and claims if any due to the digging of trenches for laying water supply pipeline.

32. The NHAI has a right to terminate the permission or to extend the period of agreement. In case the license wants shifting repairs or alternation to water supply pipeline he will have to furnish a separate bank guarantee.

33. The license shall not without prior permission in writing from the NHAI Govt of India or its authorized agency undertake any work of shifting repairs or alterations to the said water supply pipeline.

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34. The permission granted shall not in any way be deemed to convey to the license any ownership right of any interest in route/road/highway/land property other than what is herein expressly granted.

35. During the subsistence of this agreement the laying of water supply pipeline /ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of the license to the use thereof shall not become absolute and indefeasible by laps of time.

36. The license shall bear the stamp duty charged for the agreement.

37. The water supply pipeline shall not be brought in to use by the license unless a completion certificate to the effect that the laying of water supply pipe line has been laid accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in coordination with the owner has been obtained.

38. Not withstanding NHAI contained herein this agreement may be cancelled at any time by the or breach of any condition of the same and the license shall neither be entitled to any compensation for any loss caused to by such cancellation nor shall be obsolved from any liability already incurred.

39. The license shall have to provide barricading danger lighting and other necessary caution boards while executing the work and during maintenance.

40. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of license.

41. After the termination/expiry of the agreement the license shall remove the water supply pipeline within 60 days and the site shall be brought back to the original condition falling which the license will lose the right to remove the cables/ducts. However before taking up the work of removal of water supply pipeline the license shall furnish a bank gurantee to the owner for a period of oneyear for an amount assessed by the owner for making the excavated trench by propoer filling and compaction, clearing debris loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.

42. If NHAI is required to do some emergent work the license will provide an observer within 24hrs NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.

43. The enforecbility of the right of way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement and for the purpose extending this right of way facility is not to enhance the scope.44. Strict compliance of the following by the Project Director:

(a) If the license fails to inform the commencement of laying of water supply pipeline 15 days before the actual start of the work at site the agreement should be null and void.

(b) It is to be intimated to the HQ that actual work has already been started at the site as per the provision of the agreement and the conditions stipulated in the Ministry Circular No Ministry Circular No. NH-41-(58)/68 dated:31.01.1969 Ministry circular No. NH-III/P/66/76, dated:18/19.11.1976, Ministry circular No. RW/NH-III/66/76, dt:11.05.1982, Ministry circular No RW/NH-11037/1/86-DOI (ii) dated:28.07.1993, Ministry circular No. RW/NH-1037/8B/DOI, dated:19.01.1995, Ministry circular No. RW/NH-34066/2/95/ S&R, dated 25.10.1999 and Ministry circular No. RW/NH-34066/7/2003 S&R (B), dt: 17.09.2003.

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(c) An interim execution progress report/status report shall be submitted to NHAI HQ after one month of the start of the work at site regarding the satisfactory progress of the laying of water supply pipe as per the specification/stipulation and the alignment as approved.

(d) The final completion certificate shall be issued/submitted by PD to the HQ to the effect that the work has been completed to the entire satisfaction of the Project director and there were no violation of any condition/stipulation contained in the agreement, Ministry circular No. RW/NH-III/66/76, dt:11.05.1982, Ministry circular No RW/NH-11037/1/86-DOI (ii) dated:28.07.1993, Ministry circular No. RW/NH-1037/8B/DOI, dated:19.01.1995, Ministry circular No. RW/NH-34066/2/95/ S&R, dated 25.10.1999 and Ministry circular No. RW/NH-34066/7/2003 S&R (B), dt: 17.09.2003m and the approved plan.

(e) To obtain a performance bank guarantee @ Rs 50/- per running meter of NH and Rs.1,00,000/- per crossing of NH from the license to safe guard the interest of NHAI

(f) Proposal for permission along NH sections which are proposed to be taken up by NHAI for development through private sector participation on BOT basis following clause should be inserted in the agreement.

(g) A register of records of the permissions accorded has to be maintained by the PD in the prescribed proforma (copy enclosed)

(h)Project Direcot is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant on behalf of NHAI.

20/4 PROJECT OFFICER **APTIDCO** NELLORF DIVISION

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	i.e to a Total amukhi river in	Remarks		12.92 129	1	1 628' 11	1952 16.8		294214.018 2,94,218/		-/00	
0	o 111.600 to ada to Swarn	Amount in Rs	1783115.26	1783115.26		14859.2939	891557.631		294214.018		60×100=6560	
nt	m KM 105.040 to colony in Biradaw	Prevailng circle rate of land Rs/Sqmts	271.82	Amount		/10*12	x12x5		33%		dia/width) i.e 65	
se Amou	H 16 road fro	Prevailing circle rate of land Rs/Acre	1100000	Am		1783115.262	14859.29385		891557.6312	on	ter (<=300mm	nds Only)
Guarante	ss along the NH ghway No: NH	Utilized land area (Sqmts)	6560	6560		License Fees (Rs/Month)= 1783115.262	Total License Fee for 5 Years 14859.29385		ility 33% of	int Calculati	Rs100/ per me	/ Six Thousa
d Bank	01 K7 D1 pipe National Hi ellore.	Width (in mts)	1.00	1.00		License Fee	otal License F		<sup>-</sup> or Public ut	tee Amou	e in meter x	akhs Fifty
License Fee and Bank Guarantee Amount	be line of 250mm E enter of road in on ion of NHAI,PIU, N	length of Route ( In mts) mts) mts) http://width.lin.	6560	6560			Ť		by APTIDCO Department for laying of Drinking water pieline ( I industrial as per point No.5 MORTH Guidelines Vide letter No:	Performance Bank Gurantee Amount Calculation	otal length of Rout	mount Rs. Six
	ing water pir 8 mts from co the Jurisdict	age	111.6						ing of Drinki TH Guidelin	erforman	ubmitted = T	,000/-( A
Calculation of	laying of Drinki JW 25mts to 23 dhra Pradesh in	Chainage	105.04						oartment for lay point No.5 MOR	P	arantee to be su	unt is Rs 6,56
	Proposal for Grnating of Permission of laying laying of Drinking water pipe line of 250mm DI K7 DI pipes along the NH 16 road from KM 105.040 to 111.600 to i.e to a Total Length of 6560 Rmt on Right Hand Side ROW 25mts to 23 mts from center of road in on National Highway No: NH 16 from AHP colony in Biradawada to Swarnamukhi river in Naiudpeta ULB in SPSR Nellore District of Andhra Pradesh in the Jurisdiction of NHAI, PIU, Nellore.	Name of the Village	Biradawada						Total License fees payble by APTIDCO Department for laying of Drinking water pieline ( For Public utility 33% of industrial as per point No.5 MORTH Guidelines Vide letter No:		Amount of Performance Bank Guarantee to be submitted = Total length of Route in meter xRs100/- per meter (<=300mm dia/width) i.e 6560x100=656000/-	Performance bank Gurantee Amount is Rs 6,56,000/-( Amount Rs. Six Lakhs Fifty Six Thousands Only)
	Proposal for ( Length of 65 Naiudpeta UL	S.no	1						Total Licer		A	Pertormar

NELLORF DIVISION 3 . Project Director Areva

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