



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

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

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/11045/ RWS&S/2023-24/ 506

February 08, 2023.

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for laying Drinking Water supply scheme Pipe line to Uddanam Area of Srikakulam District across NH-16 at 13 locations in the state of Andhra Pradesh at Km 481.020, Km 528.800, Km 524.250, Km 512.670, Km 511.280, Km 509.440, Km 493.960, Km 491.420, Km 496.800, Km 504.450, Km 486.540, Km 484.210 and Km 502.100 Totalling to a length of 780 Sq. Mts - Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of M/s. Rural Water Supply and Sanitation Department, Govt. of Andhra Pradesh across NH-16 at Km 481.020, Km 528.800, Km 524.250, Km 512.670, Km 511.280, Km 509.440, Km 493.960, Km 491.420, Km 496.800, Km 504.450, Km 486.540, Km 484.210 and Km 502.100 totalling to 780 Sq. mts in Srikakulam District 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 is invited on below mentioned address.

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

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



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय भारत सरकार)

National Highways Authority of India

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

परियोजना कार्यालयन इकाई (जि वयू), भा.रा.रा.पा.एन्क्लेव, कि.मी. 2/8 रा.रा.-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत

Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

Hanumanthavaka, Visakhapatnam - 530 040, A.P., India

फोन / Tel : 0891-2707600, 2714119

ई-मेल/ E-mail : vis@nhai.org, nhaipiuvsp@gmail.com, वेब : www.nhai.gov.in



NHAI/PIU-VSP/Permissions-UDDANAM/2022-23/1162

Date : 02.01.2023

To
✓ The Regional Officer,
Regional Office-Vijayawada
National Highways Authority of India,
D.No.41-29-45/A,R.S.No.373/2A,
Kodandaramalayam, Chalasani Nagar,
Ranigarithota, Krishnalanka
VIJAYAWADA-520013(A.P)



SE/K
9/1/23

Sub: NHAI, PIU, Visakhapatnam - Water Grid Project - Providing drinking water supply scheme to Uddanam Area of Srikakulam District - Laying of Drinking Water Pipelines along and across NH-16 Srikakulam district in the state of Andhra Pradesh - Request for issuing NOC- regarding.

- Ref: 1. Letter No. 2/372/Uddanam Project/NHAI PERMISSIONS/AEE-2/2020-21, Dt.30.12.2021 received on 04.03.2022
2. This office letter No. NHAI/PIU-VSP/UDDANAM/2022-23/1008 Dt.29.11.2022
3. M/s MSV letter No. MSV-Sri Inotech/110/SITE OFFICE/NHAI/IE(O&M)/NAR-AP/NH-16/2022-23/051 Dt.23.12.2022
4. M/s Safeway concessionaire Lr.No INTPL/NHAI/2022-23/1071 Dt 29.12.2022

Sir,

1. Vide letter 01st cited, the Authorized Signatory, Superintending Engineer, RWS&S., SRIKAKULAM has submitted a proposal through MORTH.NOC portal with a request to accord Permission for Laying of Drinking Water Pipelines across NH-16 at Km. 528.880, Km. 524.25, Km. 512.670, Km. 511.280, Km. 509.440, Km. 493.960, Km.491.420, Km.496.800, Km. 504.450, Km.486.540, Km.484.210, Km.481.020, Km.502.100 in Srikakulam district in the state of Andhra Pradesh. The proposal has been forwarded to the Independent Consultant vide this office letter 02nd cited.
2. The subject proposal falls in the TOT stretch from Icchapuram to Narasannapeta section and thus concurrence/ report has been sought from the Independent Engineer & Concessionaire. The proposal has been inspected and verified by Independent Engineer and recommendation have been communicated vide reference 3rd cited and concessionaire has submitted their consent vide reference 4th cited.
4. The following documents are submitted by the Agency as per the MORTH guidelines dated 22.11.2016
 - (a) Proposal letter
 - (b) Check List
 - (c) The ROW details as per available records are 60 mts.
 - (d) License deed / Lease agreement.
 - (e) Undertakings
 - (f) Strip plan


- (g) Detailed description of methodology for crossing.
- (h) Detailed description of standard technical specification for laying of underground water pipeline
- (i) License fee estimate
- (j) Cross section of Road crossing drawing. ✓

780

6. In view of the recommendations of the Consultants, the proposal submitted by The Superintending Engineer, RWS&S, SRIKAKULAM, for permission for Laying of Drinking Water Pipelines across NH-16 at Km. 528.880, Km. 524.25, Km. 512.670, Km. 511.280, Km. 509.440, Km. 493.960, Km.491.420, Km.496.800, Km. 504.450, Km.486.540, Km.484.210, Km.481.020, Km.502.100 for a total length of 780 mts is herewith recommended for the approval of Competent Authority.

Encl: Proposal in two sets
(01 Original + 01 Duplicate)

Yours faithfully,


(P. Siva Sankar)
GM(T) & Project Director

CERTIFICATE

- 1 It is certified that the proposal for "Permission for laying optical fiber cable across the NH-16 at Km. 528.880, Km. 524.25, Km. 512.670, Km. 511.280, Km. 509.440, Km. 493.960, Km.491.420, Km.496.800, Km. 504.450, Km.486.540, Km.484.210, Km.481.020, Km.502.100 for a total length of 780mts in Srikakulam district in the state of Andhra Pradesh" is confirming of all the standard conditions / guidelines issued vide Ministry circular No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016.
- 2 It is certified that there will be no hindrance at the said location, if six-laning project is taken up. An undertaking in this regard is submitted by the agency duly notifying that RWS&S., Srikakulam will relocate the pipeline at their own cost if 6-laning is taken up.
3. It is certified that the details of the proposed permission are entered in the Register of Records of the Permission maintained by PIU.


Satish Chintada 2/1/23
Dy Manager(Tech)


[P. Siva Sankar]
Project Director


Site Engineer 2/1/23

ANNEXURE - I **Calculation of License Fees & Bank Guarantee Amount**

Providing drinking water supply scheme to Uddanam Area of Srikakulam District - Laying of Drinking Water Pipelines along and across NH-16 Srikakulam district in the state of Andhra Pradesh

Sl. No.	Name of Village	Chainage		Length	Width	Area required Sq. Mtrs.	Prevailing rate of Land in Rs./ acre (As per Revenue Records)	Prevailing rate of Land in Rs./Sq.Mtrs.	Amount Rs.	Remarks
		from km	to km							
1	Neelibadra	528.880	528.880	60	0.500	30.00	53,24,000	1,316	39,468	39,468
2	sunnada	524.250	524.250	60	0.500	30.00	7,15,000	177	5,300	5,300
3	kuntikota	512.670	512.670	60	0.500	30.00	5,50,000	136	4,077	4,077
4	dabaru	511.280	511.280	60	0.500	30.00	31,94,400	789	23,681	23,681
5	Binnala jn	509.440	509.440	60	0.500	30.00	53,24,000	1,316	39,468	39,468
6	baliputuga	493.960	493.960	60	0.500	30.00	16,50,000	408	12,232	12,232
7	sompeta	491.420	491.420	60	0.500	30.00	1,33,10,000	3,289	98,669	98,669
8	jalantharakota	496.800	496.800	60	0.500	30.00	53,24,000	1,316	39,468	39,468
9	palavalasa	504.450	504.450	60	0.500	30.00	6,60,000	163	4,893	4,893
10	belagam	486.540	486.540	60	0.500	30.00	7,50,000	185	5,560	5,560
11	kaviti	484.210	484.210	60	0.500	30.00	7,50,000	185	5,560	5,560
12	kotha kojirina	481.020	481.020	60	0.500	30.00	5,50,000	136	4,077	4,077
13	Korlam	502.100	502.100	60	0.500	30.00	9,63,000	238	7,139	7,139
				780						
				Total Amount					2,89,591	2,89,639
									2,413	2,413
									1,44,795	1,44,840

2,50,159

Performance Bank Guarantee Amount calculation	
Amount of Performance Bank Guarantee to be submitted = Total No. of route meters x Rs. 250/- per route meter (>300 and <= 1000 mm dia/width) = 780*250 = 1,95,000/-	1,95,000

GM (T) & Project Director



Unit Rates Village Wise

District Name	Mandal Name	City/Town/Village	Survey No.
SRIKAKULAM	KAVITI	KAVITI	Select

To view Survey No. Wise Details

S.No	Habitation	Nature Of Use	Rate per Sq. Ft.	Effective Date
1.	KAVITI	Dry land	425,000	10/08/2020
2.	KAVITI	Wet Land double crop	425,000	10/08/2020
3.	KAVITI	Coconut Garden	750,000	10/08/2020
4.	KAVITI	House Sites	5,324,000	10/08/2020
5.	KAVITI	Agricultural Land fit for H.S.	5,324,000	10/08/2020
6.	KAVITI	Land abutting NH/SH/ZPP/MPP	750,000 ✓	10/08/2020

Note :

1. This is provisional information as per records maintained by registration department for the purpose of helping the registering public to estimate the stamp duty only, subject to change due to revision of market value once in a year OR adhocly due to anomalies.

2. For further details contact Sub Registrar office
ICHAPURAM,
 15-1-58,
 NEARRURALPOLICESTATION, ICHAPURAM
 ICHAPURAM
Phone : 231865





Unit Rates Village Wise

District Name: SRIKAKULAM Mandal Name: SOMPETA Circle Name: KORLAM Survey No: Select

[To view Survey No Wise Details](#)

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	KORLAM	Dry land	385,000	01/08/2019
2.	KORLAM	Wet Land double crop	495,000	01/08/2019
3.	GENALLAPADU	Coconut Garden	550,000	01/08/2019
4.	HUKUMPETA	Coconut Garden	550,000	01/08/2019
5.	KORLAM	Coconut Garden	550,000	01/08/2019
6.	LAXMIPURAM	Coconut Garden	550,000	01/08/2019
7.	KORLAM	House Sites	9,584,000	01/08/2019
8.	GENALLAPADU	Agricultural Land fit for H.S.	4,792,000	01/08/2019
9.	HUKUMPETA	Agricultural Land fit for H.S.	4,792,000	01/08/2019
10.	KORLAM	Agricultural Land fit for H.S.	4,792,000	01/08/2019
11.	LAXMIPURAM	Agricultural Land fit for H.S.	4,792,000	01/08/2019
12.	KORLAM	Land abutting NH/SH/ZPP/MPP	963,000	01/08/2019

Print

Note :

1.This is provisional information as per records maintained by registration department for the purpose of helping the registering public to estimate the stamp duty only, subject to change due to revision of market value once in a year OR adhocly due to anomalies.

2.For further details contact Sub Registrar office

SOMPETA,

14-10-138,

M,R,OSCAMBUS, Sompeta

Sompeta

Phone : 233225





Unit Rates Village Wise

Distric Name	Village Name	Survey No.	Area	Rate	Unit
SRIKAKULAM	PALASA	SUNNADA	Select		
To view Survey No. Wise Details					
S.No.	Habitation	Nature Of Use	Unit Rate	Area	Value
1.	SUNNADA	Dry land	495,000	10/08/2020	
2.	SUNNADA	Wet Land double crop	495,000	10/08/2020	
3.	SUNNADA	Coconut Garden	495,000	10/08/2020	
4.	SUNNADA	House Sites	6,221,200	10/08/2020	
5.	SUNNADA	Land abutting NH/SH/ZPP/MPP	715,000	10/08/2020	

Note :

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2.For further details contact Sub Registrar office

KASIBUGGA,

10-5,

NEARSRINIVASALODGE,G.HINAGAR, KASIBUGGA

KASIBUGGA

Phone : 242461





Unit Rates Village Wise

District Name	Mandal Name	City/Town/Village	Select
SRIKAKULAM	PALASA	NEELIBHADRA	Select

[To view Survey N. Wise Details](#)

S.No.	Habitation	House Type	Area in Sq. Ft.	Rate in Rs.	Effective Date (dd/mm/yyyy)
1.	NEELIBHADRA	Dry land	495,000		10/08/2020
2.	NEELIBHADRA	Wet Land double crop	495,000		10/08/2020
3.	NEELIBHADRA	Coconut Garden	495,000		10/08/2020
4.	NEELIBHADRA	House Sites	5,324,000		10/08/2020 ✓

Note :

1. This is provisional information as per records maintained by registration department for the purpose of helping the registering public to estimate the stamp duty only, subject to change due to revision of market value once in a year OR adhocly due to anomalies.

2. For further details contact Sub Registrar office

KASIBUGGA,

10-5,

NEARSRINIVASALODGE,G,HINAGAR, KASIBUGGA

KASIBUGGA

Phone : 242461



icchapuram Tollway Private Limited

CIN: U63090HR2018FTC077812
Corporate Office: Unit No. 603-B, 6th Floor,
Godrej BKC, Plot C-68, G Block,
Bandra Kurla Complex, Bandra (East),
Mumbai - 400051
Tel: +91 22 5056 2100
e-mail: cs@safewayconcessions.com



INTPL/NHAI/2022-23/1071

Dated: 29th December, 2022

To

The Project Director,
National Highways Authority of India,
Project Implementation Unit,
NHAI Enclave, Km. 2/8, Hanumanthavaka,
VISAKHAPATNAM-530040, Andhra Pradesh

Sub : Projects comprising of 9 National Highway stretches (Bundle-1) on Toll Operate Transfer Mode - **icchapuram to Narasannapeta section (from Km.484+000 to Km.580+700) of NH-5 (New NH-16) in the state of Andhra Pradesh.**

Water Grid Project - Providing drinking water supply scheme to Uddanam Area of Srikakulam District - Laying of Drinking Water Pipelines along and across NH-16 - Submission of Consent - Regarding.

Ref : 1) Your letter No. NHAI/PIU-VSP/UDDANAM/2022-23/1008 dated 29-11-2022
2) Your letter No. NHAI/PIU-VSP/UDDANAM/2022-23/1009 dated 29-11-2022
3) IE's letter No. MSV-Sri Infotech/110/SITE OFFICE/NHAI/IE(O&M)/Nar-AP/NH-16/2022-23/051 dated 23-12-2022
4) IE's letter No. MSV-Sri Infotech/110/SITE OFFICE/NHAI/IE(O&M)/Nar-AP/NH-16/2022-23/052 dated 23-12-2022

Dear Sir,

This refers to your above cited letters dated 29-11-2022, wherein recommendation of the Concessionaire was sought for laying of drinking water pipelines along and across NH-16 by RWS&S Department.

In response to the above communication, we hereby convey our consent for laying water pipelines by RWS&S department at proposed location subject to the provisions of Clause 11.3.1 of the Concession Agreement i.e., *"Where such access or use causes any financial loss to the Concessionaire, it may require the user of the Site to pay compensation or damages as per Applicable Laws"*.

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

Yours faithfully,

For and on behalf of icchapuram Tollway Private Limited

Senthil Kumar
Authorized Signatory

K. Hari Krishna
Authorized Signatory

Copy to : The Independent Engineer, M/s. MSV International, Inc., Rotary Nagar-3, Tekkali, Srikakulam for kind information please.

4. Applicant has to obtain the permissions of various safety clearances from the respective Authorities such as Electricity Chief Controller of Explosives, Petroleum and Explosives Safety Organization, Oil Industry safety Directorate, State/Central Pollution Control Board and any other statutory clearances as applicable as per para 4 of MoRT&H guidelines vide under reference 4th cited above

In view of above we recommend that the above works may be taken up in the project highway without damaging the project highway assets

This is for your kind information and further necessary action

Thanking you and assuring you of our best professional services at all time,

Yours Truly,
For MSV International Inc in association with Sri Infotech


K. Nageswara Rao

Highway Maintenance cum Resident Engineer

Encl.: 1. One Original Booklet returned herewith
2. Annexure-I (13 pages) checklist

Cc: Authorized representative, M/S Ichchapuram Toll way Pvt. Ltd for necessary action

NHAI PIO	VSP
G/M	
Dy.M	
S(MLN)	
(RVG)	
ACLT5	
SE-1	
SE-2	
SE-3	

Check list for getting approval for laying of water supply pipe line Crossings @ Km. in between the section of Ichchapuram to Bendi gate Junction of NH16 in the state of AP.

S No	Item	Information/Status	Remarks
I	General Information		
1.1	Name and Address of the Applicant/Agency	SE,RWS&S,Srikakulam Circle,Srikakulam,AP	- Do -
1.2	National Highway Number	NH-16	- Do -
1.3	State	AP	- Do -
1.4	Location	Ichchapuram to Bendi gate Section	- Do -
1.5	(Chainages in km)--crossing	528/880, 524/250, 512/670, 511/280, 509/440, 493/960, 491/420, 496/800, 504/450, 486/540, 484/210, 481/020, 502/100	- Do -
1.6	Length in Meters	60	- in each location -
1.7	Width of available ROW	Enclosed	- Do -
	(a) Left side from center line towards increasing chainage/km direction		-
	(b) Right side from center line towards increasing chainage/km direction		-
1.8	Proposal to lay underground water Pipe Line	---	-
	(a) Left side from Center	---	-
	(b) Right side from center line	yes	- Do -
1.10	Whether proposal is in the same side where land is not to be acquired	No	- Do -
	If not then where to lay the pipeline	---	-
1.11	Details of already laid services, if any along the proposed route		- NA -
1.12	Number of lanes (2/4 / 6/8 lanes) existing	4	- Do -
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)	---	-
1.14	Service road existing or not	yes	- DO -
	If yes then which side	yes	- DO -
	(a) Left side from center line	yes	- DO -
	(b) Right side from center line	yes	- DO -
1.15	Proposed Service road	NA	- NA -
	(a) Left side from center line	---	-
	(b) Right side from center line	---	-
1.16	Whether proposal to lay Water Supply Pipe line is after the Service road or between the Service road and main carriageway	---	- After the Service Road -

J. Prasad
AEE/Palasa/PS/RWS&S

L. Aseltine
Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)



S No	Item	Information/Status	Remarks
1.17	<p>The Permission fro laying of Water Supply Pipe Line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.</p> <p>(a) Carrying of Sewage / Water Supply pipelines on highway bridges shall not be permitted as Furnes / gases pipes can accelerate the process of corrosion may cause explosions, thus, being much more injurious than leakage of Water.</p> <p>(b) Carrying of gas Water pipe lines on bridges shall also be discouraged. However, If the watersupply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs, etc</p> <p>(c) Cost of required extensionion of the substructure as well as that of the supporting superstructure shall be borne by the agency- in - charge of the utilities.</p> <p>(d) Services are not being allowed indiscriminately on the parapet/any part of the bridges , safety 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 the Ministry's-project CE only</p>	DRINKIN WATER PIPE LINE	- DO -
1.18	<p>If Crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line</p>	YES --13--CROSSINGS	- DO -
	(a) Existing drainage structures shall not be allowed to carry the lines.	NO	Not allowed through existing structures
	(b) Is it on a line normal to NH	YES	- DO -
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures	MORE THAN 15 METERS	- DO -
	(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.	YES	- Db -
	(e) Ends of the Casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	YES	- DO -

K. Prasad
 AEE / Palasa (P) / RWS&S

19/1/2016
 Dy. Executive Engineer
 RWS&S, Sub-Division
 Palasa (Projects)



S No	Item	Information/Status	Remarks
	(f) The Casing/conduit pipe should, as minimum extend from drain to drain cuts and toe of slope toe of slope in the fills.	YES	- Do -
	(g) The top of the Casing/conduit pipe should be atleast 1.2meter below the surface of the road subject to being at least 0.3m below the drain inverts.	COMPILED	To be Executed at site
	(h) Crossing shall be by boring method (HDD) Specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD	HDD only
	(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.	COMPILED	To be Executed at site
2	Document/ Drawings enclosed with the Proposal		
2.1	Cross Section showing the size of trench for open trenching method (Is its normal size of 1.2m deep X 0.3m wide) (i) Should not be greater 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 meter from the centre-lines of the nearest carriageway (iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges (iv) These should be so laid that their top is at least 0.6meter below the ground levelso as not to obstruct drainage of the road land.	Enclosed	- Do -
2.2	Cross section showing the size of pit and location of cable for HDD method	Enclosed	- Do -
2.3	Strip Plan / Route Plan Showing 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.,	Enclosed	- DO -
2.4	Methodology for laying of showing Water supply pipe line.	Enclosed	- DO -
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	Enclosed	- No - At any case Road (Service/ Main) can't be allowed to excavate
	(a) The trench width should be at least 30cm, but not more than 60cm wider than the outer diameter of the pipe.	Complied	To be Executed at site

K. Ramesh
AEE/Palasa(P)/RWS&S

L. G. S. S. S.
Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)



S No	Item	Information/Status	Remarks
	(b) For filling of the trench, Bedding shall be to 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 sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Complied	To be Executed at site
	(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.	Complied	To be Executed at site
	(d) The side-fill shall consist of granular Material laid in 15cm layers each consolidated by mechanical tempering and controlled addition of moisture to 95% of the proctor's Density overfill shall be compacted to the same density as the material that had been removed. consolidation by saturation or ponding will not be perimitted. (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	COMPILLED	To be Executed at site
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	COMPILLED	To be Executed at site
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	WILL BE PROVIDE,IF REQUIRED	Seperate permission is required.
2.4.2	Horizontal Directional Drilling (HDD) Method	HDD	HDD
2.4.3	Laying of Water Supply Pipe Line through CD Works and Method of laying	Enclosed	Not allowed
	(a) On approaches, the gas mains/cables shall be carried along a line as close to the edge of the right-of-way as possible up-to a distance of 30m from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter No. NH-HI/P/66/76 dated 19.11.1976		—
3	Draft License Agreement signed by two witness	Enclosed	— DO —

[Signature]
AEE/Palasa (P)/RWS&S

[Signature]
Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)



S No	Item	Information/Status	Remarks
	Performance Bank Guarantee in favour of NHAI has to be obtained @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 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 licensee for clearing debris/loose earth		
4.1	Performance BG as per above is to be obtained.	After approval.	- DO -
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Will be obtained after submission of BG.--	After approval
5	Affidavit/ Undertaking from the Applicant for	Enclosed	- DO -
5.1	Not to damage to ther utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	paid to NHAI
5.2	Renewal of Bank Guarantee	Enclosed	-
5.3	Confirming all standard condition of NHAI's guidelines	Enclosed	- DO -
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost	Enclosed	To be done whenever Required by NHAI
5.5	Shifting due to 6-lane / widening of NH	Enclosed	- u
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	- DO -
5.7	Traffic movement during laying os water supply pipe line to be managed by the applicant	Enclosed	- DO -
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	EE,RWS&S, DIVISION OFFICE, SRIKAKULAM--ENCLOSED	RWS&S Agency is responsible.
5.9	Prior approval of NHAI shall be before undertaking	Enclosed	- Yes -
	alterations to the showing Water Supply Pipe Line located in the National Highway right-of-ways.		-
5.10	Expenditure if any incurred by NHAI for repairing any damage caused to the National Highway by the laying. Maintenance, or shifting of the water supply pipe line will be borne by the agency owning the line	EE,RWS&S, DIVISION OFFICE, SRIKAKULAM--ENCLOSED	RWS&S Agency is responsible.
5.11	If 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 reasonable time (not exceeding 60 days) of the intimation given	UNDER TAKING IS ENCLOSED-- ENCLOSED	- DO -

K. Prasad
AEE/Palasapp/RWS&S

L. S. S. S. S.
Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)



S No	Item	Information/Status	Remarks
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) for 6-laning " We do undertake that I will relocate service Road/ approach Road/ utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six- laning or any other development.	Enclosed	- Do -
6	Who will sign the agreement on behalf of Water Supply pipeline agency	Executive Engineer, SriKakulam, RWS&S, Division, SriKakulam District.	- Do -
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. Ministry Circular No. NH-41 (58)(68) dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S& R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S7R (B) dated 17.9.2003	Enclosed	- Do -
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- 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 the said location" (b) In case feasibility report is not available : I do certify that sufficient ROW is available at site for accomodation proposed six-laning".	Enclosed	-

[Signature]
AEE / Palasa / RWS&S

[Signature]
Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)



S No	Item	Information/Status	Remarks
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 cable/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.----- Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	Inserted	—
9	Who will supervise the work of laying of water supply pipe line	RWS&S, Quality Control, Vijayawada, AP	— Do —
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.	Executive Engineer, Srikakulam, RWS&S, Division, SriKakulam District.	— Do —
11	Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the concessionaire?	Executive Engineer, Srikakulam, RWS&S, Division, SriKakulam District.	— Do —
12	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).		—
13	If any previous approval is accorded for laying of underground Water Supply Pipe line then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	Yes- Previous permissions were accorded.	— yes —

E. Prasad Rao - R. Thy.
Assistant Executive Engineer,
RWS&S, Sub-Division Palasa (Projects)

[Signature]
Assistant Executive Engineer
RWS&S, Sub-Division Sompeta (Projects)

[Signature]
Dy. Executive Engineer
RWS&S, Sub-Division
Palasa (Projects)

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RWS&S, Sub-Division
Sompeta (Projects)

[Signature]
Executive Engineer
RWS&S Division, Srikakulam



1. Location 1: Km 481+020 ✓

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and with earthen shoulders on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 1 & 2 are ready reference:



(1) 481+020 (LHS)



(2) 481+020 (RHS)



2. Location 2: Km 484+210 ✓

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and with earthen shoulders on both sides with 4.5 median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 3 & 4 are ready reference:



(3) 484+210 (LHS)



(4) 484+210 (RHS)



3. Location 3: Km 486+540 ✓

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and with earthen shoulders on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 5 & 6 are ready reference:



(5) 486+540 (LHS)



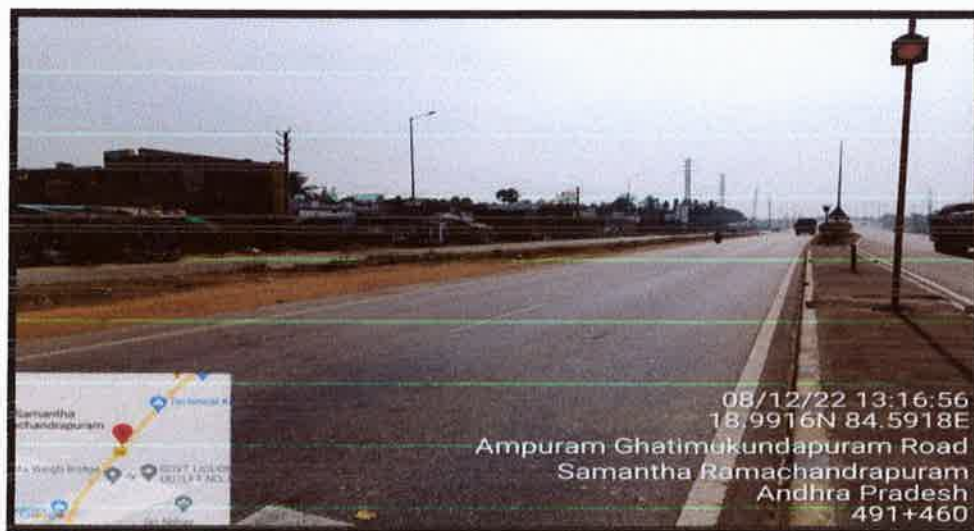
(6) 486+540 (RHS)



4. Location 4: Km 491+420

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4 lanes and Service road on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 7 & 8 are ready reference:



(7) 491+420 (LHS)



(8) 491+420 (RHS)



5. Location 5: Km 493+960

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and Service road on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 9 & 10 are ready reference:



(9) 493+960 (LHS)



(10) 493+960 (RHS)



6. Location 6: Km 496+800

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and with earthen shoulders on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 11 & 12 are ready reference;



(11) 496+800 (LHS)



(12) 496+800 (RHS)



7. Location 7: Km 502+100

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and Service road on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 13 & 14 are ready reference:



(13) 502+100 (LHS)



(14) 502+100 (RHS)



8. Location 8: Km 504+450

In this location the available ROW is 62 m (LHS-31m & RHS-31m), Main Carriageway with 4-lanes and Service road on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 15 & 16 are ready reference:



(15) 504+450 (LHS)



(16) 504+450 (RHS)

(16) 504+450 (RHS)



9. Location 9: Km 509+440

In this location the available ROW is 62 m (LHS-31m & RHS-31m), Main Carriageway with 4-lanes and with earthen shoulders on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 17 & 18 are ready reference:



(17) 509+440 (LHS)



(18) 509+440 (RHS)



(18) 509+440 (RHS)

10. Location 10: Km 511+280

In this location the available ROW is 62 m (LHS-31m & RHS-31m), Main Carriageway with 4-lanes and Service road on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 19 & 20 are ready reference:



(19) 511+280 (LHS)



(20) 511+280 (RHS)



11. Location 11: Km 512+670

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and with earthen shoulders on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 21 & 22 are ready reference:



(21) 512+670 (LHS)



(22) 512+670 (RHS)



(22) 512+670 (RHS)

12. Location 12: Km 524+250

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and with earthen shoulders on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 23 & 24 are ready reference:



(23) 524+250 (LHS)



(24) 524+250 (RHS)



13. Location 13: Km 528+880

In this location the available ROW is 60 m (LHS-30m & RHS-30m), Main Carriageway with 4-lanes and with earthen shoulders on both sides with 4.5m median width. RWS&S sub division is proposing 500mm, dia casing Pipe crossing in this location. The photographs of the site location are enclosed herewith. The pipe laying Agency should take up the crossings works by HDD method only. Further that it is conform that no culverts and structures are observed in this location.

Photographs Number 25 & 26 are ready reference



(25) 528+880 (LHS)



(26) 528+880 (RHS)



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