



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्रप्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८.आंध्रप्रदेश

Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

टेली / Tele : 0866-2483910

ई-मेल / E-mail : rovijayawada@nhai.org
nhairovja@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Lr.No. NHAI/RO-VJA/12014/NOC/2016/2803

Dt.04.12.2018

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

Sub: RO - Vijayawada - Permission for laying of 1100 mm dia DI Water Supply Pipeline from Yeleru Canal near Koppaka of Anakapalli Mandal to Krishnapalem Tanks of Rambilli Mandal along NH-16 from Km 741.051 to Km 744.430 for a length of 3379 meters of Kolkatta -Chennai Corridor in the State of Andhra Pradesh - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal of APIIC seeking NOC for laying of 1100 mm dia DI Water Supply Pipeline from Yeleru Canal near Koppaka of Anakapalli Mandal to Krishnapalem Tanks of Rambilli Mandal along NH-16 from Km 741.051 to Km 744.430 for a length of 3379 meters of Kolkatta -Chennai Corridor in the State of Andhra Pradesh.

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

Yours faithfully,

Encl: As above


(Anil Dixit),
Regional Officer

Copy to: 1) PD, PIU - Rajahmahendravaram - for information
2) The Zonal Manager, APIIC Ltd, One Stop Service Centre, APSEZ Atchutapuram, Visakhapatnam - for information



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प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश

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Lr.No. NHAI/RO-VJA/12014/NOC/2016/2804

Dt.04.12.2018

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for laying of 1100 mm dia DI Water Supply Pipeline from Yeleru Canal near Koppaka of Anakapalli Mandal to Krishnapalem Tanks of Rambilli Mandal along NH-16 from Km 741.051 to Km 744.430 for a length of 3379 meters of Kolkatta -Chennai Corridor in the State of Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Rajahmahendravaram submitted a proposal of APIIC for laying of 1100 mm dia DI Water Supply Pipeline from Yeleru Canal near Koppaka of Anakapalli Mandal to Krishnapalem Tanks of Rambilli Mandal along NH-16 from Km 741.051 to Km 744.430 for a length of 3379 meters of Kolkatta -Chennai Corridor in the State of Andhra Pradesh.

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

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

Regional Officer - Vijayawada,
National Highways Authority of India,
Plot No.21, Teachers' Colony, Gurunanak Nagar Road,
Vijayawada, Andhra Pradesh. Pin: 520 008.
Email: rovijayawada@nhai.org

Regional Officer

(Anil Dixit), 4.12.18



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई - PROJECT IMPLEMENTATION UNIT

डोर नं. 78-14-21, श्यामला नगर, राजमहेन्द्रवरम - 533 103. आं.प्र.

Door No. : 78-14-21, Shyamala Nagar, RAJAMAHENDRAVARAM - 533 103, A.P.

Yp/ Sowmita
Pl. process
J



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दूरभाष / Phone: 0883 - 2431170
0883 - 2437832

ई-मेल / e-mail : raj@nhai.org
piurajahmundry@gmail.com

No: NHA/PIU-RJY/APIIC-WSP/3379m/2018/22475

22nd October, 2018

To:

✓ The Regional Officer,
National Highways Authority of India,
Regional Office, 21, Teachers' Colony,
Gurunak Nagar Road,
Vijayawada-520 008.



Sub: NHA, PIU, Rajamahendravaram - Permission for laying of 1100mm dia DI Water Supply Pipeline from Yeleru Canal near Koppaka of Anakapalli Mandal to Krishnapalem Tanks of Rambilli Mandal along NH-16 from Km. 741.051 to Km. 744.430 for a length of 3379 meters of K-C Corridor - Furnishing of compliance on the observations - Approval - Reg.

Ref: 1. This office letter No. NHA/PIU-RJY/APIIC-WSP/3379m/2018/22059 Dt. 06.08.2018.
2. RO, NHA, Vijayawada Mail Dt. 04.10.2018.
3. The ZM, M/s. APIIC Ltd., Visakhapatnam Letter No. ZM/SPZ/W.S/VCIC/2017-18 Dt. 09.10.2018.

Sir,

1. Please refer to this office letter 1st cited wherein the proposal submitted by the APIIC, Visakhapatnam for laying of 1100mm dia DI Water Supply Pipeline from Yeleru Canal near Koppaka of Anakapalli Mandal to Krishnapalem Tanks of Rambilli Mandal along NH-16 from Km. 741.051 to Km. 744.430 for a length of 3379 meters of K-C Corridor was submitted to the RO, NHA, Vijayawada for approval.
2. In reply, RO, NHA, Vijayawada vide reference 2nd cited made certain observations on the proposal and requested to submit the compliance report.
3. Accordingly, M/s. APIIC, Visakhapatnam vide reference 3rd cited submitted the following.
 - (i) The revised Drawing duly showing the trench width of 1.70m is herewith enclosed.
 - (ii) The Revised Licence Fee Calculation duly signed is herewith enclosed.
 - (iii) The Revised Check List duly indicating the trench width as 1.7m is herewith enclosed.

Building a Nation, Not Just Roads

निगमित कार्यालय जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075, वेब साइट : <http://www.nhai.org>
Corporate Office : G-5 & 6, Sector-10, Dwarka, NEW DELHI - 110 075, Website : <http://www.nhai.org>

- 4 In view of the above, the compliance report submitted by the Zonal Manager, M/s. APIIC Ltd., Visakhapatnam is herewith enclosed for favourable consideration and according necessary approval.

Thanking you,

Yours faithfully,



(A. Srinivasa Rao)
Project Director

Encl: As above.



SPECIFICATION REPORT

Specification report to accompain the estimate towards " License Fee" for laying of 1100mm dia DI Water Supply Pipeline from Yeleru Canal near Koppaka of Anakapalli Mandal to Krishnapalem Tanks of Rambilli Mandal along NH-16 from Km. 741.051 to Km. 744.430 for a length of 3379 meters of K-C Corridor vt M/s. APIIC Ltd., Visakhapatnam

Estimate Amount: 23,42,083

The Zonal Manager, M/s. APIIC Ltd., Visakhapatnam Letter vide Letter No. ZM/SPZ/W.S/VCIC/2017-18 Dt. 16.04.2018 have requested to issue permission for laying of 1100mm dia DI Water Supply Pipeline from Yeleru Canal near Koppaka of Anakapalli Mandal to Krishnapalem Tanks of Rambilli Mandal along NH-16 from Km. 741.051 to Km. 744.430 for a length of 3379 meters of K-C Corridor by M/s. APIIC Ltd., Visakhapatnam.

The rate of Land abutting NH / SH / ZPP / MPP obtained from the website of registration and stamp department , Government of Andra Pradesh is used for calculation of the License fee. The list of villages falling in the proposed stretch of road, corresponding chainages and breakup of village wise land rates are as follows.

S.no	Name of the village	Chainage (KMR)		Length (Km)	Rate of of Land Abutting NH	
		From	To		per Acre	per.Sq.m
1	Anakapalli	741.051	744.430	3.379	10000000	2471.05

The land rate corresponding to the chainage is used for calculation of license fee.

Hence the License Fee estimate is prepared as per MoRTH Circular Memo No. RW/NH/33044/29/2015/S&R(R) ,dated 22nd NOV,2016.



Project Director,
NHAI, Rajamahendravaram



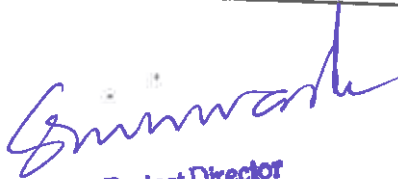
CHECK LIST


Guidelines for processing the proposal for laying of water supply pipe line in the land along National Highways vested with NHAI

Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016

Checklist for getting approval for laying of water supply pipe line on NH land

Sl No.	Item	Information Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	Andhra Pradesh Industrial Infrastructure Corporation, Special Projects Zone, One Stop Service Centre, Atchutapuram, Visakhapatnam District, Pin.531101	
1.2	National Highway Number	NH-16	
1.3	State	ANDHRA PRADESH	
1.4		Between Yeleru canal near konda koppaka to Anakapalli - Pudimadaka Road Junction	
1.5	Chainage/Km	Km 741/051 to Km 744/430	
1.6	Length in Meters	3379 Mts	
1.7	Width of available ROW		
	a) Left side from center line towards increasing chainage /km direction	Varies from 16 to 40 Mtrs	
	b) Right side from center line towards increasing chainage /km direction	Varies from 16 to 30 Mtrs	
1.8	Proposal to lay the utility		
	a) Left side from center line towards increasing chainage /km direction	(NH) KM 741/051 to (NH) KM 744/430	
	b) Right side from center line towards increasing chainage /km direction		
1.9	proposal to acquire the land		
	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	YES	
	if not then where to lay the cable	NA	
1.11	Details of already laid services, if any along the proposed route	No	
1.12	Number of Existing lanes(2,4,6,8 lanes)	4 lanes	



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1.13	proposed number of lanes (2lane 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 Water Supply pipe line is after the service road or between the service road and main carriage way.	NA	
1.17	Whether carrying of sewage /gas pipeline has been proposed on highway/bridges if YES then mention the methodology proposed for the same	NA	
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 crossing of the road involved If YES ,it shall be either encased in pipes or through structure or conduits specially built for that puopose at the expense of the agency owning the line	NO	
	a)whether the existing drainage structures are allowed to carry the pipeline.	NO	
	b)is it on aline normal to the NH	NO	
	c)What is the distance of crossing the utility pipelines from the existing structurescrossing shall not be too near the existing structures on the national highway. The minimum distance being 15 meter.	N.A	
	d)The casing pipe carrying the utility line shall be of steel .cast iron pr reinforced cement concrete and have adequate srength and be large enough to permit ready withdrawl of carrier pipe/cable	N.A	
	e)Ends of the casing /Conduit pipe shall be sealed from the outside,so that it doesnot act as a drainage path	NA	
	f)The casing/conduit pipe should as minimum extend from drain to drain in cuts and toe of slope in fills.	NA	
	g) The top of the casing /conduit pipe should be atleast 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain invert.	YES	




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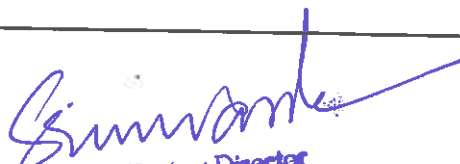

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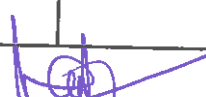
	h)Mention the methodology proposed for crossing of road for the proposed sewage /Gas pipe line .Crossing shall be by boring method HDD.specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	NA	
	i)The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a water way along it.	NA	
2	Document/Drawing to be enclosed with the proposal		
2.1	Cross section showing the size of the trench for open trenching method	1.80 to 3 meters depth & 1.70Mt width as per gradient.	
	(is it normal size of 1.2m deep X 0.3meter wide)	YES	
	i)should not be greater than 60cms wider than the outer diameter of the pipe	YES	
	ii)located as close to the extreme edge of the right of way as possible but not less than 15m from the centerline of the nearest carriageway	YES	
	iii)shallnot 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	NA	
	iv)These should be so laid that their top is at least 0.6m below the ground levelso as not to obstruct drainage of the road land	NA	
2.2	Cross section showing the size of the pit and location of cable for HDD method	NA	
2.3	Strip plan / Route plan showing the water supply pipe line chainage width of ROW distance of proposed, cable from the edge of ROW, important mile stone, Intersections, Cross Drainage works etc.,	YES	
2.4	Methodology for laying of the utility pipeline	Enclosed	
2.4.1	Open trenching method. May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.	Yes, Backfilling shall be done with granules material. Compaction shall be done in layers of 15 cm each.	
	a)The trench width should be at least 30cms. But not more than 60cms wider than the outer diameter 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 form surface without sudden change in the bearing value.Unsuitable soil and rock edged should be excavated and replaced by selected material.	YES	


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	c)The backfill shall be completed in two stages i)side fill to the level of the top of the pipe and ii)overfill to the bottom of the road crust	YES	
	d) The side fill shall consist of granular material laid in 15cms layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density .Overfill shall be compacted to the same density as the material that has been removed.consolidation by saturation or ponding willnot be permitted.	YES	
	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 redlights during night hours	YES	
	g)if required a diversion shall be constructed at the expence of agency owing the utility line	YES	
2.4.2	Horizontal Directional Drilling method(HDD method)	NO	
2.4.3	Methodology for laying of the pipeline through CD works and method of laying	NA	
3	Draft license agreement is signed by two witnesses	Enclosed	
3.1	The licensee fee estimate as per ministry guide lines issued vide circular no:RW/NH/33044/29/2015/S&RDATED 22-11-2016	Enclosed	
4	whether performance bank guarantee as per minstry circular No:RW/NH-3044/29/2015/S&R(R)DATED 22-11-2016 is obtained	An undertaking for agreement is attached here with.	
4.1	Confirmation of BG has been obtained or not as per MORTH/NHAI guide lines	Yes	An undertaking for agreement is attached here with.
5	Affidifit /undertaking from the applicant from the following is to be furnished		
5.1	Undertaking for not to damage any other utility ,if damaged then to pay the losses eithe to NHAI or to the concerned agency	Enclosed	
5.2	Undertaking for renewal of BG as when asked by MORTH/NHAI	Enclosed	
5.3	Undertaking for confirming all standsard condition of Minsttry /NHAI guide lines	Enclosed	
5.4	Undertaking for indemnity againsst all damages and claims	Enclosed	


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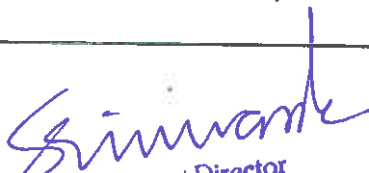

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5.5	Undertaking for management of traffic moment during laying of utility line without hampering the traffic	Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire /contractor then the same has to be paid by applicant	Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work/installation /shifting/repairs /alterations to the utility located in the national highways ROW	Enclosed	
5.8	Undertaking that expenditure if any incurred by NHAI by repairing any damage caused to the NH by laying maintenance or shifting of the utility line will be borne by the applicant agency owning the line	Enclosed	
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	Enclosed	
5.10	undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity. Chief controller of explosives.petroleum and explosive safety organization.Oil industry safety directorate.state /central pollution control board and any other statutory clearance as applicable .before applying to Highway administration	N.A	
5.11	if the MORTH/NHAI considers if necessary in future to move the utility line for any work of improvement or repairs to the road,it will be carried out as desired by the MORTH/NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days)of the intimation given	Enclosed	
5.12	certificate from the applicant in the following format		
	i)laying of water supply pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Enclosed	
	ii)"we do undertake that I /we will relocate service road /approach road /utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laneing/any other development"		
6	Who will sign the agreement on behalf of Optical Fibre Cable agency	Zonal Manager, Special Project Zone, APIIC.	
	power of attorney to sign the agreement is available or not	YES	
7	The project director will submit the following certificates		

Srinivas
 Project Director
 NHAI-PIU
 CHENNAI
 VISAKHAPATNAM
 VISAKHAPATNAM

[Signature]
 ZONAL MANAGER
 APIIC LIMITED
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7.1	Certificate that the proposal is confirming to all standard conditions issued vide ministers circular no:RW/NH/33044/29/2015/S&R DATED 22-11-2016.	Yes	
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 wending of the carriageway, easing of Curve etc".	Yes	
	ii)for six laning		
	a)where feasibility is available"i do certify that there will be no hindrance to proposed six laning based on the feasibility report considering proposed structures at he said location ".		
	b)in cae feasibility report is not availabile "i do ceertify that sufficient ROW is available at sight for accommodating proposed six laning"		
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 licensee has been granted the right to lay Gas pipeline /Duct has also been granted as a right of way of to the cocessionaire under the concession agreement for upgradation of Kolkata - Chennai Section from Km _____ to Km _____ of NH No: 16 on Build Operate and Transfer basis and therefore the licensee shall honour the same".	Yes	
9	who wil supervise the work of laying of Optical Fibre Cable.		
	a) Onbehalf of the applicant	Yes(Manager,Special Projects Zone, APIIC,Atchutapuram.	
	b) On behalf of MORTH /NHAI	NHAI,PIU,Rajahmundry/ Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of water supply pipe line are corrected and if not corrected then what action will be taken.	NHAI,PIU,Rajahmundry/ Supervision Consultant/Independent Engineer.	
	a)onbehalf of the applicant	Yes(Zonal Manager,Special Projects Zone, APIIC,Atchutapuram.	
	b)on behalf of NHAI	PD/Consulatant	
11	Who will pay the claims for damages done /disruption in working of concesionaire if asked by the concessionaire.	Zonal Manager,APIIC, Special Projects Zone, Atchutapuram	


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	a)onbehalf of the applicant	Yes	
12	A certificate from PD that he will enter the proposed permission in the registerof records of the permissions in the prescribed proforma(copy enclosed)	Yes	
13	If any previous approval is accorded for laying of underground water supply pipe line then Photocopy of register of records or permissions accorded as maintained by PD then copy be enclosed.	No such permission is accorded	

Name /Designation/Signature of the
authorized representative of the applicant

Name /Designation/Signature of the
concerned field authority of NHAI/PWD/BRO

Ginwark

[Signature]

Project Director
NHAI-PIU
RAJAMAHENDRAVARAM

[Signature]
ZONAL MANAGER
APIC LIMITED

SPECIAL PROJECTS ZONE
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[Signature]