



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, कृष्णलंका, 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/ GVSCCL-720.039/2021-22/ 337

February 01, 2022

To

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

Sub: RO - Vijayawada - Permission for crossing the NH-16 with HDD Method near BHVP at Ch. Km. 720.039 road crossing and from Km. 719.339 to Km. 720.039 along the carriage way 700 mtrs in Visakhapatnam District of Andhra Pradesh - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal submitted by M/s. Greater Visakhapatnam Smart City Corporation Limited along NH-16 near BHVP at Ch. Km. 720.039 road crossing and from Km. 719.339 to Km. 720.039 along the carriage way 700 mtrs in Visakhapatnam District of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendations of PD, PIU-Visakhapatnam 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.

Encl: As above

Yours faithfully,

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

Copy to:

(i) PD, PIU - Visakhapatnam

(ii) The Executive Engineer - III, M/s. Greater Visakhapatnam Smart City Corporation Limited, C/o. GVMC, Room No. 306, Tenneti Bhavan, Aslimeeta Junction, Visakhapatnam - 530002 - for information.



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(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

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

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

D.No. 41-29-45A, R.S.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

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

फोन / Tel : 0866-2483910, ई-मेल : rovijayawada@nhai.org, nhairovja@gmail.com वेब : www.nhai.gov.in



Ref: NHAI/RO-VJA/11045/ GVSCCL-720.039/2021-22/ 336

February 01, 2022.

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for crossing the NH-16 with HDD Method near BHVP at Ch. Km. 720.039 road crossing and from Km. 719.339 to Km. 720.039 along the carriage way 700 mtrs in Visakhapatnam District of Andhra Pradesh- Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of M/s. Greater Visakhapatnam Smart City Corporation Limited along NH-16 near BHVP at Ch. Km. 720.039 road crossing and from Km. 719.339 to Km. 720.039 along the carriage way 700 mtrs in Visakhapatnam 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 National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(MINISTRY OF ROAD TRANSPORT & HIGHWAYS)

परियोजना कार्यान्वयन इकाई (जि क्यू), भा.रा.रा.पा. एन्क्लेव, कि.मी.2/8 रा.रा.5.,
Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत
Hanumanthavaka, Visakhapatnam - 530 040, A.P., India



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

दूरभाष / Phone : 0891-2707600

2714119

फाक्स / Fax No. : 0891-2714118

ई-मेल / E-mail : vis@nhai.org

Ref. No.: NHAI/PIU-VSP/Permissions-GVSCCL-720.039/2020-21/ Date : 30.11.2021

To
The Regional Officer,
National Highways Authority of India,
Regional Office, Gurunanak Nagar,
Teachers Colony,
VIJAYAWADA.



Sub: NHAI, PIU, Visakhapatnam - Permission for crossing the NH - 16 with HDD Method near BHVP at Ch.Km.720.039 road crossing and 719.339 to 720.039 along the carriage way 700 mtrs- **Request for issuing NOC-** regarding.

Ref: 1.Lr. No. GVSCCL/Projects/APUIAML/(S&TW)/2017-18, Dt. 09.06.2021.
2.T/o. Lr.No. NHAI/PIU-VSP/GVSCCL/Km.720.039/2021/7935, dated 16.06.2021.
3.Lr. No. MSV-Armange/O&M/NHAI-PIU-VSP/GVSCCL/Crossings/2019-20/350, dated 23.07.2021.
4.T/o Lr. No. NHAI/PIU-VSP/GVSCCL_720.039/83.9, dated 09.08.2021.
5. Lr. No. GVSCCL/Projects/APUIAML/(S&TW)/2017-18, Dt. 01.09.2021.

1. Vide letter 01st cited, M/s. GVSCCL., has submitted proposal with a request to accord Permission for laying of Sewerage Water Pipeline crossing NH-16 by HDD Method near BHVP at Ch.Km.720.039 road crossing and from Km. 719.339 to 720.039 along the carriage way 700 mtrs for a total length of 760mtrs in Visakhapatnam district in the state of Andhra Pradesh.
2. The proposal has been forwarded to the Independent Engineer vide this office letter 02nd cited.
3. The Independent Engineer vide ref 03rd cited has returned the proposal duly intimating certain observations and the same has been forwarded to M/s. GVSCCL. for compliance. Accordingly, vide ref 05 cited the agency has complied to the observations and the same has been submitted.
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 60mts.

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>

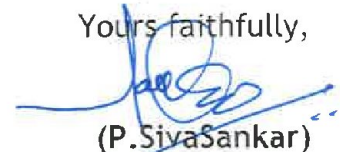
Corporate Office : G-5 & 6, Sector-10, Dwaraka, NEW DELHI - 110 075, Website : <http://www.nhai.org>

- (d) License deed / Lease agreement.
- (e) Undertakings.
- (f) General Power of Attorney.
- (g) Strip plan.
- (h) Detailed description of methodology for crossing of Slurry pipeline and water pipeline along with OFC.
- (i) Detailed description of standard technical specification for laying of underground slurry pipeline and water pipeline along with OFC.
- (j) License fee estimate.
- (k) Cross section of Road crossing drawing.

5. In view of the recommendations by the Consultant, the proposal submitted by M/s GVSCCL, for seeking permission for laying of Sewerage Water Pipeline on NH - 16 with HDD Method near Gajuwaka police station at Ch - Km 720.039 road crossing (60m) and along Km.719.339 to 720.039 (700m) total 760m in Visakhapatnam district in the state of Andhra Pradesh is herewith recommended for communicating the approval of Competent Authority.

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

Yours faithfully,




(P.SivaSankar)
GM(T) & Project Director

Per

CERTIFICATE

- 1 It is certified that the proposal for "Permission for laying of Sewerage Water Pipeline crossing the NH - 16 with HDD Method near BHVP at Ch. Km. 720.039 road crossing (60m) and along Km.719.339 to 720.039 (700m) total length of 760mtrs in Visakhapatnam 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 sufficient ROW is available at site for accommodating proposed six laning.
3. It is certified that there will be no hindrance to proposed six - laning based on the feasibility report considering proposed structures at the said location.
4. It is certified that the details of the proposed permission shall be entered in the Register of Records of the Permission maintained by PIU.


GM (T) & Project Director


Manager (Tech)

LICENCE FEE ESTIMATE

Name of the Work: Crossing of proposed 600mm dia DI pipeline through 1000mm dia MS casing pipe near BHVP, thungalam, Visakhapatnam at National Highway - 16 (KM.720.039) in the state of Andhra Pradesh)

Estimate -A

a. Licence Fee Charges											
S.No	Description	From	To	Nos	Measurements			Quantity	Rate(per Sq.m)	Unit	Amount
					L (M)	B(M)	D				in Rs.
1	BHVP	719339	720039	1	700	1.00	-	700	18538.00	Sqm	12976600
	Crossing	720.039			60	1.00		60	18538.00	Sqm	1112280
			Total		760			14088880			14088880
	Lience fee for (Rs/Sqm/Month)							16684200/10 x 12	=		117407.3333
	Lience fee for 5 Years							5 x 12 x 139035	117407		7044440
The licence fee for public shall be 33% of the prescribed for industrial utilities as per point no. 5 of MORTH guidelines vide letter No. RS/ NH/ 33044/29/2015/S&R(R), Dt. 22.11.2016.											2324665.2
Rounding off											23,24,665
(Rupees Twenty three lakhs twenty four thousand six hundred and sixty five only)											
b. Performace Bank Guarantee Amount Calculation											
	Amount of performance Guarantee to be submitted : Length in Mtr Rs. 250/ mtrs as per point No. 6 MORTH guide line vide letter No. RS/ NH/ 33044/29/2015/S&R(R), Dated. 22.11.2016.							Along the carraige way length 700mtrs	(300mm-1000mm dia 250/-)1.00 dia for crosing	700*250	175000
										crossing 60 mtrs	60*250
(Rupees One lakh ninety thousand only)											1,90,000.00


Manager (T)


GM (T) & Project
Director
Visakhapatnam.



ISO 9001: 2015
Certified Company

MSV INTERNATIONAL INC.

In Association with

**ARMENGE ENGINEERING AND
MANAGEMENT CONSULTANTS PVT. LTD.**

MSV International, Inc.

Project Office

2nd Floor, D. No: 1-55/9, Shipyard Layout

Bindra Nagar, Madhurawada

Visakhapatnam - 530048

Email:

msvarmenge.ranasthalam@gmail.com

CONSULTANCY SERVICES FOR THE IE SERVICES FOR SIX LANE OF RANASTHALAM-ANANDAPURAM OF NH-16 IN THE STATE OF ANDHRA PRADESH

Lr. No. MSV-Armenge/O&M/NHAI-PIU-VSP/GVSCCL/Crossing/2019-20/350

Date: 23.07.2021

To

The Project Director

National Highways Authority of India

PIU, NHAI Enclave

Hanumanthavaka Jn.,

Visakhapatnam – 530 040.



Sub.: NHAI Works- Consultancy Services for supervision of short Term Improvement and routine Maintenance of a) Anandapuram- Visakhapatnam - Anakapalli section from Km 682.980 to 741.256 (length – 58.276 Kms) of NH-16 (NH-5); b) Visakhapatnam Port connectivity Project corridor in the state of Andhra Pradesh - **Report on Request for permission for crossing NH-16 with Horizontal Boring Method at near BHPV @CH.720.039 road crossing (60m) and along NH-16 (700mts) in Visakhapatnam District, Andhra Pradesh - Reg.**

Ref: 1) Your office Lr. No. NHAI/PIU-VSP/GVSCCL/KM.720.039/2021/7935 - Dated: 16.06.2021.

2) Lr. No. GVSCCL/Projects/APUIAML/(S&TW) /2017-18, Dated: 09.06.2021 of the Executive Engineer, GVSCCL.

With reference to the above Subject, The Executive Engineer, Greater Visakhapatnam Smart City Corporation Limited has submitted the proposal for permission for crossing 600mm diameter DI K-9 Sewage Pumping Main Pipeline through 1000mm dia MS 12mm thick casing pipe with HDD Method near BHPV @CH.720.039.

The proposal has been inspected along with GVSCCL officials and submitting the report herewith.

- a) The proposal has been submitted with HDD method.
- b) The ROW details as per available records are 60 mts at Km.720.039
- c) Submitted necessary methodology.
- d) There is no existing structure within 15 meters from the proposed DI K-9 Water Pumping Main Pipeline Crossing i.e. at Km.720.039
- e) The road may be widened to 6 Lanes in future. The agency submitted the undertaking that shifting / extending the pipe line as and when necessary is to be carried out at their own cost.
- f) The check list submitted by the The Executive Engineer, Greater Visakhapatnam Smart City Corporation Limited is duly verified against Ministry Circular No.RW/NH-33044/29/2015/S&R dated: 22.11.2016 for relevant information against each item

Continued on page2

g) GVSCCL has submitted the following documents.

- 1) Proposal letter addressed to PD/NHAI/PIU, Visakhapatnam.
- 2) Checklist.
- 3) Licensed Lease Agreement (Agreement regarding grant of Right of Way permissions for laying utility services on National Highway).
- 4) Undertaking for submission of performance Bank Guarantee.
- 5) Indemnity Bond (Indemnity against all damages and claims as per S.NO.5.6 of Check list).
- 6) Undertaking as per S.No.5 of check list.
- 7) Certificate for Six Laning.
- 8) Typical Profile for road crossing by HDD Method.
- 9) Specification Report.
- 10) Calculations of the License fee statement in line with MoRTH guidelines.
- 11) HDD Methodology for crossing of 600mm dia DI Pipeline through 1000mm dia MS Casing pipe.
- 12) Pipeline Route Map Showing location of Laying.
- 13) Format of maintaining records of Right Of Way permission Granting for laying 600 mm dia DI Pipeline through 1000mm dia MS Casing pipe.
- 14) Plan showing pipeline Crossing on NH-16.

GVSCCL has not submitted the following documents

- 15) Standard Technical specifications for pipeline crossings using HDD (Horizontal Directional Drilling Method).
- 16) In the above mentioned locations other agencies like Jio, Indian Navy, BSNL and other OFC cables are already laid, so how will the agency execute the work without given any hindrance to the earlier executed work.
- 17) In the above mentioned locations Service road and Side drain is available along the proposal length, so how will the agency execute the work without given any hindrance to the work.
- 18) The Existing and Proposed features should be indicated in the Plan, but not shown in the submitted plan. Built up area also not shown in the plan.

Keeping in view of the above we are of the opinion that across permission at this stage may not be accorded to the GVSCCL for crossing 600mm diameter DI K-9 Sewage Pumping Main Pipeline through 1000mm dia MS 12mm thick casing pipe with HDD Method near BHPV @CH.720.039. However, the Competent Authority may take appropriate decision to permit.

This is submitted for your information and necessary action please.

Thanking you,

Yours faithfully,

MSV ARMENGE Engineering and Management Consultants Pvt. Ltd.



Y. Sriram

Highway Maintenance Engineer

Greater Visakhapatnam Smart City Corporation Limited

Registered Office C/o. GVMC, Room No. 306, Tenneti Bhavan, Asilmetta Junction, VISAKHAPATNAM-530002, Andhra Pradesh. India. CIN No. U74900AP2016PLC098495

From,
Executive Engineer-III,
Greater Visakhapatnam
Municipal corporation,
Visakhapatnam.



To,
The Project Director,
PIU(PC)Div,
NHAI,
Visakhapatnam.

Ref No: GVSCCL/Projects /APUIAML/(S&TW)/2017-18, Date. 01-09-2021

Sub: - GVSCCL – Package-2 – Development of Sewerage System in Gajuwaka and Malkapuram area including Construction and Commissioning of WWTP and Supply of Recycled Water to Industries-Permission for crossing the NH-16 with HDD Method near BHVP at Ch –Km 720.039 road Crossing request-Reg.

Ref:

1. LOA NO: GVSCCL/ Projects/APUIAML/(S&TW-II)/2017-18, Dt: 13.02.2019
2. GVSCCL Agreement No. 47/GVSCCL/2018-19 dt: 25.02.2019
3. GVSCCL/Projects / APUIAML/(S&TW)/2017-18,Dt: 09-06-2021.
4. NHAI/PIU-VSP/GVSCCL-720.039/2021/8319,Dt: 09.08.2021.

@@@

With reference to the above subject cited above ref#3 GVSCCL had submitted the proposal for 600mm dia DI K-9 pipeline crossing the National Highway-16 with horizontal boring method at KM: 720.039. Further vide ref#4 cited you good office has raised certain observation on our application.

In continuation of the above, please find enclosed the clarification and compliances to the observations raised by your office.

We hope you will find our submission in order and request you to kindly accord the necessary permission at earliest.

NHAI PIU	VSP
Mgr (T)	✓
Dy. M.O.	
PS (In N)	✓
PA (In N)	
ACU	
SE-1	
SC to:	1) MD&CEO, GVSCCL, C/o GVMC, Visakhapatnam
SI	2) APUIAML, Visakhapatnam.

Yours faithfully,

S. S. S. S.
Executive Engineer PD-III
GVSCCL

B. S. S.
1/9/21

2/19

Permission for crossing the NH-16@KM-720.039-NHAI Observations and Compliance of the same

S. No.	NHAI Observation Dated :18.08.2021	Compliances
1.	Standard Technical Specification for pipeline crossings using HDD (Horizontal Directional Drilling) Method not submitted.	Noted and updated.
2.	The locations under the subject proposal side drains & built-up area is available along the proposal length, so how will the agency execute the work without giving any hindrance to the already existing lines like Jio, Indian Navy, BSNL and other OFC cables to the earlier executed work.	Noted and updated
3.	The Existing and proposed features should be indicated in the Plan, which is not shown in the submitted plan. Built plan area also not shown in the plan.	Noted and updated
4.	Open trench Cross Section drawing not submitted.	Noted and Updated
5.	Methodology of refilling of trench not submitted.	<p>As per Agreement Regarding Granting of Right of Way Permission –clause 16- In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Authority.</p> <ol style="list-style-type: none"> Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods & cobbles, and graded to yield a firm surface without a sudden change in the bearing value. Unsuitable soil & rock edges should be excavated & replaced by selected material. The backfill shall be completed in two stages (i) Side-fill the level of the top of the pipe (ii) Overfill to the bottom of the road crust. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping 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 permitted. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
6.	The checklist needs to be corrected.	Noted and updated
7.	Licensee fee estimate along with Bank Guarantee need to be modified as Specified length mentioned in the proposal.	Noted and updated



National Highways Authority of India
P.O. VISAKHAPATNAM

Sub
18/8/21

Sub
18/8/21

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18/8/21