



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय - हैदराबाद

प्रथम तल, नया भवन, भारतीय प्रशासनिक स्टाफ कॉलेज, कॉलेज पार्क काँपस, रोड नंबर-3, बंजारा हिल्स, हैदराबाद-500 034. तेलंगाना

Regional Office - Hyderabad,

First Floor, New Building, Administrative Staff College of India (ASCI), College Park Campus, Road No. 3, Banjara Hills, Hyderabad - 500 034, Telangana.

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ई-मेल / E-mail : rohyderabad@nhai.org
nhairohyd@gmail.com



भारतमाला
कल्पित की राह पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

NHAI/RO-HYD/25011/1/21/2021/A-P/Utility/ 2861

Dt.31.03.2021

Notice Inviting Public Comments

Sub: NHAI - RO Hyderabad - PIU Hyderabad- Proposal for Permission for laying of Mission Bhagiratha Pipeline along National Highway from Km.67+100 to Km.66+000 (RHS), and from Km.66+000 to Km.65+730 (LHS) through Open trench laying and HDD crossing at Km. 66+0000 across the National Highway on Hyderabad -Bangalore section of NH-44 in the State of Telangana-Reg.,

Ref: 1. PD, PIU Hyderabad letter no. NHAI/PIU-HYD/NH-44/AP-3/MB/2021/439, Dt 18.03.2021

The Project Director, PIU, NHAI, Hyderabad vide letter cited above has submitted and recommended the subject proposal for the approval of the Competent Authority.

2. The proposal has been examined as per Ministry's Guidelines vide letter no.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and is generally found in order.

3. In view of above, as per above Ministry's guidelines Para 4, public comments is hereby invited on the above proposal seeking claims and objections (on grounds of public inconvenience, safety and general public interest) within 30 days on public portal i.e. website of Ministry of Road Transport and Highways (www.morth.nic.in) in Form-A (copy enclosed) for "Accommodation of Public and Industrial Utility Services along and across National Highways".

Comment Inviting Authority

The Regional Officer,
National Highways Authority of India,
Regional Office: Hyderabad,
First Floor, New Building,
Administrative Staff College of India(ASCI),
College Park Campus, Road No.3,
Banjara Hills, Hyderabad - 500 034,
Telangana State,
Phone: 040-29562147, 040-29562148,
Email: rohyderabad@nhai.org, nhairohyd@gmail.com

Encls: Above Proposal

Yours faithfully,


(Keerthi Bharadwaj)

Deputy Manager (Tech)

For Regional Officer-cum-
Highway Administrator, Hyderabad

To:

1. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
 2. Shri S.Manivasagam, Dy. GM (IT), NHAI HQs, New Delhi for uploading on NHAI website.
- Copy to:-The Project Director, NHAI, PIU Hyderabad: for information

FORM-A

Form for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) on the application for Accommodation of Public and Industrial Utility Services along and across National Highways

Sub: NHAI - RO Hyderabad - PIU Hyderabad- Proposal for Permission for laying of Mission Bhagiratha Pipeline along National Highway from Km.67+100 to Km.66+000 (RHS), and from Km.66+000 to Km.65+730 (LHS) through Open trench laying and HDD crossing at Km. 66+0000 across the National Highway on Hyderabad -Bangalore section of NH-44 in the State of Telangana-**Reg.,**

The claims and objections (on grounds of public inconvenience, safety and general public interest) by the general public needs to be given within 30 days of uploading the online application for comments

Sl. No	Item	Details
1	Name of the person who is desiring to give claims and objections (on grounds of public inconvenience, safety and general public interest)	
2	Address of the person	
3	Details of the application for Accommodation of Public and Industrial Utility Services along and across National Highways against which claims and objections are being given (name of applicant and other details like site address etc.)	
	a) Application No.	
	b) Name of applicant (who applied to Accommodation of Public and Industrial Utility Services along and across National Highways)	
	c) Details of Application	
4	The claims and objections (on grounds of public inconvenience, safety and general public interest)	



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई - हैदराबाद / Project Implementation Unit - Hyderabad

आवास सं : 25A & 28A, भारत का प्रशासनिक स्टाफ कॉलेज,

कॉलेज पार्क कैम्पस, सड़क सं : 3, बंजारा हिल्स, हैदराबाद - 500 034, तेलंगाना

Qtr.No. 25A & 28A, Administrative Staff College of India (ASCI), College Park Campus, Road No.3, Banjara Hills, Hyderabad- 500 034, Telangana

Land Mark : Near TV9 Bus Stop

टेली / Tele : 040 - 29550558

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NHAI/PIU-HYD/NH-44/AP-3/ MB/2021/439

18.03.2021

To
The Regional Officer
National Highways Authority of India
Regional Office, First Floor, New Building,
Administrative Staff College of India (ASCI)
College Park Campus, Road No.3,
Banjara Hills, Hyderabad - 500034, Telangana



Handwritten signature and date:
22/3/2021

Sub: NHAI-PIU-HYD - 4 laning of Km. 34.1 (Farukhnagar) to Km. 80 (Jadcherla) and (II) Improvement, Operation and Maintenance of Km. 22.3 (Thondupalli) to Km. 34.1 (Farukhnagar) on NH-7 in the state of Andhra Pradesh under North-South Corridor (NHDP Phase-II) on Build, Operate and Transfer (BOT) basis- NS2/BOT/AP-3/- permission for laying of pipeline across the road by Mission Bhagiratha-proposal- Submitted for approval - Reg.

- Ref: 1. Dy. EE lr. no. Nil dated: 25.11.2020
2. This office mail dated: 04.12.2020
3. IE lr. no. AA/TL/AP03/NH-44/NHAI/2349/20-21/197 dated: 01.01.2021
4. PIU-Hyd lr. no. NHAI/PIU-HYD/Hyd-Bglr/NH-44/AP-3/MB/2021/30 dated: 06.01.2021
5. EE lr. no. AEE-2/MB Grid-D/MBNR/NHAI/2021 dated: 03.02.2021

Sir,

This has reference to the letter 1st cited, wherein Mission Bhagiratha Grid, Mahabubnagar division has submitted proposals for laying of water supply pipelines along NH-44 road boundary and across the road under the jurisdiction of NHAI and requested to accord permission. The same has been examined in this office and further sent to the IE to furnish a detailed report along with specific recommendation, vide this office mail ref. 2nd cited. The following documents have been submitted along with the proposal.

- Check list
- Methodology for laying of water supply pipeline on the NH land (utility corridor) by open trench method & by HDD method.
- License fee calculation for an amount of Rs. 3,00,300/-

Handwritten signature

Page 1 of 4

Devulanaiktanda to Rangareddyguda for a length of 1.430km - 140mm dia.

Total length= 1.430km=1430m

Utilized NH area =Width of trench*length = 0.7*1430 = 1001 sqm

As we know 1sqm=1.2sqyd

Total utilized area= 1001*1.2= 1201.2 sqyd

1sqyd rate= 1500/sqyd

License fee per month = (utilized NH area*circle rate)/ (10*12)

= (1201.2 * 1500) / (10*12) =15,015 INR

Total License fee per 5 years= (15015*60) = 9,00,900 INR

License fee for public utility = 1/3rd of 9,00,900/- = 3,00,300/-

iv. Bank Guarantee for an amount of Rs. 1,43,000/-

The diameter is < 300 mm, however, trench width is 700mm

Total length = 1430 m

Rate = Rs. 250 per m

BG Amount = Rs. 250*1430 = Rs. 3,57,500/-

v. Undertaking that they will furnish performance BG in favor of NHAI once the proposal is approved.

vi. Drawings

2. The Executive Engineer, Grid Mahabubnagar Division vide ref. 1st cited has further submitted the following Undertakings:

- i. Laying of water supply pipeline will not have any deleterious effects on any of the Bridge components and roadway safety for traffic.
- ii. For six lanning "we do undertake that we will relocate utilities at their own cost notwithstanding the permission granted within as will be stipulated by NHAI for future six laning or any other development".

- iii. Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.
 - iv. Renewal of bank guarantee.
 - v. Confirming all standard condition of NHAI guidelines.
 - vi. Shifting of water supply pipeline as and when required by NHAI at their own (Mission bhagiratha department) cost shifting due to 6 laning / widening of NH.
 - vii. Indemnity against all damages and claims Clause (xxiv).
 - viii. Traffic movement during laying of water supply pipeline to be managed by the applicant.
 - ix. If any claim is raised by the Concessionaire then the same has to be paid by the applicant.
 - x. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alteration to the showing water supply pipeline located in the National Highway right of ways.
 - xi. Expenditure, if any incurred by NHAI for repairing any damage caused to the NHAI by the laying maintenance or shifting of the water supply pipeline will be borne by the agency owning the line.
 - xii. If the NHAI consider it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within reasonable time (not exceeding 60 days) of the intimation given.
3. IE has inspected the site and checked the proposal as per MoRTH guidelines vide RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and recommended the proposal which are as under:
- (i) The proposed stretch falls from Km. 65+730 to Km. 67+100 and crossing at Km. 66+000 of the project highway.
 - (ii) In this stretch there is one pipe culvert and one minor bridge existing.
 - (iii) Crossing of pipeline is proposed at Km. 66+000 of Project stretch.
 - (iv) HDD method shall be adopted for laying of pipeline crossing.

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NHAI/PIU-HYD/NH-44/AP-3/ MB/2021/

18.03.2021

- (v) While laying the pipeline along the culvert and minor bridge locations, the depth of the pipe from GL should be 1.20 m below.
 - (vi) As per MoRTH guideline, the depth of pipeline shall be at least 1.2m from the ground level. But as per submitted drawing shows the depth below ground level shows only 0.86m. EE vide lr. cited at reference 5th communicate that they would lay the pipeline at a depth of 1.2m from the top of the sub grade.
4. Further, it is to submit that Performance Bank guarantee shall be obtained from applicant upon receipt of approval of Competent Authority. The Proposal is examined and found to be in order. Therefore, the proposal is herewith recommended for approval of the Competent Authority.


Encl: 1 No. of file

Yours faithfully,



18/3/21

(P. Nageswara Rao)
GM(T) & Project Director



Check List


Name of the Work: Laying Water pipe lines under Mission Bhageeratha in Rajapur mandal on NH-44 (Hyderabad-Bangalore Road) from Devulanaik tanda OHBR JN To Rangareddy guda Jn of Rajapur Mandal, Mahboobnagar District.


S.No.	Item	Information/status	Remarks
1	General Information	Proposal for Permission for laying of drinking water pipeline in the utility corridor/space along/crossing on NH-44: (1) Along NH-44 a) from 67.10 km to 66.00 km (Right side of increasing chainage) b) from 66.00 km to 65.73 km (Left side of increasing chainage)	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, MB Grid Division, Mahabubnagar, Mission bhagiratha Dept, Govt of Telangana	
1.2	National Highway Number	NH-44	
1.3	State	Telangana	
1.4	Location	(Hyderabad to Bangalore Road) (Jadcherla Mandal) Along the NH 44 a) From Devulanaik tanda 60 kl mission bhagiratha water tank to Rangareddy guda Jn b) From Rangareddy guda Jn to rangareddy guda railway road.	1 road crossing
1.5	(Chainage in Km)	(1) Along NH-44 a) from 67.10 km to 66.00 km (Right side of increasing chainage) b) from 66.00 km to 65.73 km (Left side of increasing chainage)	
1.6	Length in Meters	(1) A) Along Road : 0.27 km (Leftside) (2) B) Along Road 1.1 km (Rightside)	
1.7	Width of available ROW		
(a)	Left side from center line towards increasing chainage / km Direction	30 M	
(b)	Right side from center line towards chainage/km direction	30 M	

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1.8	Proposal to lay underground water supply pipe line	Drinking water supply to villages under mission bhagiratha scheme	
	ALONG ROAD		
(a)	Left side from center line towards increasing chainage / km Direction	As per Drawing	
(b)	Right side from center line towards chainage/km direction	As per Drawing	
1.9	Proposal to acquire land		
(a)	left side from center line	NA	
(b)	Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the water pipeline		
1.11	Details of already laid services, if any, along the proposed route	Existing Drinking Water Pipeline on Rightside of increasing chainage	
1.12	Number of lanes(2/4 6/8 lanes) existing	2/4	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 6/8 lanes)	2/4	
1.14	Service road existing or not if yes then which side	NO	
(a)	left side from center line	from 66.00 km to 65.73 km	
(b)	Right side from center line	from 67.10 km to 66.00 km	
1.15	Proposed Service Road		
(a)	Left side from center line	NA	
(b)	Right side from center line	NA	
1.16	Whether proposal to lay Water Supply Pipe line is after the service road or between the service road carriageway	In utility corridor, after the service road	
1.17	The permission for laying of Water Supply Pipe Line shall be considered for approval / rejection Ministry Circulars Mentioned as above		
(a)	Carrying of Sewage/gas pipelines on highway bridges shall not be permitted as Furnies / gases pipes accelerate the process of corrosion or ma explosions, thus, being much more injurious of water	NA	


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(b)	Carring of water pipe lines on bridges shall discouraged. However, if the water supply seem to have no other viable alternative and the highway authority well in time before the bridge is finalized, they may be permitted to pipeline on independent superstructure, extended portions of piers and abutments in manner that in the final arrangement enourhg around the superstructure of the bridge for inspection and repairs, etc.	NA	
(c)	Cost of required extension of the as that of the suporting superstructure shall the agency-in-charge of the utilities.	NA	
(d)	Services are not being allowed parapet/any part of the bridges, Safety of the to be keptin view while permitting various bridge. Approvals are to be accorded in this the consurrence of the Ministry's Project Engineers only	NA	
1.18	If crossings of the road involved If Yes, it shall be either encased in pipes or structure or conduits specially built for that expenses of the agency owning the line	NO	
(a)	Existing drainage structures shall not be allowed to carry the lines	No existing drainage system	
(b)	Is it on a line normal to NH	Yes	
(c)	Crossings shall not be too near the existing structures on the National Highway, the distance being 15 meter. What is the distance from the existing structures	NA	
(d)	The casing pipe (or conduit pipe in the case electric cable) carrying the utility line shall cast iron, or reinforced cement concrete adequate strength and be large enough to ready withdrqwal of the carrier pipe/cable	Yes	
(e)	Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as path.	Yes	

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(f)	(f) The Casing/conduit pipe should, as extend from drain to drain in cuts and toe of slope in the fills	Yes	
(g)	The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road being at least 0.3 m below the drain	Yes	
(h)	Crossing shall be by boring method (HDD) specially where the existing road pavement is cement concrete or dense bituminous	Yes	
(i)	The casing/conduit pipe shall be installed on even bearing throughout its length and in a manner as to prevent the formation of a water way along it.	Yes	
2	Document Drawings enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep x 0.7m wide)	Yes	
(i)	Should not be greater than 60 Cm wider than diameter of the pipe	Yes	
(ii)	Located as close to the extreme edge of the road as possible but not less than 15 meter from center-lines of the nearest carriageway	Yes	
(iii)	Shall not be permitted to run along the Highways when the road formation is situated cutting. Nor shall these be laid over the road bridges.	NA	
(iv)	These should be so laid that their top is at 0.6 meter below the ground level so as not to affect drainage of the road land.	Yes	
2.2	Cross section showing the size of pit and location of Water Pipeline for HDD method	YES (Enclosed)	
2.3	Strip plan/Route Plan showing Water Supply pipe line, Chainage, Width of RoW, distance of from the edge of ROW, important mile stone intersections, cross drainage work etc.	Strip plan (Enclosed)	
2.4	Methodology for laying of showing Water Supply pipe line		

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2.4.1	Open trenching method.(May be allowed in utility corridor only where pavement is neither nor dense bituminous concrete type. If yes of refilling of trench	Yes	
(a)	The trench width should be at least 30 cm, more than 4cm wider than the outer pipe.	Yes	
(b)	For filling of the trench, Bedding shall be to a not less than 30cm. It shall consist of free of lumps, clods and cobbles and graded firm surface without sudden change in the Unsuitable soil and rock edges should be replaced by selected material	Yes	
(c)	The backfill shall be completed in two stages (i) fill to the level of the top of the pipe and (ii) bottom of the road crust.	Yes	
(d)	The backfill shall consist of granular material in layers each consolidated by mechanical and controlled addition of moisture to 95 % of Proctor's Density. Overfill shall be compacted same density as the material that had been consolidation by saturation or ponding will not permitted.	Yes	
(e)	(e) The road crust shall be built to the same as the existing crust on either side of the trench be taken to avoid the formation of a dip at the	Yes	
(f)	(f) The excavation shall be protected by and barriers, and red lights during night.	Yes	
(g)	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Laying of Water Supply Pipe line through CD works and method of laying.	NA	


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	(a) On approaches, the water mains/Cables carried along a line as close to the edge of way as possible up to a distance of 30m from and subject to all other stipulations contained Ministry's guidelines issued with letter No. NH dated 19.11.1976.	NA	
3	Draft License Agreement signed by two witnesses.	Enclosed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs50/- per running meter NH) and Rs1,00,000/- per crossing of NH, of one year initially (extendable if required satisfactory completion of work) as a ensuring/making good the excavated trench the cables/ducts by proper filling and clearing debris/loose earth produced due to trenching at least 50m away from the right of way. No payment shall be payable NHAI to the licensee for clearing.	Yes (undertaking is given that once the proposal is approved the BG will be furnished)	
4.1	Performance BG as per above is to be obtained.	Under taking is under submission on Rs 100 non judicial bond paper	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Under taking is under submission on Rs 100 non judicial bond paper	
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned.	Yes Undertaking given	
5.2	Renewal of Bank Guarantee	Yes Undertaking given	
5.3	Confirming all standard condition of NHAI's guideline	Yes Undertaking given	
5.4	Shifting of Water Supply pipe line as and when required NHAI at their own cost	Yes Undertaking given	
5.5	Shifting due to Laying / widening of NH	Yes Undertaking given	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes Undertaking given	
5.7	Traffic movement during laying of Water Supply pipe line to be Managed by the applicant	Yes Undertaking given	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes Undertaking given	

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5.9	Prior approval of the NHAI shall be obtained before Undertaking any work of installation, shifting alterations to the showing Water Supply pipe in the National highway right-of-ways	Yes Undertaking given	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by maintenance or shifting of the Water Supply borne by the agency owning the line	Yes Undertaking given	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or road, it will be carried out as desired by the cost of the agency owning the utility line within reasonable time (not exceeding 60 days) of the intimation given	Yes Undertaking given	
5.12	Certificate from the applicant in the following		
(i)	(i) Laying of Water Supply pipe line will not deleterious effects on any of the bridge and roadway safety for traffic.	Yes Undertaking given	
(ii)	(ii) To - 6- lanning "We do undertake that I will service road/approach road/utilities at my notwithstanding the permission granted with in as will be stipulated by NHAI" for future six any other development	Yes Undertaking given	
6	Who will sign the agreement on behalf of Water Supply pipe line agency.	Executive Engineer, MB Grid Division, Mahabubnagar on behalf of Engineer in Chief, Mission bhagiratha department.	
7	Certificate from the Project Director		

11-4-
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7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No.(58)/68 dated 31.1.1969, Ministry Circular No.P/66/76 DATED 18/19.11.1976 , Ministry RW/NH-III/P 66/76dated 11.5.1982, Minister RW/NH- 11037/1/86-DOI(ii) DATED 28.7.1993, Circular No.rw/nh-11037/1/86/DOI dated Ministry Circular No.RW/NH-34066/2/95/25.10.19999 and Ministry Circular No RW/NH-34066/7/2003 S&R (B) dated 17.9.2003 (yes/No).	YES	
7.2	Certificate from PD in the following format		
(i)	(i) "It is certified that any other location of Water Supply pipe line would be extremely and unreasonable costly and the Water Supply pipe line within ROW will not adversely affect the design, stability & of the highway nor the likely future (Yes/No) Such as widening of the carriageway curve etc."	YES	
(ii)	for 6 - laning		
(a)	(a) Where feasibility is available "I do Certify be no hindrance to proposed six laning based feasibility report considering proposed said location"	NA	
(b)	(b) In case feasibility report is not available " I that sufficient ROW is available at site for accommodating proposed six - laning".	NA	
8	If NH section proposed to be taken up by NHAI on BOT basis - 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 right of way to the concessionaire under the agreement	NA	
9	Who will supervise the work of laying of Water Supply Pipe line	i. NHAI / Independent Engineer	
		ii.Mission bhagiratha Dept. - Executive Engineer	

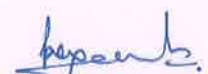
**EXECUTIVE ENGINEER
MB GRID DIVISION,
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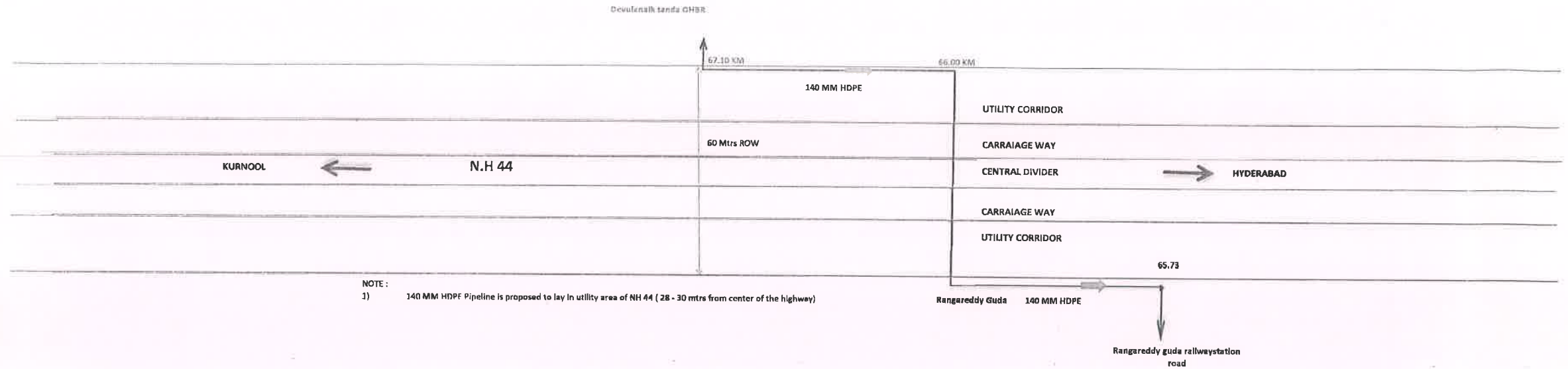
10	Who will ensure that defects in road portion after laying of Water Supply pipe line are corrected and if not corrected then what action will be taken.	The Executive Engineer, MB Grid Division - Mahabubnagar, Mahabubnagar district. If the Defects are not corrected NHA will encash the amount from AD/BG.	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionair.	The Executive Engineer, MB Grid Division - Mahabubnagar, Mahabubnagar district	
12	A certificate from PD that he will enter the proposed permission in the register of records of the prescribed proforma (copy enclosed)	Yes	
13	If any previous approval is accorded for laying of underground water supply pipe line then register of records of permissions accorded maintained by PD then copy be enclosed	NO	



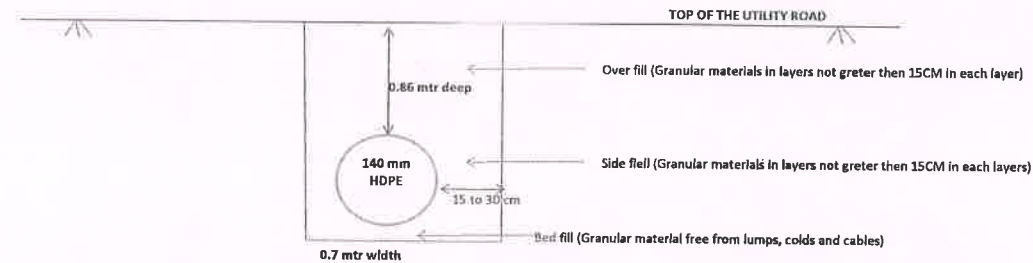
Executive Engineer
MB Grid - Division, Mahabubnagar


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LAYOUT SHOWING PROVIDING MISSION BHAGEERATHA - DRINKING WATER PIPE LINE ON NATIONAL HIGHWAY 44 FROM RANGAREDDY GUDA(V) TO DEVULANAİK TANDA (V) OF RAJAPUR (M)



S.NO	ALONG THE ROAD		DIA	LENTTH
	From	To		
4	Devulanaik tand (67.1 KM)	Rangareddy guda(66.00 KM)	140 mm HDPE	1.1 KM
5	Rangareddy guda(66.00)	Rangareddy guda(65.73 KM)	140 mm HDPE	0.27 KM



Sanjay
AEE, MB Grid
SD - Tadchela

Sanjay
DBE / MB Grid / SD - Tadchela

M. A.
EXECUTIVE ENGINEER
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