



No. RO/MUM/Laying Utility/MAH/2021-22/WSP-P-44/3779

Office of the Chief Engineer

**Government of India, Ministry of Road Transport & Highways
(Regional Office, Maharashtra, Goa)**

Room No. 508 & 509, Konkan Bhavan, 5th Floor, Sector-6, C.B.D, Belapur, Navi Mumbai- 400614

Tel:- 022-27562370, 27562369, Email:- romum-morth@gov.in; romorthmumbai@gmail.com

Date: 02.06.2022

INVITATION OF PUBLIC COMMENT'S

Subject: - Proposal for Permission to laying Underground Water pipeline, along Nagpur - Umred - Bhwapur - Nagbhid - Bramhapuri - Armori road section of NH-353-D, from Ch. In Km, 134/100 to 136/725 (Waghala) in Taluka - Armori, District - Gadchiroli, in the State of Maharashtra - Laying Permission reg. Applicant: M/s Executive Engineer, Rural Water Supply Division, Zilla Parishad, Gadchiroli.

Please refer to Superintending Engineer (NH) National Highway Circle, Nagpur vide letter No. SENH /HDM /2022 /WSP-4/Waghala /Nagpur /880. dated.02.05.2022. submitting therewith Proposal for Permission to laying Underground Water pipeline, along Nagpur - Umred - Bhwapur - Nagbhid - Bramhapuri - Armori road section of NH-353-D, from Ch. In Km, 134/100 to 136/725 (Waghala) in Taluka - Armori, District - Gadchiroli, in the State of Maharashtra - sought NOC.

2. As per guideline issued by Ministry vide letter no. RW/NH-33044/29/2015/S&R(R), dated 22.11.2016 according to which for cases, Highway Administrator will make in Ministry website the complete application for public comments and comments will be invited within **30 days** from the day of uploading.

3. In view of above, the comments of the public on the above proposal is invited to this office. The detailed proposal submitted by applicant is online available at www.morth.nic.in.

Yours faithfully,

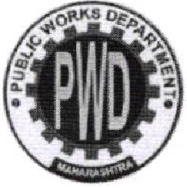

Encl: As above


(Prakash Ambhore)
Sr.Tech Assistant.

For CE- RO, MoRTH Mumbai.
02.06.2022.

Copy to:

- 1) Senior Technical Director, NIC, MoRTH, Transport Bhawan, New Delhi - For uploading on Ministry's website.
- 2) The Superintending Engineer (NH) National Highway Circle, Nagpur - for information.

	 <p align="center">Government of Maharashtra Public Works Department</p>	<p align="right"><i>Speed post</i></p> <p>Office of the, Superintending Engineer National Highway Circle, Nagpur. Bungalow No. 39/1, Civil Lines, Nagpur- 440001 Tel. No. 0712/2561643.</p> <p>Email: - nhnagpur.se.@mahapwd.com</p>
Desk No.: - SENH/HDM/2022/WS-4/Waghala/Nagpur/ -- <u>880</u> ----		Dated :- <u>02/05/22</u>

To,
Chief Engineer & Regional Officer,
MORTH,
5th Floor, room no. 508/509, Konkan Bhavan,
CBD Belapur, Navi Mumbai-400614.

Subject :- **Water Supply Pipeline -**

Proposal for Permission for laying Underground Water supply Pipeline along Nagpur-Umred-Bhiwapur-Nagbhid-Bramhapuri-Armori road, section of NH-353-D, from Chainage in Km.134/100 to 136/725(**Waghala**) in Taluka-Armori, District-Gadchiroli in the State of Maharashtra.

Applicant:- Executive Engineer, Rural Water Supply Division, Zilla Parishad, Gadchiroli.

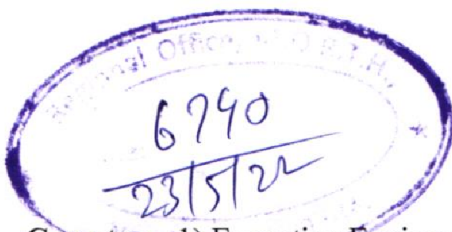
Reference :- Executive Engineer, National Highway Division, Nagpur Office letter No. DM/WS-6/Waghala/Nagpur/NH-353D/2022/1888/dtd.18/4/2022.

With reference to the above subject, E.E., NH Division, Nagpur has submitted the Proposal for Permission for laying Underground Water Supply Pipeline along Nagpur-Umred-Bhiwapur-Nagbhid-Bramhapuri-Armori road, section of NH-353-D, from Chainage in Km.134/100 to 136/725(**Waghala**) in Taluka-Armori, District-Gadchiroli in the State of Maharashtra.

The site is inspected & proposal is scrutinized by Assistant Engineer Gr-1, NH Sub Division No.3, Nagpur. The proposal has been examined by E.E., NH Division, Nagpur as per MoRT&H Guidelines, dated 22.11.2016. The charges applied for above proposal calculated by E.E., NH Division, Nagpur & deposited by the applicant.

Proposal with Reference letter, Abstract, Calculation sheet, Bank Guarantee, Copy of Bharat Kosh Receipts, Check list, Inspection Report & requisite Certificate/Documents is submitted herewith for approval please.

DA :- Proposal in 2 copies.



23/5
AE (A4)
STA

Yang
(M. M. Jaiswal)
Superintending Engineer
National Highway Circle,
Nagpur.

Copy to :- 1) Executive Engineer, National Highway Division, Nagpur for information & necessary action.

2) Executive Engineer, Rural Water Supply Division, Zilla Parishad, Gadchiroli

अ.अ.रा.म. मंडळ नागपूर	
अ.अ.	
सहा.अ.अ.	
अधिक्षक	
कार्यालय	प.अ.अ.
आ.क्रमांक	Lr.No.Dman/ File No.WP-C6/NH-353D/2022/ 1888
दिनांक	To,



**Government of Maharashtra
Office of the Executive Engineer**

National Highway Division, Public Works Department, Bunglow No.39/1, Civil Lines, Nagpur-440 001
☎: 0712-2524829, Email – nhnagpur.ee@mahapwd.gov.in & eenhnagpur@gmail.com

Date :- 18 / 04/2022

The Superintending Engineer,
National Highway Circle,
Nagpur.

Subject :- Proposal for permission of laying underground water supply pipeline along Nagpur- Umred- Nagbhid-Bramhapuri-Armori NH-353D from Km.134/100 to Km. 136/725 in Tah. Armori Distt. Gadchiroli in the State of Maharashtra.

Reference :- 1) सरपंच/ सचिव, ग्रामपंचायत बघाळा पत्र क्र.८५/२०२१ दि.२३.०९.२०२१
2) The Assistant Engineer Gr-I , National Highway Sub Division No.3, Nagpur Ir. No.335/Tech/ 2021, Dt.26.10.2021
3) This Office Ir. No. Dman/File NO.WP-C6/NH-353D/2021/7618 Dt.21.12.2021
4) The Executive Engineer, Rural Water Supply Division Zilla Parishad Gadchiroli Lr. No. जिपग/गापापु/ताशा/८५९/२०२२ दि.३१.०३.२०२२

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With reference to above cited letter No.(1), proposal for permission of laying underground water supply pipeline along Nagpur- Umred-Nagbhid-Bramhapuri-Armori NH-353D from Km.134/100 to Km. 136/725 in Tah. Armori Distt. Gadchiroli in the State of Maharashtra to this office.

The site is inspected and proposal is scrutinized by the Assistant Engineer Gr-I , National Highway Sub Division No.3,Nagpur and submitted to this office vide ref. Ir. No.(2)

The applicant deposited applicable charges as per demand note vide ref. Ir. No.(4), Receipt of deposited amount enclosed with the proposal.

a) Restoration charges (Refundable) In form of Bank Guarantee Refundable after completion of work.	= Rs.2,62,500/-	(Rupees Two Lakh Sixty Two Thousand Five Hundred Only) BG No39680100000001 Dt.23.03.2022 Axis Bank Limited Bramhapuri
b) License fee (Non Refundable) In Bharat Kosh & receipt to this office	= Rs.3,64,475/-	(Rupees Three Lakh Sixty Four Thousand Four Hundred Seventy Five Only) Transaction Ref. No. 0803220007968 Dt.08.03.2022
c) G.S.T.18 % In Reverse Charge Account	= Rs.65,605/-	(Rupees Sixty Five Thousand Six Hundred Five Only) -CPIN-22032700093457

The proposal for permission of laying underground water supply pipeline along Nagpur- Umred-Nagbhid-Bramhapuri-Armori NH-353D from Km.134/100 to Km. 136/725 in Tah. Armori Distt. Gadchiroli is submitted with calculation sheet, receipt of deposited amount, check list, Inspection report, necessary undertaking, route map for information & further process please.

D.A.:- Proposal 3 Copies

Red [Signature]

[Signature]
(N.V.Borkar)

Executive Engineer

National Highway Division

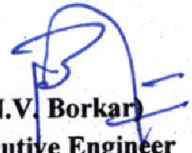
Nagpur

1. Copy to the Executive Engineer, Rural Water Supply Division Zilla Parishad Gadchiroli for information.
2. Copy to the Sub Divisional Officer, National Highway Sub Dn. No.3, Nagpur for information.

Proposal for permission of laying under ground water pipeline along the road on Nagpur-Umred-Nagbhid-Bramhapuri-Armori NH-353D from Km.134/100 to Km.136/725 in Tahsil Armori District Gadchiroli in the State of Maharashtra

Abstract

Sr. No.	Particulars	Amount	Remarks
1	2	3	4
1	Restoration charges (Refundable) in the form of Bank Guarantee	Rs. 2,62,500 (Rupees Two Lakh Sixty Two Thousand Five Hundred Only)	Detailed calculation sheet attached
2	License Fees (Non-refundable) for 5 years	Rs. 3,64,475 (Rupees Three Lakhs Sixty Four Thousand Four Hundred Seventy Five Only)	Detailed calculation sheet attached
3	GST 18% (On 2)	Rs. 18% of x 3,64,475 = 65,605 (Rupees Sixty Five Thousand Six Hundred Five Only)	Detailed calculation sheet attached


(N.V. Borkar)
Executive Engineer
National Highway Division,
Nagpur



जिल्हा परिषद, गडचिरोली
ग्रामीण पाणी पुरवठा विभाग
जिल्हा परिषद, इमारत, पहिला माळा, गडचिरोली-४४२६०५
दुरभाष : (०७९३२)२२२०९९ ई-मेल: eebngadchiroli@rediffmail.com
फॅक्स : ०७९३२-२२२६४६ Web Site : www.ddws.nic.in

जा.क्र./जिपग/ग्रापापु/तांशा-1/ ८५५ /2022

दिनांक 31/03/2022

प्रति

कार्यकारी अभियंता
राष्ट्रीय महामार्ग विभाग, नागपुर

विषय: मौजा वधाळा नळ पाणी पुरवठा योजनेच्या पाईप लाईन करिता राष्ट्रीय माहामार्ग क्र 353D नागपुर-उमेरड-नागभिड-आरमोरी NH-353D KM 134/100 ते 136/725 एकुण लांबी 2625 मीटर माहामार्गालगत पाईप लाईन टाकण्याची परवाणगी बाबत.

- संदर्भ:** 1) सरपंच/सचिव ग्रा.पं.वधाळा यांचे पत्र क्र.ग्रा.प.वधाळा/85/2021, दिनांक 23/01/2021.
2) कार्यकारी अभियंता, राष्ट्रीय माहामार्ग विभाग, नागपुर, आपले पत्र क्र. Dman/WPG/NH-353-D/2021/7618 दिनांक 31/12/2021.
3) या कार्यालयाचे पत्र क्र जा.क्र./जिपग/ग्रापापु/निविदा/870/2022 दिनांक 04/03/2022.
4) श्री.सि.के.भोयर कंत्राटदार यांचे पत्र क्रमांक दिनांक 30/03/2022.

उपरोक्त विषयाचे अनुषंगाने मौजा वधाळा नळ पाणी पुरवठा योजनेच्या पाईप लाईन करिता राष्ट्रीय माहामार्ग क्र 353D नागपुर-उमेरड-नागभिड-आरमोरी NH-353D KM 134/100 ते 136/725 एकुण लांबी 2625 मीटर माहामार्गालगत पाईप लाईन टाकण्याची परवाणगी संदर्भीय पत्र क्र.1 अन्वये आपल्याला मागीतली होती. त्या अनुषंगाने उपरोक्त विषयांकीत मंजुरी करिता 1) Restoration Charges रु.262500/- बँक गॅरंटी 2 परवाना शुल्क (नॉन परतावा) 5 वर्षे रु.364475/- त्यावरील जी.एस.टी. 18% रु.65605/- एकुण रु.692580/- शुल्क भरणा बाबत संदर्भीय पत्र क्र 2 अन्वये आपल्या कार्यालयाला कळविण्यात आलेले होते. आपले संदर्भीय पत्र क्र 2 च्या अनुषंगाने संदर्भीय पत्र क्र. 3 व 4 अन्वये परवाणगी शुल्काचे भरणा करुन शुल्कांच्या पावती व दस्तावेज सादर करण्यात येत आहे. तरी वधाळा नळ पाणी पुरवठा योजनेकरिता माहामार्गालगत पाईप लाईन टाकण्याची परवाणगी देण्यात यावी करिता आपल्या माहितीस व उचित कार्यवाहीस समादराने अग्रेषित.

- सहपत्र:- 1) Restoration Charges BG No.39680100000001 Axis Bank Branch Bramhapuri
Date 23-03-2022 Rs.262500/-
2) License Fees Bhart Kosh Tr No 0803220007968 Date 8/03/2022 Rs.364475/-
3) GST GSTIN-27AMVPB1622L1ZV CPIN 22032700093457 Date 08/03/2022.
Rs.65606/-

प्रतिलिपी:

- मा. मुख्य कार्यकारी अधिकारी जिल्हा परीषद गडचिरोली यांना गडचिरोली यांना माहितीस सविनय सादर.
- उपविभागीय अभियंता, ग्रामीण पाणी पुरवठा उपविभाग, कुरखेडा यांना उचित कार्यवाहीस सादर.
- सहाय्यक अभियंता, श्रेणी-1 राष्ट्रीय माहामार्ग उपविभाग क्र. 3 नागपुर यांना माहितीस सादर.
- सरपंच/सचिव ग्रां.पं. वधाळा ता. आरमोरी जि. गडचिरोली यांना माहितीस सादर.

कार्यकारी अभियंता
ग्रामीण पाणी पुरवठा विभाग
जिल्हा परिषद गडचिरोली

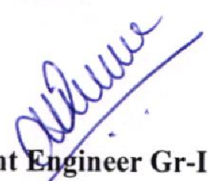
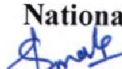
कार्यकारी अभियंता
ग्रामीण पाणी पुरवठा विभाग
जिल्हा परीषद गडचिरोली

Inspection Report

The site inspection is carried out with reference to the proposal for Proposal for permission of laying Water Pipeline along the road on Nagpur-Umred-Nagbhid-Bramhapuri-Armori road NH-353D in km 134+100 to 136+725 in Taluka Armori District Gadchiroli & State of Maharashtra.

The points of observation are as below.

1. The proposed site located at Ch. 134/100 to 136/725 (along NH-353D near Waghada village) (Total length 2625.00 m)
2. The site falls in plain & rolling terrain.
3. The proposed site having ROW 24.00 m available (i.e. 12.00 m from the centre line on either side)
4. The existing carriageway width is 10.00 m CC pavement with earthen shoulders on either side.
5. The proposed Water Pipeline along the road shall be laid by open trench method.


Assistant Engineer Gr-I
National Highway Sdn No3
 Nagpur


Executive Engineer
National Highway Division,
Nagpur

CHECK-LIST

Guidelines for Project Directors for processing the proposal of laying underground Water Pipe line in the land along National Highways vested with Executive Engineer, National Highway Division, Nagpur

• **Relevant circulars**

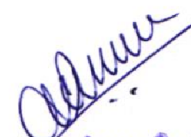
- 1) Ministry Circular No.NH-41(58)/68 dated 31.01.1969
- 2) Ministry Circular No.NH-III/P/66/76 dated 19.11.1976
- 3) Ministry Circular No.RW/NH-III/P/66/76 dated 11.5.1982
- 4) Ministry Circular No.RW/NH-11037/1/86/DOI(II) dated 28.7.1993
- 5) Ministry Circular No.RW/NH-11037/1/86/DOI dated 19.1.1995
- 6) Ministry Circular No.RW/NH-34066/95/S&R/ dated 25.10.1999
- 7) Ministry Circular No.RW/NH-34066/7/2003/S&R(B)dated 17.9.2003

Check list for getting approval for laying of underground Water Pipe Line on NH land.

S. No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the Applicant	Sarpanch/Secretary, Gram panchayat Waghala, Tah-Armori Dist. Gadchiroli	Sarpanch/Secretary, Gram panchayat Waghala
1.2	National Highway Number	National Highway No. 353D	NH-353D
1.3	State	MAHARASHTRA	Maharashtra
1.4	Location	Along the Road From Ch.134100 to 136725 (Arsoda Wainganga Road to Waghala Village)(Total Length 2625 M) along the road about 2625 M long on Nagpur-Umred- Nagbhid-Bramhapuri-Armori Road NH-353D (As shown in the drawing)	Along the Road in Km 134+100 to 136+725
1.5	(Chainage in km)	Km 134100 to 136725	Km 134+100 to 136+725
1.6	Length in Meter	Along the National Highway No. 353D about 2625 M long on Left side of Umred - Bhiwapur - Nagbhid-Bramhapuri-Armori Highway (As shown in the drawing)	
1.7	width of available ROW	24 Meter	Yes
	(a) Left side from center line towards increasing chainage/km direction.	12 Meter	Yes
	(b) Right side from centre line towards increasing chainage/km direction	12 Meter	Yes
1.8	Proposal to lay underground Water Pipe line		Yes
	(a) Left side from center line towards increasing chainage/km direction.	12 Meter	Yes

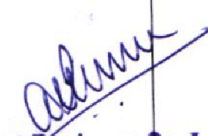

Assistant Engineer Gr.-I
National Highway Sub-Dn. No. 3
Nagpur.

	(b) Right side from center line towards increasing chainage/km direction.	12 Meter	Yes
1.9	Proposal to acquire land		
	(a) Left side from center line	NA	NA
	(b) Right side from center line	NA	NA
1.10	Whether proposal is in the same side where land is not to be acquired	NA	NA
	If not then where to lay the Pipe line	NA	NA
1.11	Details of already laid services, if any, long the proposed route.	-	-
1.12	Number of lanes (2/4/6/8 lanes) existing	1 lanes	2 L with paved shoulder
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	1 lanes	2 L with paved shoulder
1.14	Service road existing or not	No	-
	If yes then which side		-
	(a) Left side from center line	--	-
	(b) Right side from center line	--	-
1.15	Proposed Service road	NA	NA
	(a) Left side from center line	NA	NA
	(b) Right side from center line	NA	NA
1.16	Whether proposal to lay water Pipe Line is after the service road or between the service road end main carriageway	NA	NA
1.17	The permission for laying underground Water Pipe Line shall be considered for approval/ rejection based on the Ministry Circulars mentioned as above.	Yes, May Be Considered for Approval.	Yes
	a) Carrying of sewage/ gas pipelines on highway bridges shall not be permitted as fumes/ gases can accelerate corrosion or may cause explosions, thus much more injurious than leakage of water.	N.A.	NA
	b) Carrying sewer pipe lines on bridges shall also be discouraged. However, if the sewer supply authorities seems to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may permit to carry the pipe line on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remain available for inspection and repairs etc.	N.A.	NA


 Assistant Engineer Gr-I
 National Highway Sub-Dn. No. 3
 Nagpur.

	<p>c) Cost of required extension of the superstructure as well as that of supporting superstructure shall be borne by the agency in charge of the utility.</p> <p>d) Services are not being allowed indiscriminately on the parapet/ any part of the bridges, safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineer only.</p>	<p>N.A.</p> <p>N.A.</p>	<p>NA</p> <p>NA</p>
1.18	If crossing of the road involved If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	NA	NA
	(a) Existing drainage structure shall not be allowed to carry the lines.	NA	NA
	(b) Is it on a line normal to NH	NA	NA
	(c) Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 12 meter. What is the distance from the existing structures.	More than 12.0 Meters.	Yes
	(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.	The 600 mm and 450mm dia. M.S. Casing Pipe caring by push through (HDD) method.	NA
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not acts a drainage path.	AGREED	NA
	(f) The casing/conduit pipe should, as minimum extend from drain in cuts and toe of slope toe of slope in the fills.	AGREED	NA
	(g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	AGREED	NA
	(h) Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	The casing pipe line will be laid by HDD or Push Through Technique so that no damage will be made to the Road.	NA


	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	AGREED	NA
2	Document/Drawings enclosed with the proposal	ENCLOSED	Yes
2.1	Cross section showing the size of trench for open trenching method (Is it 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 12 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 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Yes, drawing attached Ok Ok Ok Ok	Yes OK OK OK OK
2.2	Cross section showing the size of pit and location of cable for HDD method.	Yes	Yes
2.3	Strip plan/Route Plan showing underground electrical cable, Chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	ENCLOSED	Yes
2.4	Methodology for laying of underground Water Pipe Line.	By Push through method across the road and open trenching method at the edge along the road.	No
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.	Yes	Yes
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Agreed	60cm
	(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.	Agreed	Yes


 Assistant Engineer Gr.-I
 National Highway Sub-Dn. No. 3
 Nagpur.

	(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.	Agreed	Yes
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering 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 pounding will not be permitted. (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.	Agreed	Yes
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	AGREED	Yes
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	AGREED	Yes
2.4.2	Horizontal Directional Drilling (HDD) Method	YES work will be carried out accordingly.	NA
2.4.3	Laying underground Water pipe Line through CD works and method of laying	NA	NA
3.	Draft License Agreement signed by two witnesses	Yes attached.	Yes
4.	Performance Bank Guarantee in favour of Executive Engineer, National Highway Division No. 14, Nagpur has to be obtained @ Rs.100/- 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 50 m away from the edge of the right of way. No payment shall be payable for clearing debris/loose earth.	Shall be furnished after receipt of required demand.	OK
4.1	Performance BG as per above is to be obtained.	Shall be furnished after receipt of required demand.	OK
4.2	Confirmation of BG has been obtained as per NHA guidelines.	Shall be furnished after receipt of required demand.	OK
5.	Affidavit /Undertaking from the Applicant for	ATTACHED	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHA or to the concerned agency.	ATTACHED	Yes
5.2	Renewal of Bank Guarantee	NA Assistant Engineer Gr.-I	Yes NA


5.3	Confirming all standard condition of NHA's guideline.	Attached as per Annexure 2	Yes
5.4	Shifting of underground electrical cable as and when required by NHA at their own cost.	Attached as per Annexure 2	Yes
5.5	Shifting due to 6 lanning / widening of NH	-	-
5.6	Indemnity against all damages and claims clause (xxiv)	Attached as per Annexure 2	Yes
5.7	Traffic movement during laying of underground electrical cable to be managed by the applicant.	AGREED	Yes
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	AGREED	Yes
5.9	Prior approval of the NH Authority shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the underground electrical cable located in the National highway right-of-ways.	AGREED	Yes
5.10	Expenditure, if any, incurred by NH Authority for repairing any damage caused to the National Highway by the laying maintenance or shifting of the underground electrical cable will be borne by the agency owning the line.	Attached as per Annexure 2	Yes
5.11	If the NH Authority 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 NHA at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the line intimation given.	Attached as per Annexure 2	Yes
5.12	Certificate from the applicant in the following format (i) Laying of underground electrical cable will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) for 6 lanning "We do undertaking 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 NHA" for future six-lanning or any other development."	Attached as per Annexure 3	Yes
6.	Who will sign the agreement on behalf of underground Water Pipe Line agency.	Sarpanch/Secretary, Gramp anchayt Waghala Tah-Armori Dist. Gadchiroli	Yes

7.	Certificate from the Chief Officer.	Yes Attached	Yes
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. MH-41 (58)/68 Dt. 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 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 dated 19.1.1995, Ministry Circular No. RW/ NH-34066/95/S&R dated 25.10.1999, & Ministry Circular No. RW/ NH-34066/7/S&R (B) dated 17.9.2003.		
7.2	<p>Certificate from Chief Officer in the following format.</p> <p>(i) "It is certified that any other location of the Electric cable would be extremely of Electric cable within ROW will not adversely affected the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".</p> <p>(ii) for 6-lanning</p> <p>(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 structure at the said location".</p> <p>(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".</p>	<p>Yes</p> <p>NA</p> <p>-</p> <p>-</p>	<p>Yes</p> <p>- NA</p> <p>- NA</p>
8.	If NH section proposed to be taken up by NHA 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 [Nagbhid-Bramhapuri-Armori section from km 134100 to km 136725 of NH No-353D on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	Yes	Yes
9.	Who will supervise the work of laying of underground Water Pipe Line.	Excecutive Engineer, Rural Water Supply division, Zilla Parishad, Gadchiroli	Yes
10.	Who will ensure that the defects in road portion after laying of underground electric cable are corrected and if not corrected then what action will be taken.	Sarpanch/Sachiv, Grampan chayt Waghala, Tah Armori, Dist. Gadchiroli	Yes


 Assistant Engineer Gr.-I
 National Highway Sub-Dn. No. 3
 Nagpur.

11.	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	Sarpanch/Sachiv, Grampanchayt Waghala, Tah Armori, Dist. Gadchiroli	Yes
12.	A Certificate from EE that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Yes	Yes
13.	If any previous approval is accorded for laying of underground electrical cable then Photo copy of register of records of permissions accorded as maintained by PD may be enclosed.	NA	NA


Assistant Engineer Gr.-I
National Highway Sub-Dn. No. 3
Nagpur.


Sarpanch/Secretary
Grampanchayt Waghala,
Tah Armori, Dist. Gadchiroli.


Executive Engineer
National Highway Division,
Nagpur

GRAM PANCHAYAT WAGHADA
WAGHADA WATER SUPPLY SCHEME
DETAIL OF RISING MAIN PIPE LINE

Sr. No.	Location	Diameter of pipe	Type	Length	Remarks
1	ALONG THE NATIONAL HIGHWAY 353 D				
A	RISING MAIN				
1	From Bramhpuri Arsoda Wainganga river to Waghada Village chainage from 134100 to 136725	110mm dia. HDPE PE-100 Rising Main	HDPE PE-100 Rising Main	2625 Meter	


Sarpanch/ Secretary,

Gram Panchayat Waghala,
Tah. Armori, Dist. Gadchiroli



ANNEXURE-I

Conditions to be enclosed/incorporated in the approval letter for permission for laying of underground Water Pipe Line.

1. The Underground Water Pipe Line shall be located as close to the extreme edge of the right-of-way as possible but not less than 12 meter from the centre-lines of the nearest carriageway.
2. The underground Water Pipe Line shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NHAI/Government of India.
3. The underground Water Pipe Line shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.
5. The authority/owner of the underground utility shall ensure that laying Water Pipe Line carrying water should not have any deleterious effect on any of the bridge components and roadway safety for traffic.
6. The lines shall cross the National Highway preferably on a line normal to it or as nearly so as practicable.
7. Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 12 meter.
8. The underground Water Pipe Line is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.
9. The casing pipe (or conduit pipe in the case of electric cable) carrying the underground Water Pipe 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. Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.
10. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.
11. The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.
12. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall only be permitted where the existing road pavement is of cement concrete or dense bituminous concrete type.
13. 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.
14. Open trenching method. May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)

- (a) 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.
 - (b) Filling of the trench shall conform to the specifications contained herein below (c) Bedding shall be to a depth of not less than 30 cm. It shall consist of
 - (d) 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.
 - (e) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled additional 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.
 - (f) 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 Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
 - (g) The excavation shall be protected by flagman, signs and barricades, and red lights during right hours.
15. If needed, a diversion shall be constructed at the expense of agency owning the underground Water Pipe Line.
16. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the underground Water Pipe Line located in the National highway right-of-ways.
17. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the underground Water Pipe Line will be borne by the agency owning the underground Water Pipe Line.
18. If the NHAI considers it necessary in future to move the underground Water Pipe Line for any work of Improvement of repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the underground Water Pipe Line within a reasonable time (not exceeding 60 days) of the intimation given.
19. The Licensee shall ensure making good the excavated trench for laying Water Pipe Line by proper filling and compaction, so as to restore the land in to the same conditions as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
20. The licensee shall furnish a Bank Guarantee to the N. H. Dn. No. 14, @ Rs. 100/- 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 excavation trench for laying the water pipe line by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way. No payment shall be payable by the Highway authority to the licensee for clearing debris/loose earth.
21. In case the work contemplated herewith is not completed to the satisfaction of the executive Engineer, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee, the licensee shall either furnish a fresh guarantee or extent the

guarantee for a further period of one year. In case of the licensee failing to discharge the obligation of making good the excavated trench, the executive Engineer shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount by invoking the bank guarantee furnished by the licensee.

22. The licensee shall shift the Water Pipe Line within 60 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the Water Pipe Line, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.
23. Regarding the location of other water pipe line, underground installation/utilities etc, the licensee shall be responsible to ascertain to ascertain from the respective agency in coordination with Executive Engineer. The Licensee shall ensure the safety and security of already existing cables/underground installation/utilities etc. before commencement of the excavation.
24. The licensee shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved owner of any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the licensee. The concerned agency in co-ordination with National Highway Authority shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by the Licensee.
25. If the licensee fails to comply with the condition 22 and 23 Above to the satisfaction of the Executive Engineer, the same shall be got executed by the Executive Engineer at the risk and cost of the licensee.
26. The licensee shall procure insurance from reputed insurance company against damages to already existing cables/underground installation/utilities etc during trenching.
27. The licensee has to cross the NH by horizontal drilling method (trench less technology only). In case any damage is caused to the road pavement in this process, the licensee will be required to restore the same to the original condition at his own cost.
28. No trenching will be done on pucca road, boring method will be used in pucca road and Water Pipe Line will be laid at the extreme edge of the road in the non-BT surface only.
29. The licensee shall inform/give a notice to the National Highway Authority, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs.100/- per meter length for maintenance/repair work shall have to be furnished by the licensee.
30. Each day, the extent of digging the trenches should be strictly regulated so that Water Pipe Line are laid down and trenches filed up before the close of the work that day. Filing should be completed to the satisfaction of the concerned agency designated by the National Highway Division No. 14, Nagpur.

31. The licensee shall indemnify the concerned agency in co-ordination with National Highway Authority against all damages and claims, if any, due to the digging of trenches for laying Water Pipe Line.
32. The Executive Engineer National Highway Division No. 14, Nagpur has a right to terminate the permission or to extend the period of agreement. In case the licensee wants shifting, repairs or alteration to telecom cables/ducts, he will have to furnish a separate bank guarantee.
33. The licensee shall not without prior permission in writing from the Executive Engineer/ Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said Water Pipe Line.
34. The permission granted shall not in any way be deemed to convey to the licensee any ownership right or any interest in route/road/highway/land/property, other than what is herein expressly granted.
35. During the subsistence of this agreement, the laying underground Water Pipe Line located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the Executive Engineer that the right of the licensee to the use thereof shall not become absolute and indefeasible by the laps of time.
36. The licensee shall bear the stamp duty charged for the agreement.
37. The underground Water Pipe Line shall not be brought in to use by the licensee unless a completion certificate to the effect that the laying underground Water Pipe Line has been laid in accordance with the approved specifications and drawing and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
38. Notwithstanding any thing Executive Engineer contained herein this agreement may be cancelled at any time by the or breach of any condition of the same and the licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
39. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
40. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of licensee.
41. After the termination/expiry of the agreement, the licensee shall remove the Water Pipe Line within 60 days and the site shall be brought back to the original condition failing which the licensee will lose the right to remove the Water Pipe Line. However, before taking up the work of removal of Water Pipe Line the licensee shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50 m away from the edge of the right of way
42. If Executive Engineer is required to do some emergent work the licensee will provide an observe within 24 hours. NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.

43. The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the licensee agreement and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope.
44. Strict compliance of the following by the executive Engineer :
- a) If the licensee fails to inform the commencement of laying of underground Water Pipe Line 15 days before the actual start of the work at site the agreement should be null and void.
 - b) It is to be intimated to the HQ that, actual work has already been started at the site as per the provisions of the agreement and the conditions stipulated in the Ministry Circular No. MH-41 (58)/68 Dt. 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 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 dated 19.1.1995, Ministry Circular No. RW/ NH-34066/95/S&R dated 25.10.1999, & Ministry Circular No. RW/ NH-34066/7/S&R (B) dated 17.9.2003.
 - c) At interim execution progress report/ status report shall be submitted to National Highway Authority HQ after one month of the start of the work at site, regarding the satisfactory progress of the laying of underground Water Pipe Line, as per the specification/stipulation and the alignment as approved.
 - d) The final completion certificate shall be issued/submitted by Executive Engineer to the effect that, the work has been completed to the entire satisfaction of the Project Director and there were no violation of any condition/stipulation contained in the agreement, Ministry Circular No. MH-41 (58)/68 Dt. 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 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 dated 19.1.1995, Ministry Circular No. RW/ NH-34066/95/S&R dated 25.10.1999, & Ministry Circular No. RW/ NH-34066/7/S&R (B) dated 17.9.2003 and the approved plan.
 - e) To obtain a performance bank guaranty @ Rs. 100/- per running meter of NH and Rs. 1,00,000/- per crossing of NH from the licensee to safe guard the interest of Executive Engineer National Highway.
 - f) Proposal for permission along NH Sections which are proposed to be taken up by Executive Engineer, National Highway Division No. 4, Nagpur for development through private sector participation on BOT basis, following clause should be inserted in the agreement.

"The permitted Highway on which Licensee has been granted the right to lay Water Pipe Line has also been granted as a right of way to the concessionaire under the concession agreement for up-grading of road on Build, Operate and Transfer Basis and therefore, the licensee shall honour the same."

- g) A register of records of the permission accorded has to be maintained by the EE in the prescribed proforma (copy enclosed)
- h) Executive Engineer is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant, on behalf of Govt. of India/ Ministry of Shipping, Transport and Highway.

ANNEXURE-2


Subject : Waghala Water Supply Scheme, Tah. Armori, Dist. Gadchiroli Along the Road of water pipe line on National Highway 353 D Umred –Nagbhid – Bramhapuri-Armori National Highway.

UNDERTAKING

As per the check list clause 5 { (i) to (ix) } Project in-charge, Sarpanch/Secretary, Gram Panchayat Waghala, Tah Armori, Dist. Gadchiroli. on behalf of Gram Panchayat Waghala undertaking for :

1. Not to damage to other utility, if damaged then to pay the losses either to Executive Engineer, National Highway Division , Nagpur or to the concerned agency.
2. Renewal of performance Bank Guarantee in favor of Executive Engineer, National Highway Division, Nagpur.
3. Confirming all standard condition of Ministry of Road transport and Highways (MORT&H) guideline.
4. Shifting of Water Pipe Line as and when required by Executive Engineer, National Highway Division Nagpur at our own cost.
5. Shifting due to 6 lanning / widening of NH.
6. Indemnity against all damages and claims clause (xxiv)
7. Traffic movement during laying of Water Pipe Line to be managed by Gram Panchayat Waghala Tah-Armori.
8. If any claim is raised by the concessionaire, then the same has to paid by Gram Panchayat Waghala.
9. Prior approval of the Executive Engineer, National Highway Division, Nagpur to be obtained before undertaking any work of installation any work of installation, shifting or repairs, or alterations to the Water Pipe Line located in NH 353D right-of-ways.
10. Expenditure, if any, incurred by Executive Engineer, National Highway Division , Nagpur repairing any damage caused to the national Highway No.353D by the laying maintenance or shifting of the underground Water Pipe Line will be borne by Gram Panchayat Waghala.
11. If the Executive Engineer, National Highway Division, Nagpur 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 Executive Engineer at the cost of GramPanchayat Waghala. within a reasonable time (not exceeding 60 days of the intimation given)






Sarpanch/ Secretary,
Gram Panchayat Waghala,
Tah. Armori, Dist. Gadchiroli

ANNEXURE-3

Subject : Waghala Water Supply Scheme, Tah. Armori , Dist. Gadchiroli Along the Road of water pipe line on National Highway 353 D Umred – Bhiwapur – Nagbhid-Bramhapuri-Armori National Highway.

CERTIFICATE

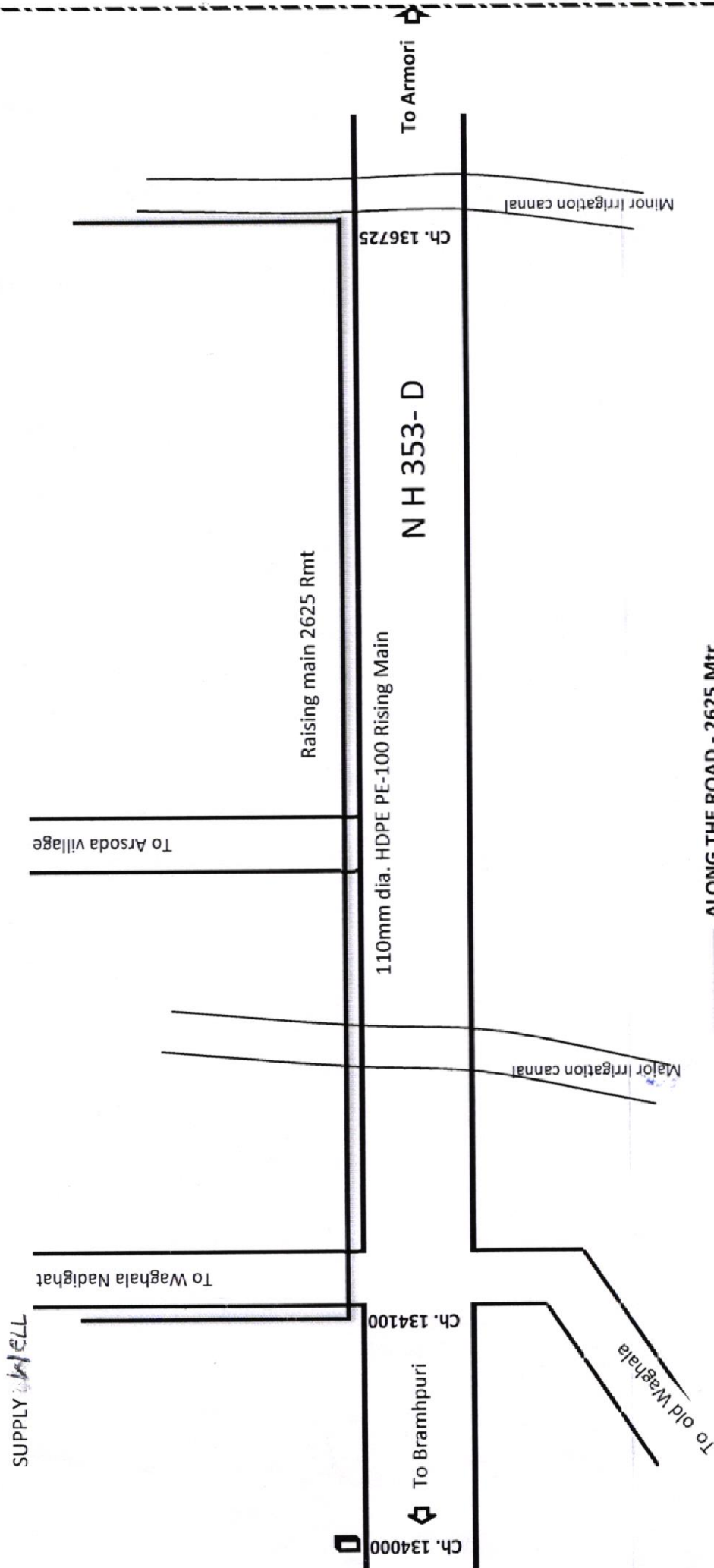
- i) Laying of Water Pipe Line underground line will not have any deleterious effects on any of the bridge components and roadways safety for traffic.
- ii) For 6 – lanning “ We do under take that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by Executive Engineer, National Highway Division , Nagpur. for future six-lanning or any other development.



Sarpanch/ Secretary,
Gram Panchayat Waghala,
Tah. Armori, Dist. Gadchiroli

WAGHADA WATER SUPPLY SCHEEM

ESR New WAGHALA



ALONG THE ROAD - 2625 Mtr.

[Signature]
Engineer

RWS Sub Dn. Kurkheda

[Signature]
Assistant Engineer Gr.-I

Sub Divisional Engineer National Highway Sub-Dn. No. 3

Nagpur.

Executive Engineer

R.W.S. Dn. Z.P. Gadchiroli

WAGHALA WATER SUPPLY SCHEME

Legend

● RISING MAIN

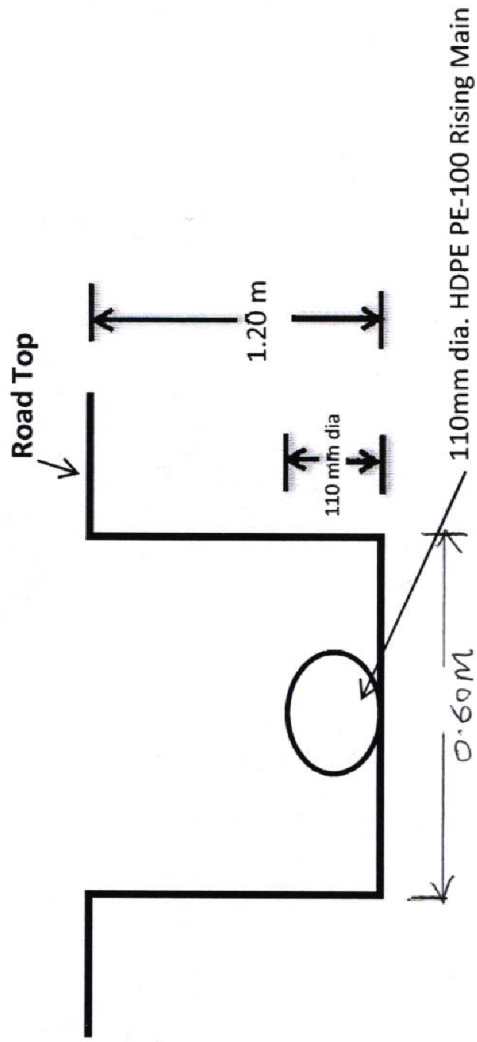
● RISING MAIN PIPE LINE ALONG THE ROAD ON NATIONAL HIGHWAY NO.353D



[Handwritten signature]


Sub Divisional Engineer
'RWS' Sub Division, Kurtheda

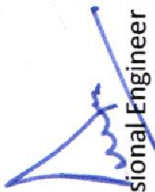
WAGHADA WATER SUPPLY SCHEEM



CROSS SECTION OF PIPE LINE ALONG

M.H. 353 D BY OPEN EXCAVATION


Jr. Engineer
RWS Sub Dn. Kurkheda


Sub Divisional Engineer
RWS Sub Dn. Kurkheda


Assistant Engineer Gr.-I
National Highway Sub-Dn. No. 3
Nagpur.
Executive Engineer
R.W.S. Dn. Z.P. Gadchiroli