



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

क्षेत्रीय कार्यालय (उत्तराखण्ड) - मकान नं-58/37, बलबीर रोड, देहरादून- 248001

Regional Office (Uttarakhand) - House No.-58/37, Balbir Road, Dehradun- 248 001

Phone : 0135-2669752 & 62 E-mail : routtarakhand@nhai.org Website : www.nhai.gov.in
50021/NHAI/RO-UKD/2014/ 18 7 79 29/03/2023

Invitation of Public Comments

Sub:- Balance work of four laning of Haridwar- Dehradun section (Pkg-II) From Laltappar (Design Ch.181.100) to Mohakampur (Design Ch.158.900) of NH-72 on Item Rate Basis.

S.H:- Permission sought by M/s Uttarakhand Urban Sector Development Agency for laying of 9"dia HDPE sewer pipeline from Km.158+900 (Mohakampur) to Km.161+719 (Nakronda Police Chauki) section of NH-72 (New NH-7) for total length of 3285.4m in Dehradun District in the State of Uttarakhand-reg.

This proposal is regarding permission sought by M/s Uttarakhand Urban Sector Development Agency for laying of 9" dia. HDPE sewer pipeline from Km.158+900 (Mohakampur) to Km.161+719 (Nakronda Police Chauki) section of NH-72 (New NH-7) for total length of 3285.4m in Dehradun District in the State of Uttarakhand as recommended to this office by PD, PIU-Vasant Vihar vide letter no. NHAI/PIU-VSNT VHR/Retail Outlet/2021/4330 dt. 24.03.2023 (Copy enclosed with enclosures).

2. The location proposed for laying of 9"dia. HDPE sewer pipeline in the aforesaid proposal are tabulated below:

Sl. No.	Chainage in Km.			NH	Length (in m)	Total width of RoW (m)	Offset from edge of RoW	Methodology of laying Pipeline in this stretch
	From	To	Side					
1.	158.900	159.950	LHS	72	1050	45	4m	Open Excavation/Trench
2.	159.950	160.050	RHS	72	100	45	4m	Open Excavation/Trench
3.	160.039	160.342	LHS	72	303.60	45	4m	Open Excavation/Trench
4.	160.342	161.577	RHS	72	1224.70	45	4m	Open Excavation/Trench
5.	161.203	161.577	LHS	72	374.30	45	4m	Open Excavation/Trench
6.	161.577	161.719	LHS	72	142.80	45	4m	Open Excavation/Trench
7.	160.039		Across	72	2180	45	Across the highway	Trenchless method (manual jack pushing)
8.	161.577		Across	72	300	45	Across the highway	Trenchless method (manual jack pushing)
	Total length				3285.4m			

3. As per MoRTH Guidelines no. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administrator will put out utility laying application in the public domain for 30 days for seeking public comments/claims/objections (on the ground of public inconvenience, safety and general public interest).

In view of above, comments/objections of the public on the above proposal is invited to the below mentioned address, which should reach to this office within 30 days from the date of uploading beyond which no comments shall be entertained.

The Regional Officer,
Regional Office-Uttarakhand
National Highways Authority of India
(Ministry of Road, Transport & Highways)
House No.-58/37, Balbir Road, Dehradun-248001

Yours faithfully,

(C.K Sinha)

CGM (Tech.) cum RO-Uttarakhand

Encl: As above

Copy to:

- 1) Web Admin-NHAI HQ, New Delhi:- with request for uploading on the NHAI website.
- 2) Senior Technical Director, NIC :- with request for uploading on the Ministry's Website.
- 3) PD, PIU-Vasant Vihar- for information & suitable necessary action



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

परियोजना कार्यान्वयन ईकाई-वसन्त विहार। **Project Implementation Unit-Vasant Vihar**

मकान सं० 171, फेज-1, वसन्त विहार, देहरादून - 248006 House no.171, Phase-I, Vasant Vihar, Dehradun - 248006

दूरभाष/Phone: 0135-2760001 ई-मेल/E-mail: piuvasantvihar@nhai.org वेब/Web: www.nhai.gov.in

NHAI/PIU-VSNT VHR/Retail Outlet/2021/ 4330

Dated.24.03.2023

सेवा में,

क्षेत्रीय अधिकारी-उत्तराखण्ड,
भा0रा0रा0प्रा0, क्षेत्रीय कार्यालय,
58/37, बलबीररोड, देहरादून।

Sub: NOC proposal for Laying of 9" dia HDPE sewer pipeline from Km.158.900 (Mohakampur) to Km.161.719 (Nakronda Police Chauki) on NH-07 for total length of 3285.4 meters in Dehradun District in the state of Uttarakhand.

Ref:

- (i) Contractor M/s ATLAS-NKC(JV) office letter no.ATLAS-NKC/PD-HD/2023-813 dated 17.03.2023.
- (ii) UUSDA Dehradun office letter no.WW-DDN-02/130 dated 04.03.2023.
- (iii) This office letter no.4213 dated 03.03.2023.
- (iv) RO-Uttarakhand, NHAI, Dehradun letter no.31023/NHAI/RO-UKD/2014/18609 dated 28.02.2023.
- (v) UUSDA (GoU) Dehradun NOC portal proposal no.20220916/1/9/17114/1472.

Sir,

Kindly refer to proposal as mentioned above in reference (v) vide which, proposal was submitted to this office for granting permission for Laying of 9" dia HDPE sewer pipeline from Km.158.900 (Mohakampur) to Km.161.719 (Nakronda Police Chauki) on NH-07 for total length of 3285.4 meters in Dehradun District in the state of Uttarakhand.

2. In this regard, please refer to the observation letter from Regional Officer, Uttarakhand dated 28.02.2023 vide which Competent Authority has raised certain observations regarding the subject proposal. Accordingly, the same was forwarded to applicant & subsequently, applicant vide letter dt.04.03.2023 has re-submitted the duly revised proposal. The point wise compliances submitted by applicant are as under-

- i. All drawings, documents, mentioned in check list are uploaded on portal and herewith are enclosed with proposal.
- ii. In this regards, Calculation of License fees & performance security has been revised with considering outer dia of manhole. The revised License fees is Rs.30,18,198.00 (Rupees Thirty Lakh Eighteen Thousand One Hundred & Ninty-Eight only), the same is herewith enclosed with proposal.
- iii. The site inspection report with proposed methodology is enclosed with proposal.

3. Further, the said proposal has been got examined through the assigned Contractor, M/s Atlas-NKC (JV) for all aspects in totality i.e. site conditions and drawings in commensurate to ministry guideline dated 22.11.2016. In this regard, Contractor vide letter dated 17.03.2023 has submitted that as the sewer line proposed in Service Road hence the service road might get damaged and during defect liability period, the Contractor is not responsible for the damage may occur during laying of Sewer Pipeline. However, the applicant shall make the necessary rectification at concerned location at their own cost as per standard specific of MoRTH/IRC under supervision of Supervision Consultant.

In view of above, the subject proposal is herewith recommended for seeking approval from Highway Administration for laying remaining steel pipeline through open trench method in accordance with the Ministry's guidelines.

स-धन्यवाद।

संलग्नक :-उपरोक्तानुसार।

भवदीय

(पंकज कुमार मौरी)

महाप्रबन्धक (तक0) सह परियोजना निदेशक
पी0आई0यू0-वसन्त विहार (देहरादून)।



ATLAS CONSTRUCTIONS PVT. LTD.



Ref.No. ATLAS-NKC/PD-HD/2023-813

Dated: 17.03.2023

To,
The Project Director,
PIU-Vasant Vihar,
National Highway Authority of India
House No. 171, Phase-I,
In Front of Forest Research Institute on NH-71 (Dehradun)

Subject: Balance Work of 4-laning of Haridwar- Dehradun Section from Km. 211.000 to Km.218.200 of NH-58 and Km.165.000 to Km. 196.825 of NH-72 in the State of Uttarakhand under NHDP Phase-III - Package-2 from Laltappar design Ch. 181+100 to Mohakampur design Ch.158+900 of NH-72.
- **Reg. Laying of Sewer Line from Km 158+900 to 161+719**

Ref.: Your office letter No. NHAI/PIU-VSNT VHR/Retail Outlet/2021/4221 Dated 06-03-2023 received on 15-03-2023 via post

Dear Sir,

With reference to your letter NHAI/PIU-VSNT VHR/Retail Outlet/2021/4221 Dated 06-03-2023 received on 15-03-2023 via post in our office. The proposal for laying of 9-inch Sewer Pipeline from Km 158+900 to Km 161+719 has been reviewed and it is observed that the proposal of sewer line will be constructed between Service Lane & Drain and it will damage the existing service road, as our defect liability period is still ongoing, it is brought to your kind notice that the above work including restoration work will damage the Service Road and we shall not be responsible for maintaining the damaged section after restoration work.

Thanking you and assuring of our best co-operation at all time.
For Atlas - NKC JV

(S.K. Giri)
Authorized Signatory.

C.C.To :- the following for information Please :-

1. The Engineer, C.P.C. Pvt Ltd, Ghaziabad.
2. Project Manager, UUSDA (GoU), Dehradun.
3. Authorised Signatory, M/s Hindustan Construction Ltd. Haridwar.
4. Team Leader, MSV International Inc. with Mspark Futuristics & Associates, Haridwar.

ATLAS-NKC JV

Corp. Off.: 102, Sector - 15, Faridabad, 121007 (India)
Phone: + 91 129 - 2299112 | 4109670 Email: atlas.infra@gmail.com



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

क्षेत्रीय कार्यालय (उत्तराखण्ड) - मकान नं.-58/37, बलबीर रोड, देहरादून- 248001

Regional Office (Uttarakhand) - House No.-58/37, Balbir Road, Dehradun- 248 001

Phone : 0135-2669752 & 62 E-mail : routtarakhand@nhai.org Website : www.nhai.gov.in

No. 223/NHAI/RO-UKD/2014/18609



February, 28, 2023

To,

The Project Director,
PIU-Vasant Vihar,
National Highways Authority of India,
House no. 171, Phase-I, Vasant Vihar
Dehradun, Uttarakhand-248006.

Sub:- Proposal of M/s Uttarakhand Urban Sector Development Agency for laying of 225mm dia sewer Pipeline in b/w Ch.158+900 to Ch. 161+719 of NH-72 (New NH-07)-reg.

Ref: (i) Application no. 20220916/1/9/17114/1472 submitted on MoRTH Portal
(ii) MoRTH Policy Guidelines no. RW/NH-33044/29/2015/S&R@ dt. 22.11.2016 & amendment dt. 15.01.2021 & 29.07.2022.

Dear Sir,

Kindly refer to above application as submitted on MoRTH portal seeking permission for laying of underground sewer pipeline in b/w Ch.158+900 to Ch. 161+719 of NH-72 (New NH-07). In this regard, it is to mention that this application was forwarded to you on 20.12.2022 with the request to examine/review the subject proposal & furnish the comments as per extant Ministry Guidelines with recommendation through self-contained letter for onwards action, however, it is found that the said application has been submitted back on 02.02.2023 by your office only with investigation details without any self-contained letter. In view of this, you are hereby again requested to examine/verify the proposal as per checklist & MoRTH guidelines (ref 2) & thereby to furnish the remarks/comments with clear cut recommendation to proceed further in this matter.

2. While recommending the proposal, incorporation of following may kindly be ensured by PIU:
(i) The following basic details in r/o the subjected proposal for laying of sewer pipelines may kindly be submitted

Sl. No.	From NH Km.	To NH Km.	Total Width of ROW (m) LHS/RHS	Proposed laying of pipeline			Offset from edge of ROW		Methodology of Laying of pipeline in this portion	Remarks /Comments of PIU w.r.t proposed laying in line with extant Ministry guidelines
				From	To	Side	Center line of highway	Extreme edge of ROW		
1.										

- (ii) Checklist, drawings i/c layout plan, manhole plan & section, cross sections need to be signed duly verifying the details, documents, data etc. mentioned in the checklist.
- (iii) Calculation for license fee & performance security furnished by utility agency to be verified in line with guidelines & the calculations also need to be signed. It may also be ensured that base slab outer dia that is effectively covered/utilized the NH land will be used for calculation.
- (iv) An Inspection report reviewing/examining the prevailing site conditions to assess the suitability of submitted proposal of user agency along with proposed methodology w.r.t extant Ministry guidelines.

cmf

(Continuation sheet to letter no. 31023/NHAI/RO-UKD/2014/ 18609 dt. 28.02.2023)
::2::

- (v) Besides, in case if any alteration/modification to existing highway facilities are proposed which is affecting/likely to be affected the obligations of Contractor (if any) during the defect liability period, then for such circumstances, the consent/comment of the said Contractor to said proposed modification along with methodology proposed for restoration may kindly be obtained to avoid any future litigation.

Thanking You.

Yours faithfully,

C. K. Sinha
28/02/2023

(C. K. Sinha)

CGM cum R.O.-Uttarakhand



Office of the Project Manager
Project Implementation Unit-Dehradun
Uttarakhand Urban Sector Development Agency
Government of Uttarakhand



777, Saatvik Tower, Kaulagarh Road, Rajender Nagar, Dehradun
Telephone +91-135-2751671, Email: piu1ddn.uusdip@gmail.com

Ref: WW-DDN-02/ 130

Dated: 04.03.2023

To,

Project Director,
PIU, VasantVihar,
NHAI, Dehradun.

Sub: Regarding NOC proposal for RoW Permission for Laying of Sewer Pipeline from Mohkampur Flyover to Nakraunda Police Chowki along NH-07 Under ADB Asisted Project in Dehradun.

Ref:

- i) NHAI/PIU-VSNT VHR/Retail Outlet/2021/3067 dated 05.09.2022
- ii) NHAI/PIU-VSNT VHR/Retail Outlet/2021/4213 dated 03.03.2023
- iii) UUSDA (GOU), Dehradun letter no 343 dt.18.08.2022
- iv) UUSDA (GOU), Dehradun letter no 181/WW-DDN-02 dt.09.06.2022
- v) UUSDA (GOU), Dehradun letter no 468/WW-DDN-02 dt.10.10.2022

Dear Sir,

Please refer the proposal of laying of sewer pipeline from Mohkampur to Nakraunda Police Chowki on NH-07 for a total length of 3285.4 metres in Dehradun submitted to your office vide letter no 181/WW-DDN-02 dt.09.06.2022 & 343 dt.18.08.2022, which was earlier examined by your office and the following observations were forwarded to this of vide letter no NHAI/PIU-VSNT VHR/Retail Outlet/2021/4213 dated 03.03.23. In compliance of your observation, the proposal was processed through portal (<https://morthnoc.nic.in>) on dated 20.08.2022. Your observations were forwarded on 03.03.23 and complaince of the observation are as follows:-

S. no	Observations	Compliance
1.	Check list, drawing i/c layout plan, manhole plan, section and all related documents needs to be signed duly verifying the details, mentioned in checklist	All drawings, documents, mentioned in check list are uploaded on portal and herewith attached for your kind information and taking necessary action, please.
2	Calculation of License fees & performance security furnished with considering outer dia of manhole slab.	In this regards, Calculation of License fees & performance security has been revised with considering outer dia of manhole. The revised License fees is Rs. 30,18,198.00, also rate calculation is herewith attached for your kind information and taking necessary action, please.
3	Regarding proposed methodology of sewer line laying	Laying of Sewer pipe line (material HDPE/DI/MS Pipeline) along NH-72 will be laid by open cut conventional method/manual and by manual jack pushing/HDD (Trench less method) in NH crossing. The detail of methodology of sewer laying is herewith attached for your kind information and taking necessary action, please.

In context to the above, you are humbly requested to consider our submission in larger public interest and take the necessary action to grant permission for the laying of sewer pipeline on NH-07.

Regards

Encl: As above.

(Vipin Tiwari)
Project Manager


Copy to:-

1. Program Director, UUSDA, Dehradun for information please.
2. Sh. Sanjeev Kumar, Assistant Engineer, PIU, Dehradun for necessary action.
3. Team Leader, DSC, UUSDA, Dehradun for necessary action for necessary action.

Project Manager

(A) Rate Calculation for Sewer Pipe Line

Sl. No.	Location	Start Chainage	End Chainage	Length (Mtr)	Width (Mtr)	Area (Sq Mtr)	Dehradun Distt. Circle rates per Sq. Mtr (effective from 13.01.2022)	Amount (INR)
1	Mohakampur flyover to Dulhani river Culvet (Left Side)	158.900	159.950	1050.00	0.225	236.25	Rs. 18000.00	Rs. 42,52,500.00
2	Near Dulhani River	159.950	160.050	100.00	1.00	100.00	Rs. 18000.00	Rs. 18,00,000.00
3	Dulhani river Culvet to Minyawala Chauk (MH-3086 to MH-3049) (Left Side)	160.039	160.342	303.60	0.225	68.33	Rs. 18000.00	Rs. 12,29,958.00
4	Minyawala Chauk to Nakronda Crossing (MH-3567 to MH-3644) (Right Side)	160.342	161.577	1224.70	0.225	275.55	Rs. 18000.00	Rs. 49,60,035.00
5	Harrawala Station Road to Nakronda Crossing (MH-3652 to MH-3674) (Left Side)	161.203	161.577	374.30	0.225	84.21	Rs. 18000.00	Rs. 15,15,915.00
6	Nakronda Crossing to Nakronda Police Chauki (MH-36742 to MH-3666) (Left Side)	161.577	161.719	142.80	0.225	32.13	Rs. 18000.00	Rs. 5,78,340.00
7	NH Crossing at Dulhani Culvet (MH-3086 to 3087)	160.039	160.039	45.00	1.00	45.00	Rs. 18000.00	Rs. 8,10,000.00
8	NH Crossing at Nakronda Crossing (MH-3566 to 3674)	161.577	161.577	45.00	1.00	45.00	Rs. 18000.00	Rs. 8,10,000.00
				3285.4			Total (A)	Rs. 1,59,56,748.00
License fee (Rs/sqm/per month) = Total (A)/(10*12)								Rs. 132972.90
License fee for 05 years = (license fee (Rs/sqm/per month)) *5*12								Rs. 79,78,374.00
	For Public utility 33% of Industrial utilities as per circular No. RW/NH-33044/29/2015/S&R(R) Dated 22/11/2016							Rs. 26,32,863.42
	Say							Rs. 26,32,863.00


VIPIN TIWARI
 Project Manager (PMU)
 PIU, Dehradun
 UUSDA

(A) Rate Calculation for Sewer Manhole

RCC Manhole proposed on NH-7 of 1300 mm outer dia – 56 nos., 1600 mm outer dia – 8nos. and 1900 mm outer dia – 23 nos.

Calculation for area of manhole

- (i) Area of 1300 mm outer dia manhole = $3.14/4 \times 1.3 \times 1.3$
= 0.785×1.69
= 1.32 m^2

Area of 225 mm dia pipe which already consider in BG pipe laying calculation
= 0.225×1.3
= 0.292 m^2

Net Area of 900 mm dia manhole A1 = $(1.32 - 0.292) \times \text{No. of manhole}$
= 1.02×56
A1 = 57.54 m^2

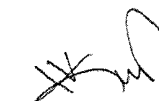
- (ii) Similarly net area of 1600 mm outer dia manhole A2
= $(0.785 \times 1.6 \times 1.6 - 0.292) \times \text{No. of manhole}$
= 1.71×08
A2 = 13.74 m^2

- (iii) Net Area of 1900 mm outer dia manhole A3
= $(0.785 \times 1.9 \times 1.9 - 0.292) \times \text{No. of manhole}$
= 2.54×23
A3 = 58.46 m^2

Total Area of manholes
= A1 + A2 + A3
= 129.74 m^2

Calculation of Rate for Manhole

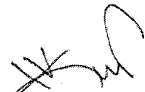
Sl. No.	Location	Start Chainage	End Chainage	Area (Sq Mtr)	Dehradun Distt. Circle rates per Sq. Mtr (effective from 13.01.2022)	Amount (INR)
1	Manholes from Mohkampur Flyover to Nakraunda Police Chowki (Left and Right side)	158.900	161.719	129.74	Rs. 18000.00	Rs23,35,366.00
License fee (Rs/sqm/per month) = Total (A)/(10*12)						Rs. 19,461.38
License fee for 05 years = (license fee (Rs/sqm/per month)) *5*12						Rs. 11,67,683.00
For Public utility 33% of Industrial utilities as per circular No. RW/NH-33044/29/2015/S&R(R) Dated 22/11/2016 Say						Rs3,85,335.39 Rs. 3,85,335.00


VIPIN TIWARI
Project Manager (PMU)
PIU, Dehradun
UUSDA

Name of Work: Laying of sewer pipe line from Mohakampur (KM-158.900) to Nakronda Police Chauki (KM161.719) on NH-07 (Dehradun Rishikesh Highway) for total length of 3285.4 Meter in Dehradun District in the state of Uttarakhand.	
Name of the Company applied for permission	UTTARAKHAND URBAN SECTOR DEVELOPMENT AGENCY (UUSDA) GOVERNMENT OF UTTARAKHAND (The work will be executed under supervision of Project Manager, UUSDA, Dehradun)

Abstract of Rate Calculation as per Circular no. RW/NH-33044/29/2015/S&R(R) Dated 22/11/2016

Sl. No.	Description	Amount (INR)
A	Rate for sewer pipe line	Rs. 26,32,863.00
B	Rate for sewer manhole	Rs. 3,85,335.00
	Total Amount	Rs. 30,18,198.00



 VIPIN TIWARI
 Project Manager (PMU)
 PIU, Dehradun
 UUSDA

1)	Name of Work: Laying of sewer pipe line from Mohakampur (KM-158.900) to Nakronda Police Chauki (KM161.719) on NH-07 (Dehradun Rishikesh Highway) for total length of 3285.4 Meter in Dehradun District in the state of Uttarakhand.	
Name of the Company applied for permission		UTTARAKHAND URBAN SECTOR DEVELOPMENT AGENCY (UUSDA) GOVERNMENT OF UTTARAKHAND (The work will be executed under supervision of Project Manager, UUSDA, Dehradun)


The details of stretches where utility is proposed to be laid (along / across) with the ROW details, as per follows:

Sl. No.	From (Km.)	To (Km)	LHS (M)	RHS (M)	Total width of ROW (M)	Length (M)	Proposed Laying of Pipeline			Offset from edge of Row	Methodology of laying OFC in this portion	Remarks
							From (Km)	To (Km)	Side			
1	158.900	159.950	1050 m	-	45 m	1050 m	158.900	159.950	LHS	4.0 m	Open Excavation method	ALONG
2	159.950	160.050		100 m	45 m	100 m	159.950	160.050	RHS	4.0 m	Open Excavation method	ALONG
3	160.039	160.342	303.60 m	-	45 m	303.60 m	160.039	160.342	LHS	4.0 m	Open Excavation method	ALONG
4	160.342	161.577		1224.70 m	45 m	1224.70 m	160.342	161.577	RHS	4.0 m	Open Excavation method	ALONG

10 A


VIPIN TIWARI
 Project Manager (PMU)
 PIU, Dehradun
 UUSDA

5	161.203	161.577	374.30 m	-	45 m	374.30 m	161.203	161.577	LHS	4.0 m	Open Excavation method	ALONG
6	161.577	161.719	142.80 m	-	45 m	142.80 m	161.577	161.719	LHS	4.0 m	Open Excavation method	ALONG
7	160.039		45 m (Center)		45 m		45 m (Center)				Trenchless method (manual jack pushing)	Crossing
8	161.577		45 m (Center)		45 m		45 m (Center)				Trenchless method (manual jack pushing)	Crossing
					Total	3285.4 m						


VIPIN TIWARI
 Project Manager (PMU)
 PIU, Dehradun
 UUSDA

Methodology of Open cut Trench and Trenchless (manual jack pushing method)

Sewer pipe line (material HDPE/DI) along NH-7 will be laid by open cut conventional method/manual and by manual jack pushing/HDD (Trench less method). The dimension of the trench in open cut method will be 400mm+dia of pipe in width and depth of trench depend upon the invert lable of sewer line as per attached section diagram. The manholes of sewer line will be constructed as 900 mm dia upto depth 1.67 meter, 1220 mm dia up to depth of 2.21 meter and 1500 mm dia beyond 2.21 meter. All manholes will be constructed RCC. Distance of manholes are shown in attached Road Plan. NH crossing will be done by trenchless method (manual jack pushing method). In manual jack pushing method, firstly MS casing pipe pushed/laid from the entry pit to exit pit and than laid the carrier pipe in to casing pipe. The Pipeline laying work will be carried out in phased manner in such a way that the no hindrance may occur in traffic movement. The trench will be reinstated to its original surface.

The proposed pipeline would be safely laid in the proposed alignment by the open cut method and trenchless method (NH crossing) at a depth of 1.1 Meter to 4 Meter, without interfering the other under-ground utilities.

Trench filling method:

As a measure of abundant precaution against future settlement and other ailed problems, only selected granular material will be used in filling reinstatement of trench. The entire depth of cutting will be filled either with coarse sand or the excavated material.

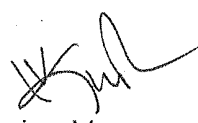
All crossing on the route will be done by trenchless manual jack pushing method.

HEALTH SAFETY AND ENVIORMENT

- 1) All persons will wear and maintain PPE for this activity.
- 2) Only trained persons will be deployed for the work.
- 3) All the Measuring and test equipments will be maintained.
- 4) A complete First Aid Kit will be available at site.
- 5) Safety barrier/barricating shall be erected to prevent any damage or accident.

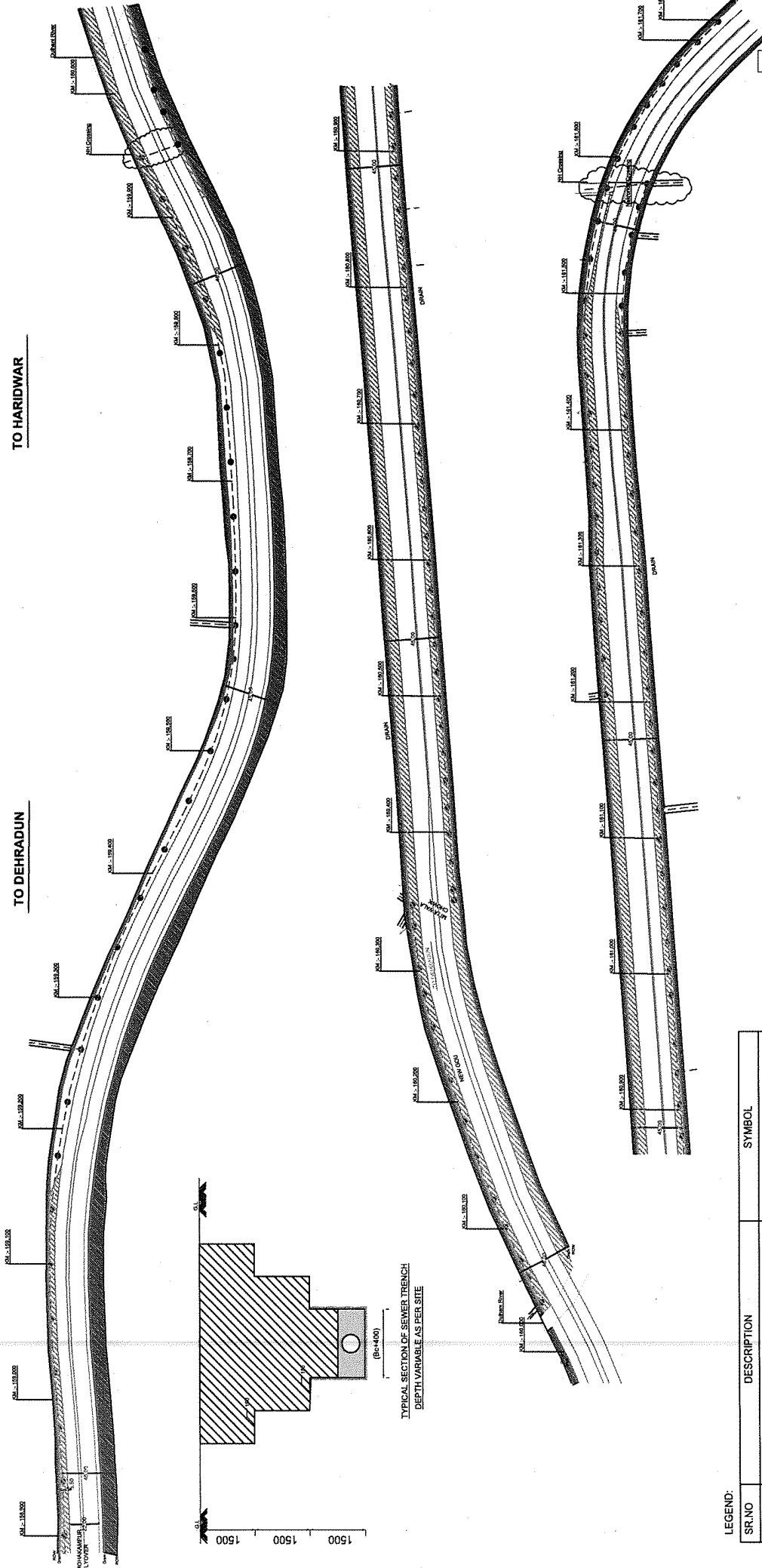
Place : Dehradun

Date :


 Project Manager,
 Dehradun.
VIPIN TIWARI
 Project Manager (PMU)
 PIU, Dehradun
 UUSDA

TO HARIDWAR

TO DEHRADUN



LEGEND:

SR.NO	DESCRIPTION	SYMBOL
1	PROPOSED SEWER PIPE LINE	---
2	Carriage Way	----
3	Service Lane	=====
4	Drain	~~~~~
5	Utility Corridor	
6	ROW	=====
7	Manhole	⊙

Sl. No.	Details of Proposed Sewer Pipe Line	Qty.	Remarks
1	Total Length of Pipe (Chk. RM 138.000 to RM 142.000)	3295.4 mtr	In 10% Contingency, 10% Variation
2	Length of Sewer Pipe Line in Service Lane (L.S. 138.000 to L.S. 140.000)	999.0 mtr	10% Variation, 10% Contingency
3	Length of Sewer Pipe Line in Service Lane (Right Side)	1233.3 mtr	10% Variation, 10% Contingency
4	Average Width of Drain & ROW	1.5 mtr to 2.0 mtr	10% Variation, 10% Contingency
5	Distance Between Proposed Sewer Line & ROW	3.0 mtr to 4.0 mtr	10% Variation, 10% Contingency
6	Width of Road	45.00 mtr	

VIPIN TIWARI
Project Manager (PMU)
PIU, Dehradun
UUSDA

APPROVED BY	RECOMMENDED BY	DATE	PROJECT NO.	DATE
CONTRACTOR		DSC	UUSDA	
GOOD FOR CONSTRUCTION				
CONSULTING ENGINEERS (LIMITED)				
UTTARAKHAND INTEGRATED & RESILIENT URBAN DEVELOPMENT PROJECT				
UTTARAKHAND URBAN SECTOR DEVELOPMENT AGENCY (UUSDA)				
CLIENT				
M/S DDA-BPL JINT VENTURE				
TITLE: LINE DIAGRAM OF SEWER PIPE LAYING				
ALONG RM-1				
SHEET 1				

NOTE:-

1. ALL DIMENSIONS ARE IN MM.
2. 'D' DEPTH FROM GROUND LEVEL TO LOWEST SEWER INVERT LEVEL IN MANHOLE.
3. 250MM THICKNESS OF CONCRETE CAN BE VARIED TO FLUSH MANHOLE LEVEL IN MANHOLE COVER & FRAME WITH ROAD SURFACE.
4. SFRC MANHOLE FRAME & COVER OF EXTRA HEAVY DUTY AS PER IS 12592.
5. THE BENCHING AT THE SIDE OF THE CHANNEL SHALL BE AT LEAST 50MM ABOVE THE CROWN OF THE PIPE AND THEN RISE WITH A SLOPE OF 1 IN 12 TOWARDS THE SIDE OF THE MANHOLE & FINISHED BY NEAT CEMENT.
6. FOOT REST, PLASTIC ENCAPSULATED AS PER IS :10910 ON 12MM DIA STEEL BAR CONFORMING TO IS :1789
7. REINFORCEMENT STEEL SHALL BE GRADE FE 500D.

APPROVED BY

VIPIN TIWARI
Project Manager (Civil)
Uttarakhand
UUSDA

CONTRACTOR DSC CLIENT

R1	26-05-22	SUBMITTED FOR APPROVAL	HHP	RW	MGP
R0	16-03-22	SUBMITTED FOR APPROVAL	HHP	RW	MGP
REV/NO.	DATE	SUBMISSION	DRWN	CHKD	APPRVD

CLIENT:-
Uttarakhand Urban Sector
Development Agency (UUSDA)

CONSULTANT:-
TATA CONSULTING ENGINEERS LTD.
IN JV WITH ARIANA ENGINEERING & CONSULTANTS PVT. LTD.

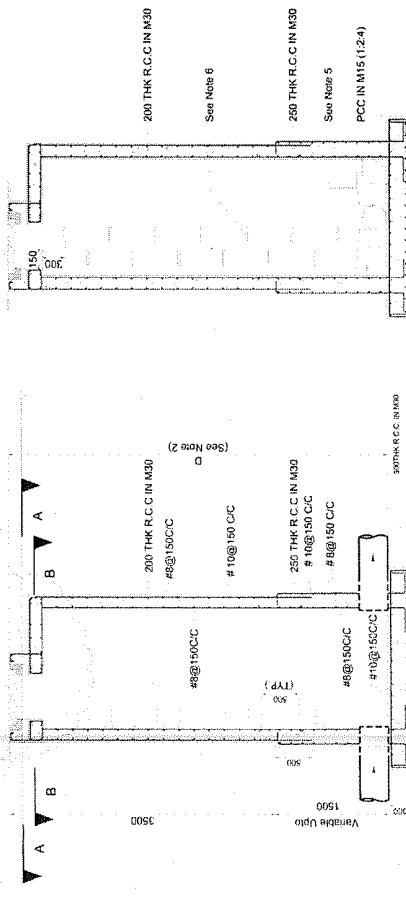
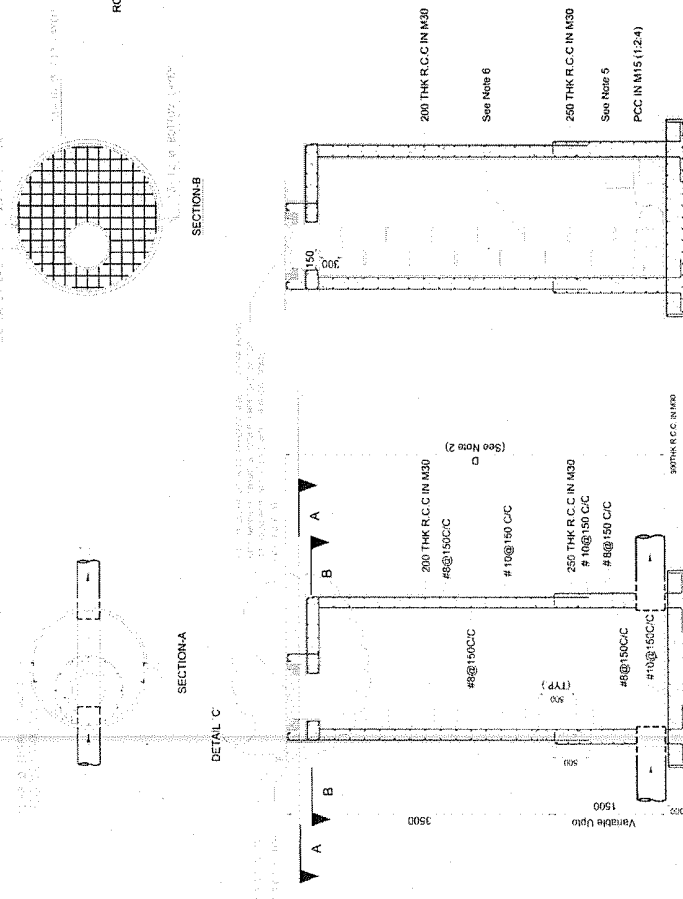
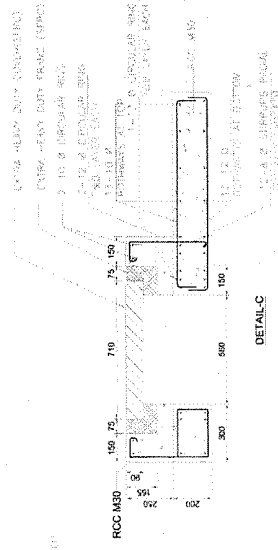
CONTRACTOR :-
M/S DRA-BIPL JOINT VENTURE

PROJECT:-
DEVELOPMENT OF SEWERAGE SYSTEM INVOLVING
STP, TRUNK SEWER & ALLIED WORKS INCLUDING 5
YEARS OPERATION & MAINTENANCE AT RAIPUR,
DEHRADUN, IN UTTARAKHAND

DRAWING TITLE :-
GENERAL ARRANGEMENT FOR R.C.C. MANHOLE
TYPE-C FOR RAIPUR, DEHRADUN TOWN
(SUB-ZONE BA & BB)

DRAWING No. BIP/UUSDA/RAIN/WORK/RC/CA/TYPE-C/001 SHEET NO. 01


SCALE :
SHEET SIZE :
SCALE :
REV. :
NO. :



SECTION-D

SECTION-C

1. ALL DIMENSIONS ARE IN MM.
2. 'D' DEPTH FROM GROUND LEVEL TO LOWEST SEWER INVERT LEVEL IN MANHOLE.
3. 250MM THICKNESS OF CONCRETE CAN BE VARIED TO FLUSH MANHOLE LEVEL IN MANHOLE COVER & FRAME WITH ROAD SURFACE.
4. SFRCC MANHOLE FRAME & COVER OF EXTRA HEAVY DUTY AS PER IS 12592.
5. THE BENCHING AT THE SIDE OF THE CHANNEL SHALL BE AT LEAST 50MM ABOVE THE CROWN OF THE PIPE AND THEN RISE WITH A SLOPE OF 1 IN 12 TOWARDS THE SIDE OF THE MANHOLE & FINISHED BY NEAT CEMENT.
6. FOOT REST, PLASTIC ENCAPSULATED AS PER IS :10910 ON 12MM DIA STEEL BAR CONFORMING TO IS :1789
7. REINFORCEMENT STEEL SHALL BE GRADE FE 500SD.


VIPIN TIWARI
Project Manager (PMU)
PIU, Dehradun
LUISDA

CLIENT:- Uttarakhnad Urban Sector Development Agency (IUSDA)

CONTRACTOR :- M/S DRA-BIPL JOINT VENTURE

DRAWING TITLE :-
GENERAL ARRANGEMENT
TYPE-B FOR
(S)

DRAWING No. BIPL/UUSDA/RA/NETWORK/RCC/MH/TYPE-B/001



SEE NOTE 5

PCC IN MIS

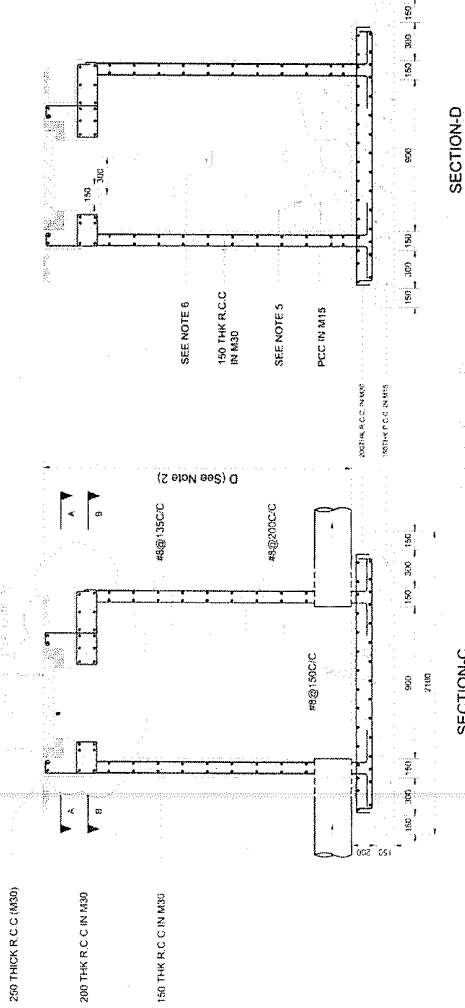
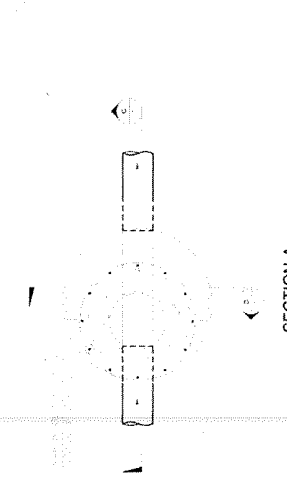
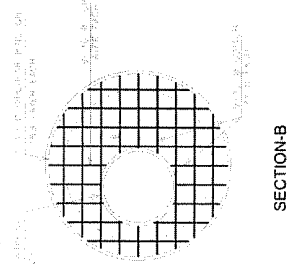
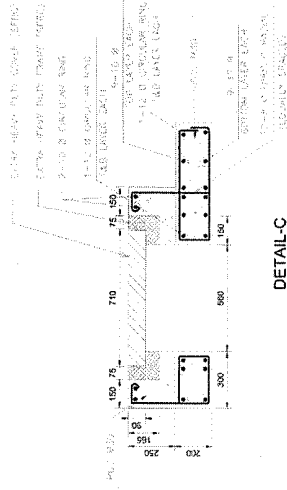
NOTE:-

1. ALL DIMENSIONS ARE IN MM.
2. 'D' DEPTH FROM GROUND LEVEL TO LOWEST SEWER INVERT LEVEL IN MANHOLE.
3. 250MM THICKNESS OF CONCRETE CAN BE VARIED TO FLUSH MANHOLE LEVEL IN MANHOLE COVER & FRAME WITH ROAD SURFACE.
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6. FOOT REST, PLASTIC ENCAPSULATED AS PER IS:10910 ON 12MM DIA STEEL BAR CONFORMING TO IS :1789
7. REINFORCEMENT STEEL SHALL BE GRADE FE 500D.

APPROVED BY

VIPIN TIWARI
Project Manager (RCC)
RAIPUR DEHRADUN
UUSDA

CONTRACTOR		DSC		CLIENT		
R1	26-05-22	SUBMITTED FOR APPROVAL		HHP	RW	MGP
R0	16-03-22	SUBMITTED FOR APPROVAL		HHP	RW	MGP
REV/No.	DATE	SUBMISSION		DRWN	CHKD	APPRVD
Uttarakhand Urban Sector Development Agency (UUSDA)						
CLIENT:- TATA CONSULTING ENGINEERS LTD. IN JV WITH ATRIUM INFRASTRUCTURE INDIA PVT. LTD.						
CONTRACTOR :- M/S DRA-BIPL JOINT VENTURE						
PROJECT:- DEVELOPMENT OF SEWERAGE SYSTEM INVOLVING STP, TRUNK SEWER & ALLIED WORKS INCLUDING 5 YEARS OPERATION & MAINTENANCE AT RAIPUR, DEHRADUN, IN UTTARAKHAND						
DRAWING TITLE :- GENERAL ARRANGEMENT FOR R.C.C. MANHOLE TYPE-A FOR RAIPUR, DEHRADUN TOWN (SUB-ZONE BA & 8B)						
				SCALE	SHEET NO.	REV
				AS PER SCALE	AJ	NEW
DRAWING No. BIPLUUSDA/RAIN/NETWORK/RCC/MHTYPE-A/001						



250 THICK R.C.C. (M30)
200 THK R.C.C. IN M30
150 THK R.C.C. IN M30

Application Details [20220916/1/9/17114/1472]

Highway	NH7 [NH44]
Name of Highway Authority	
Highway Administration Address	
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	Uttarakhand Urban Sector Development Agency Address: Office of Project Manager PIU UUSDA Govt of Uttarakhand 777 Saatvik Tower Kaulagarh Road Rajendra Nagar Dehradun, DEHRADUN (UTTARAKHAND), PIN: 248001 Phn: 9870749852 Email: sanjeev.peyjal@gmail.com
Application Category	Public Utility
Utility	Sewage
State	UTTARAKHAND
Type	New
Remarks	NOC for Sewer pipe laying along NH7 in Dehradun Uttarakhand
Submitted On	07 Nov 2022 14:10:01



SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun



SE-III
PIU-UU

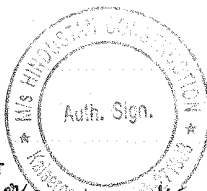
Retail Sewer Pipeline

SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun

Details

1. Length in Meters *	3285.40
2. Width of available ROW	
I. Left side from center line towards increasing chainage OR km direction *	22.50
II. Right side from center line towards increasing chainage OR km direction *	22.50
3. Proposal to lay the utility	
I. Left side from center line towards increasing chainage OR km direction *	1870.7
II. Right side from center line towards increasing chainage OR km direction *	1324.70
4. Proposal to acquire the land	
I. Left side from center line *	N/A
II. Right side from center line *	N/A
5. Whether proposal is in the same side where land is not to be acquired *	Yes
If not then where to lay the cable *	N/A
6. Details of already laid services if any along the proposed route *	OFC Cables water Pipe line electric line
7. Number of Existing lanes *	4 Lane
8. Proposed number of lanes *	4 Lane
9. Service road Exists *	Yes

SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UDSA, Dehradun



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10. Proposed Service road

Left side from center line

N/A

Right side from center line

N/A

11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *

N/A

12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *

No

13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *

Encased in pipes

14. Whether the existing drainage structures are allowed to carry utility pipeline. *

NA

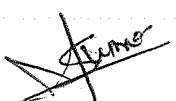
15. Is it on a line normal to NH? *

Yes


III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *

70.00

50


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Assistant Engineer (E/M)
PIU-UUSDA, Dehradun




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SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun

IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. *

Steel

V. Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path *

Sealed with concrete

VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *

Yes

VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *

Yes

VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. *

NH crossing will be done by trenchless method (manual jack pushing method). In manual jack pushing method, firstly MS casing pipe pushed/laid from the entry pit to exit pit and then laid the carrier pipe in to casing pipe. The Pipeline laying work will be carried out in phased manner in such a way that the no hindrance may occur in traffic movement. The trench will be reinstated to its original surface.

14. Whether the proposal satisfies the following:

SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun

Auth. Sign.
for [Signature]
[Signature]

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SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun

<p>I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *</p>		<p>NA</p>
<p>II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *</p>		<p>NA</p>
<p>III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. *</p>		<p>NA</p>
<p>IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. *</p>	<p><i>Sumit</i> SANJEEV KUMAR Assistant Engineer (E/M) PIU-UUSDA, Dehradun</p>	<p>NA</p> <p><i>SE-III</i> <i>PIU-UU</i></p> <p>SANJEEV KUMAR Assistant Engineer (E/M) PIU-UUSDA, Dehradun</p> <p><i>for Dehradun file</i></p>



✓ V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. *	NA
✓ 15. Document/Drawings enclosed with the proposal *	Yes
✓ I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *	Yes
✓ II. Cross section showing the size of pit and location of cable for HDD method *	Yes
✓ III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *	Yes
✓ IV. Methodology of laying of the Utility Pipeline/OFC *	Laying of pipe open excavation method and NH crossing by trenchless method.
✓ V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *	Yes Tranch will be filled by selected granular material/coarse sand.


[Signature]
SANJEEV KUMAR
 Assistant Engineer (E/M)
 PIU-UUSDA, Dehradun

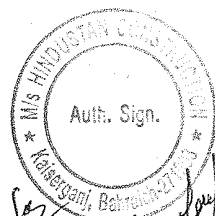



[Signature]
for
Dogher...

[Signature]
SANJEEV KUMAR
 Assistant Engineer (E/M)
 PIU-UUSDA, Dehradun

<p>(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *</p>	<p>Yes 40cm + outer dia of pipe</p>
<p>(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *</p>	<p>Yes</p>
<p>(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 *</p>	<p>Yes</p>
<p>(d) The side fill shall consist of granular material laid in 15 cms, 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. *</p>	<p>Yes</p>


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 Assistant Engineer (E/M)
 PIU-UUSDA, Dehradun




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 Assistant Engineer (E/M)
 PIU-UUSDA, Dehradun

(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *

Yes

(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *

Yes

(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *

Yes

VI. Horizontal Directional Drilling (HDD) Method *

Methodology & drawing attached for NH crossing by Manual Jack Pushing Method (Trenchless technology)

VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *


NA

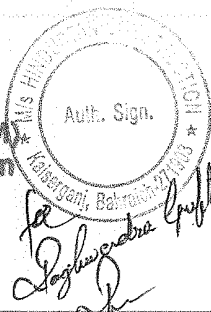
16. Draft license Agreement signed by two witnesses. *


Attached

✓ The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *

Attached (The license fee has been calculated for sewer manhole and sewer pipe laying, (along/crossing) on N.H. Abstract of Rate Calculation as per Circular no. RW/NH-33044/29/2015/S&R(R) Dated 22/11/2016 Sl. No. Description Amount (INR) A Rate for sewer pipe line Rs. 2632863.00 B Rate for sewer manhole Rs. 2,00,920.00 Total Amount Rs. 28,33,783.00


SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun




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Assistant Engineer (E/M)
PIU-UUSDA, Dehradun

17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *

Yes

18. Confirmation of BG has been obtained as per MoRTH guidelines *

Yes

18. Affidavit/Undertaking from the Applicant for following is to be furnished

a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *

Yes

b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *

Yes

c) Undertaking Confirming all standard condition of Ministry's guidelines. *

Yes

d) Undertaking for indemnity against all damages and claims *

Yes

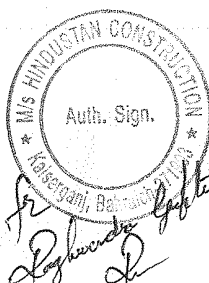
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *

Yes

f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *

Yes

SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun



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Assistant Engineer (E/M)
PIU-UUSDA, Dehradun

g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *

Yes

h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *

Yes

i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *

Yes

j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *

Yes

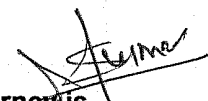
k) Certificate from the applicant in the following format

l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development

19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *

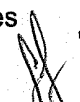
Mr. Vipin Tiwari Project Manager PIU
UUSDA Govt of Uttarakhand Dnhradun

20. The Power of Attorney is in favour of authorized signatory? *


SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun



Yes


SANJEEV KUMAR
Assistant Engineer (E/M)
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Locations

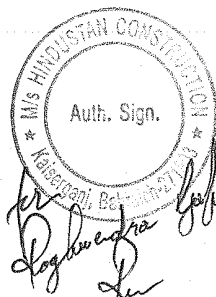
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	UTTARAKHAND	DEHRADUN	NH7 [NH44] (0.000-233.600) From Km: 158.9 To Km: 161.719	Chainage Point: 158.9 Lat: 30.274 Lng: 78.076	Chainage Point: 161.719 Lat: 30.252 Lng: 78.093	View

SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun

Documents

Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	View
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	--
4	Under Submission	Safety Clearance from Directorate of Electricity	No	--
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	--
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	--
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	--
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	--
9	Under Submission	Any Other Statutory Clearance as applicable	No	--

SANJEEV KUMAR
Assistant Engineer (E/M)
PIU-UUSDA, Dehradun



SE-III
PIU-UU

Applicable Fee Details

Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	2945913.30	

[Signature]
SANJEEV KUMAR
 Assistant Engineer (E/M)
 PIU-UUSDA, Dehradun



[Signature]
 SE-III
 PIU-UU

SANJEEV KUMAR
 Assistant Engineer (E/M)
 PIU-UUSDA, Dehradun

Application Details [20220916/1/9/17114/1472]

Applicant	Utarakhand Urban Sector Development Agency Address: Office of Project Manager PIU UUSDA Govt of Uttarakhand 777 Saatvik Tower Kaulagarh Road Rajendra Nagar Dehradun, DEHRADUN (UTTARAKHAND), PIN: 248001 Phn: 9870749852 Email: sanjeev.peyjal@gmail.com
Highway	NH7 [NH44]
Application Type	New
Submitted On	07 Nov 2022 14:10:01
Application Category	Public Utility

Processing Details			
From User:	Pankaj Kumar Mourya [Vasant Vihar (Dehradun)] [10/11/2022]	From User:	RO Uttarakhand [RO-Dehradun] [20/12/2022]
Approval Type & Stage:	Technical Approval [Under Process]		
Comments/Remarks:	To Start Processing		
Attached File:	--		
From User:	RO Uttarakhand [RO-Dehradun] [20/12/2022]	From User:	Pankaj Kumar Mourya [Vasant Vihar (Dehradun)] [02/02/2023]
Approval Type & Stage:	Technical Approval [Under Process]		
Comments/Remarks:	to examine/review the proposal as per extant Ministry guidelines & thereby submit your comments with recommendation through the letter		
Attached File:	--		
From User:	Pankaj Kumar Mourya [Vasant Vihar (Dehradun)] [02/02/2023]	From User:	RO Uttarakhand [RO-Dehradun] [Pending]
Approval Type & Stage:	Technical Approval [Under Process]		
Comments/Remarks:	Investigation report has been furnished for further necessary action in this regard		
Attached File:	--		



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

परियोजना कार्यान्वयन ईकाई-वसन्त विहार। Project Implementation Unit-Vasant Vihar

मकान सं० 171, फेज- I, वसन्त विहार, देहरादून - 248006 House no.171, Phase-I, Vasant Vihar, Dehradun - 248006

दूरभाष/Phone: 0135-2760001 ई-मेल/E-mail: piuvasantvihar@nhai.org वेब/Web: www.nhai.gov.in

NHAI/PIU-VSNT VHR/Retail Outlet/2021/ 4213



Date: 03.03.2023

To,

Project Manager,
UUSDA (GoU), 777, Saatvik Tower,
Kaulagarh Road, Rajender Nagar,
Dehradun, Uttarakhand.
(Email id:- piu1ddn.uusdip@gmail.com)

Sub: NOC proposal for Laying of 9" dia HDPE sewer pipeline from Km.158.900 (Mohakampur) to Km.161.719 (Nakronda Police Chauki) on NH-07 for total length of 3285.4 meters in Dehradun District in the state of Uttarakhand.

Ref: UUSDA (GoU) Dehradun NOC portal proposal no.20220916/1/9/17114/1472.

Sir,

Kindly refer to proposal as mentioned above vide which, proposal for granting permission for Laying of 9" dia HDPE sewer pipeline from Km.158.900 (Mohakampur) to Km.161.719 (Nakronda Police Chauki) on NH-07 for total length of 3285.4 meters in Dehradun District in the state of Uttarakhand.

2. The said proposal was forwarded to Competent Authority for approval. In response to the same, Competent Authority has raised following observations:-

- Checklist, drawings i/c layout plan, manhole plan & section, cross sections needs to be signed duly verifying the details, documents, data etc mentioned in the checklist.
- Calculation for license fee & performance security furnished by utility agency to be verified in line with guidelines & the calculations also need to be signed. It may also be ensured that base slab outer dia that is effectively covered/utilized the NH land will be used for calculation.
- An inspection report reviewing/examining the prevailing site conditions to assess the suitability of submitted proposal of user agency along with proposed methodology w.r.t extant Ministry guidelines.

In view of above, the subject proposal is returned herewith without approval for further necessary action please.

Encl- As above

Regards,

Rahul Meena
03/03/2023

(Rahul Meena)
Manager (Tech)

For Project Director
PIU-Vasant Vihar(Dehradun)