



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

### क्षेत्रीय कार्यालय - हैदराबाद

डो. नं. ८-२-२६९/एस/९४, तीसरी और चौथी मंजिल, प्लॉट नंबर ९४, रोड नं.२, सागर सोसाइटी, बंजारा हिल्स, हैदराबाद-५०००३४, तेलंगाना.

### REGIONAL OFFICE - HYDERABAD

D.No. 8-2-269/S/94, 3<sup>rd</sup> & 4<sup>th</sup> Floors, Plot No.94, Road No.2, Sagar Society, Banjara Hills, Hyderabad-500034, Telangana.

टेली / Tele : 040 - 29562147 / 48 ई-मेल / Email: rohyderabad@nhai.org / nhairohyd@gmail.com



#### Notice Inviting Public Comments

NHAI/RO-HYD/25011/1/75/2025/Utility/1644

Dt. 17.09.2025

विषय: भा.रा.रा.प्रा- क्षेत्रीय कार्यालय, हैदराबाद - प.का.इ हैदराबाद - Four laning of NH-163 from Hyderabad [ORR Appa Junction Design Km.14+000 (Existing Km 14+000)] to Manneguda [Design Km 60+405 (Existing Km.59+500)] [Design Length = 46+405kms] in the State of Telangana under NH(O) on HAM - Permission for laying of Water Supply Pipeline of 160mm dia along NH-163 from Km.47+100 to Km.55+500 on RHS for a length of 8400m passing through Damergidda, Aloor-I, Naincheru, Aloor-II and Aloor-III, Kistapur & Anantharam Villages of Chevella (M), Ranga Reddy District.

Ref: PIU-Hyderabad Ir.no.NHAI/ PIU-HYD/NH-163/HYD-MNG/A.P/Km.47.100 to 55.500/ 2025-26/834, dated 18.08.2025 (received on 01.09.2025).

The Project Director, NHAI vide letter cited above has recommended the proposal of Mission Bhagiratha Department, Grid Division, Vikarabad, for laying of Water supply pipeline of 160mm dia along NH-163 from Km.47+100 to 55+500 on RHS for a length of 8400m Damergidda, Aloor-I, Naincheru, Aloor-II and Aloor-III, Kistapur & Anantharam Villages of Chevella (M), Ranga Reddy District on Hyderabad - Manneguda Section of NH-163 in the State of Telangana.

2. As per para 4 of the Ministry's guidelines no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, 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,  
No.8-2-269/S/94, Plot No.94, 3<sup>rd</sup> & 4<sup>th</sup> Floor,  
Sagar Society, Road No.2,  
Banjara Hills, Hyderabad - 500 034, Telangana State,  
Phone: 040-29562147, 040-29562148,  
Email: rohyderabad@nhai.org, nhairohyd@gmail.com

Encls: Above Proposal

  
(T.Sailaja)

Dy.General 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, GM (IT), NHAI HQs, New Delhi for uploading on NHAI website.

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

**विषय:भा.रा.रा.प्रा- क्षेत्रीय कार्यालय, हैदराबाद – प.का.इ हैदराबाद - Permission for laying of Water Supply Pipeline of 160mm dia along NH-163 from Km.47+100 to Km.55+500 on RHS for a length of 8400m passing through Damergidda, Aloor-I, Naincheru, Aloor-II and Aloor-III, Kistapur & Anantharam Villages of Chevella (M), Ranga Reddy District on Hyderabad - Manneguda Section of NH-163 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.) |         |
|        | p) Application No.   |         |
|        | q) Name of applicant (who applied to Accommodation of Public and Industrial Utility Services along and across National Highways)   |         |
|        | r) 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, भारत सरकार)  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
(Ministry of Road Transport & Highways, Government of India)



**परियोजना कार्यान्वयन इकाई - हैदराबाद**  
डी.नं.8-2-269/एस/94, प्लॉट नंबर. 94, पहली मंजिल, रोड नंबर. 2, सागर सोसायटी, बंजारा हिल्स, हैदराबाद-500034, तेलंगाना

**PROJECT IMPLEMENTATION UNIT - HYDERABAD**

D.NO.8-2-269/S/94, Plot No.94, 1st Floor, Road No.2, Sagar Society, Banjara Hills, Hyderabad - 500034. Telangana  
टेली Tel : 040 - 29550558 ई-मेल Email: nhaihyd@gmail.com; hyd@nhai.org,

NHAI/PIU-HYD/NH-163/HYD-MNG/A.P/Km.47.100 to 55.500/2025-26/1834 Date: 18.08.2025

To  
The Regional Officer  
National Highways Authority of India  
Plot No:94, 3<sup>rd</sup> Floor, Sagar Society,  
Road no:2, Banjara Hills,  
Hyderabad - 500034, Telangana.

Sub: **NHAI, PIU-Hyderabad** - Four laning of NH-163 from Hyderabad [ORR Appa Junction Design Km 14+000 (Existing Km 14+000)] to Manneguda [Design Km 60+405 (Existing Km 59.500)] [Design Length = 46+405 Kms] in the State of Telangana under NH(O) on Hybrid Annuity Mode. Grant of permission for laying of water pipeline along utility corridor of NH-163 from Hyderabad to Manneguda section from Km. 47/100 to 55/500 at Chevella Mandal, Ranga Reddy District-Approval Requested-Reg.

**Reference:**

1. MoRT&H guideline No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. MB Grid Division, Vikarabad letter No. AEE1/MB/DIV/VKB/NH163/2025/181 dated 02.05.2025.
3. NHAI/PIU-HYD/NH-163/Hyd-MNG/Km.47/100 to 55/500(RHS)/2025/495 dated 15.05.2025.
4. Independent Engineer letter no. LNM/APPA/TL/Mdb/2025-26/175 dated 26.05.2025.
5. Concessionaire letter no. MEIL/SPV/NHAI/TS/Hyd-Manneguda/Site/2025-26/186 dated 12.06.2025.
6. NHAI/PIU-HYD/NH-163/Hyd-MNG/Km.47/100 to 55/500(RHS)/2025-26/612 dated 13.06.2025.
7. MB Grid Division, Vikarabad letter No. AEE1/MB/DIV/VKB/NH-163/2025 dated 17.07.2025.

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Sir,

This has reference to the proposal of applicant M/s. Mission Bhagirata Grid Division, Vikarabad for laying of water Pipeline along the road at the NH-163 from the Km. 47.100 to 55.500 (RHS for the length of 8400m at the edge of ROW.

2. Cross section of proposed excavation trench method and water pipeline is enclosed with the proposal. Accordingly, license fees and Bank guarantee calculations as per MoRTH circular dated 17.04.2023 are enclosed. The receipt of license fee for an amount of Rs. Rs.5,35,173/- (on Bharatkosh portal vide transaction ref. no. 0707250014319 dated: 07.07.2025) and Bank Guarantee of Rs. Rs.8,40,000/- (Bank guarantee no. 0192125BG0B00236 dated 17.07.2025) along with its confirmation are enclosed herewith.

3. In addition to the above, following documents are enclosed with the proposal as per MoRTH guidelines.

*[Signature]*

- i. Check list
- ii. Plan of proposed water pipeline on NH along the road
- iii. Methodology for laying of water pipeline on the NH land (utility corridor) by trench method.
- iv. Indemnity bond
- v. Undertakings
- vi. Draft license Agreement
- vii. Drawings
- viii. Power of Attorney

The above documents checked and generally found in the order.

4. The site has been inspected and IE vide letter no.175 dated 26.05.2025 recommended the proposal.

5. In view of the above, the proposal is herewith recommended to accord access permission to the proposed for laying of water pipeline along utility corridor of NH-163 from Hyderabad to Manneguda section from Km. 47/100 to 55/500 at Chevella Mandal, Ranga Reddy District.

Encl: 1 No. of file

Yours faithfully,

  
18/8/25

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

**OFFICE OF THE EXECUTIVE ENGINEER  
MB GRID DIVISION VIKARABAD**

DGM (T)  
Manager (T)  
AM (F) / LAC / SE

From,  
**Ch.Chalma Reddy, M.Tech.,**  
Executive Engineer,  
MB Grid Division, Vikarabad



To, **The Project Director,**  
NHAI, PIU, Hyderabad.

**Lr. No: AEE1/MB/DIV/VKB/NH163 /2025 Dt:02-05-2025**

**Sir,**

**Sub:** MB Grid Division – Vikarabad – Granting of permission for laying of pipeline along utility corridor of NH-163 from Hyderabad to Manneguda from Chainage 47/100 kms to 55/500 kms of Chevella (M) Ranga Reddy District – Requested - Regarding.

>>>%%<<<

Vide reference subject cited, it is requested to grant permission for laying of pipeline along utility corridor of NH-163 from Hyderabad to Manneguda from Chainage 47/100 kms to 55/500 kms of Chevella (M) Ranga Reddy District.

In continuation to above, I am herewith enclosing the below documents:-

1. Checklist
2. Indemnity Bond against all damages and claims
3. Agreement regarding granting of right of way permission
4. Annexure
5. Undertaking
6. Methodology of Laying pipeline
7. Drawings

Hence, request you to kindly grant permission for laying waterpipe line within ROW area of NHAI.

Thanking You

**Encl:** AS above

**Yours faithfully,**

**Executive Engineer**

**MB Grid Division Hyderabad**

Copy Submitted to CE-IX, MB Hyderabad for favour of information.

Copy Submitted to The Superintending Engineer, MB Circle Hyderabad for favour of information.





## **NHAI PERMISSION**

**Laying Water Supply Pipe Line On the**  
**National Highway Land NH-163 By**  
**open Trench Method**

**Chainage From KM 47/10 to 55/50 KM**

**Check List**  
**Laying of Pipelines along NH-163 Road Hyderabad to Manneguda (Chainage from Km 47/10 to 55/50 Km)**

**Relevant Circulars**

- 1) Ministry circular No. NH-41 (58)/68 dated 31.01.1969
- 2) Ministry circular No. NH-III/P/66/76 dated 18/19.11.1976
- 3) Ministry circular No. RW/ NH-III/P/66/76 dated 11.05.1982
- 4) Ministry circular No. RW/ NH-11037/1/86- DOI (ii) dated 28.07.1993
- 5) Ministry circular No. RW/ NH-11037/1/86- DOI dated 19.01.1995
- 6) Ministry circular No. RW/ NH-34066/2/95/S & R dated 25.10.1999
- 7) Ministry circular No. RW/NH-34066/7/2003 S & R (B) dated 17.9.2003
- 8) Ministry circular No. RW/NH-33044/27/2005/ S & R (Pt.) dated 06.08.2013
- 9) Ministry circular No. RW/NH-33044/29/2005/ S & R (Pt.) dated 22.11.2016

**Check List for getting approval for laying water Supply pipe line on NH land**

| SI No. | Item  | Information/status  | Remarks |
|--------|---|---|---------|
| 1      | General Information   | Proposal for permission for laying of drinking water pipe line in the utility corridor / space along / crossing NH 163 Chainage from 47/100 to 55/50 Km |         |
| 1.1    | Name and Address of the Applicant/Agency                              | Rural water supply & sanitation department Govt of Telangana  |         |
| 1.2    | National Highway Number   | NH 163  |         |
| 1.3    | State   | Telangana   |         |
| 1.4    | Location  | Hyderabad to Manneguda (Chainage from Km 47/10 to 55/50 Km) Chevella Mandal, Rangareddy Dist  |         |
| 1.5    | (Chainage in Km)  | Km 47/10 to 55/50 Km  |         |
| 1.6    | Length in Meters  | 8400  |         |
| 1.7    | Width of available ROW  |   |         |
| (a)    | Left side from center line towards increasing chainage / km Direction |   |         |
| (b)    | Right side from center line towards chainage/km direction             | Km 47/10 to 55/50 Km  |         |
| 1.8    | Proposal to lay underground water supply pipe line                    |   |         |
| (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 | NA  |         |
|        | If not then where to lay the cable                                    | NA  |         |
| 1.11   | Details of already laid services, if any, along the proposed route    | NA  |         |
| 1.12   | Number of lanes(2/4 6/8 lanes) existing                               | 4 lanes   |         |
| 1.13   | Proposed Number of lanes (2 lane with paved shoulders/4 6/8 lanes)    | 4 lanes   |         |
| 1.14   | Service road existing or not  | No  |         |
|        | if yes then which side  |   |         |
| (a)    | left side from center line  | NA  |         |
| (b)    | Right side from center line   | NA  |         |

| SI No. | Item  | Information/status      | Remarks |
|--------|---|-------------------------|---------|
| 1.15   | Proposed Service Road   |                         |         |
| (a)    | Left side from center line  | NA                      |         |
| (b)    | Right side from center line   |                         |         |
| 1.16   | Whether proposal to lay Water Supply Pipe line is after the service road or between the service road carriageway  | In the Utility Corridor |         |
| 1.17   | The permission for laying of Water Supply Pipe Line shall be considered for approval / rejection based on the Ministry Circulars Mentioned as above.  | Yes                     |         |
| (a)    | Carrying of Sewage/gas pipelines on highway bridges shall not be permitted as Furmes / gases pipes accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water   | NA                      |         |
| (b)    | Carrying of water pipe lines on bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs, etc. | Yes                     |         |
| (c)    | Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.  | Yes                     |         |
| (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 <b>Ministry's Project Chief Engineers only</b>   | Yes                     |         |
| 1.18   | <b>If crossings of the road involved</b><br>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                      |         |
| (a)    | Existing drainage structures shall not be allowed to carry the lines  | NA                      |         |
| (b)    | Is it on a line normal to <b>NH</b>   | NA                      |         |
| (c)    | Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures   | NA                      |         |
| (d)    | The casing pipe (or conduit pipe in the case electric cable) carrying the utility line shall be of the steel, I cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.   | NA                      |         |
| (e)    | Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.   | NA                      |         |



| SI No. | Item   | Information/status | Remarks |
|--------|--|--------------------|---------|
| (f)    | (f) The Casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of the slope in the fills   | NA                 |         |
| (g)    | The top pf the casing/conduit pipe should be least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts   | NA                 |         |
| (h)    | Crossing shall be by boring method (HDD) specially where the existing road pavement cement concrete or dense bituminous concrete type  | NA                 |         |
| (i)    | The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a mannner as to prevent the formation of a waterway along it.  | NA                 |         |
| 2      | Document/Drawings enclosed with the proposal   | 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)  | Yes                |         |
| (i)    | Should not be greater than 60 Cm wider than the outer diameter of the pipe   |                    |         |
| (ii)   | Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from centre-lines of the nearest carriageway   |                    |         |
| (iii)  | Shall not be permitted to run along the 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 0.6 meter below the ground level so as not to obstruct drainage of the road land.   |                    |         |
| 2.2    | Cross section showing the size of pit and location of pipe for HDD method  | NA                 |         |
| 2.3    | Strip plan/Route Plan showing Waer Supply pipe line, Chainage, Width of RoW, distance of proposed,cable from the edge of ROW, important mile stone intersections, cross drainage work etc.   | Enclosed           |         |
| 2.4    | Methodology for laying of showing Water Supply pipe line   | Enclosed           |         |
| 2.4.1  | Open trenching method.( May be allowed in utility corridor only where pavement is neither cement concrete type nor dense bituminous concrete type. If yes,Methodology of of refilling of trench  | Yes                |         |
| (a)    | The trench width should be at least 30 cm, but not more than 60cm wider than the outer diameter of the pipe.   | Yes                |         |
| (b)    | For filling of the trench, Bedding shall Not be less than 30cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yeild a firm surface without sudden change in the bearing value Unsuitable soil and rock edged should be excavated and replaced by selected material . | Yes                |         |

| SI No. | Item  | Information/status                         | Remarks  |
|--------|---|--|--|
| (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.  | Yes  |  |
| (d)    | The sidefill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95 % of the Proctor's Density. Overfill shall be compacted same density as the material that had been removed. consolidation by saturation or ponding will not be permitted.   | Yes  |  |
| (e)    | (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  | NA   |  |
| (f)    | (f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.  | Yes , we provide flagman at work           |  |
| (g)    | (g) If required, a diversion shall be constructed at the expense of agency owning the utility line.   | Yes, we bear the cost of diversion charges |  |
| 2.4.2  | Horizontal Directional Drilling (HDD) Method.   | NA   |  |
| 2.4.3  | Laying of Water Supply Pipe line through CD works and method of laying.   | NA   |  |
| (a)    | (a) On approaches, the water mains/Cables shall be carried along a line as close to the edge of the Right-of-way as possible up-to a distance of 30m from and subject to all other stipulations contained in this Ministry's guidelines issued with letter No.NH-HI/P/66/76 dated 19.11.1976.   | Yes  |  |
| 3      | Draft License Agreement signed by two witnesses.  |  |  |
| 4      | Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs100/- per running meter (Parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable NHAI to the licensee for clearing debris/ loose earth. |  | As shall be shall be paid after receiving demand notice And the same shall be submitted as required. |
| 4.1    | Performance BG as per above is to be obtained.  |  |  |
| 4.2    | Confirmation of BG has been obtained as per NHAI guidelines.  |  |  |

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(5.6)

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| SI No. | Item  | Information/status                             | Remarks |
|--------|---|--|---------|
| 5      | <b>Affidavit / Undertaking from the Applicant for</b>   |  |         |
| 5.1    | Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.  | yes  |         |
| 5.2    | Renewal of Bank Guarantee   | yes  |         |
| 5.3    | Confirming all standard condition of NHAI 's guideline  | yes  |         |
| 5.4    | Shifting of Water Supply pipe line as and when required NHAI at their own cost  | yes  |         |
| 5.5    | Shifting due to 6 lanning / widening of NH  | yes  |         |
| 5.6    | Indemnity against all damages and claims clause (xxiv)  | yes  |         |
| 5.7    | Traffic movement during laying of Water Supply pipe line to be Managed by the applicant   | yes  |         |
| 5.8    | If any claim is raised by the concessionaire then the same has to be paid by the applicant.   | yes  |         |
| 5.9    | Prior approval of the NHAI shall be obtained before Undertaking any work of installation, shifting or repairs or alterations to the showing Water Supply pipe line loacted in the National highway right-of-ways  | yes  |         |
| 5.10   | Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying maintenance or shifting of the Water Supply pipeline will be borne by the agency owning the line  | yes  |         |
| 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 NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given   | yes  |         |
| 5.12   | Certificate from the applicant in the following format (i) Laying of Water Supply pipe line will not have deleterious effects on any of the bridge components and roadway safety for traffic. (ii) for 6 - lanning " we do undertake that I will relocate service road / approach road/utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI" for future six - fanning or any other development". | yes enclosed                                   |         |
| 6      | Who will sign the agreement on behalf of Water Supply pipe line agency.   | Executive Engineer, MB Grid Division Vikarabad |         |
| 7      | Certificate from the Project Director   |  |         |
| 7.1    | Certificate for confirming of all standared condition issued vide Ministry Circular No.RW/NH-33044/27/2005/S&R (Pt.) (R) dated 06.08.2013 .   | Yes  |         |

4/2  
(S.E)



  
P.D

PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PROJECT IMPLEMENTATION UNIT  
HYDERABAD - 500 034.

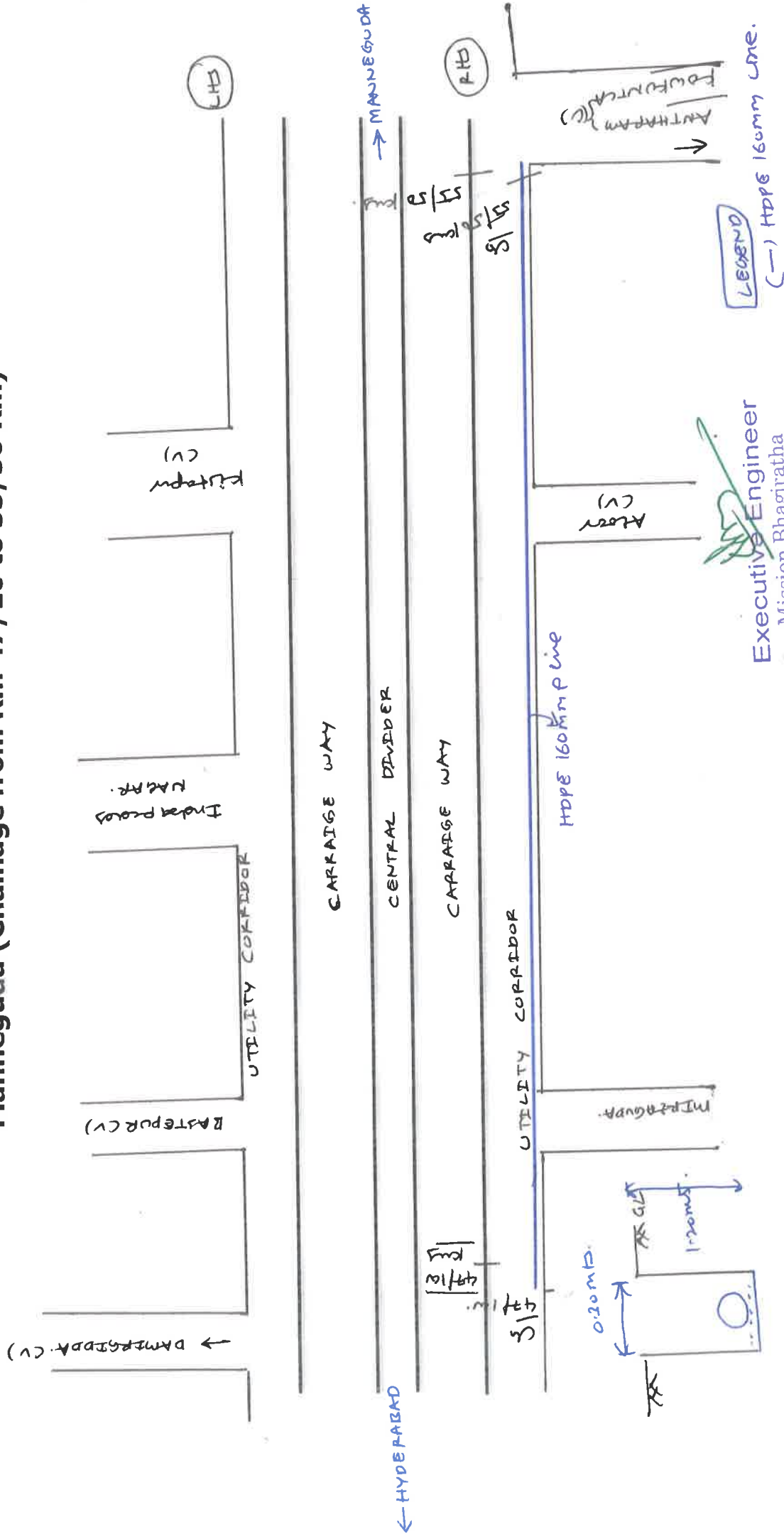
| SI No. | Item  | Information/status                             | Remarks |
|--------|---|--|---------|
| 7.2    | <p>Certificate from PD in the following format<br/>(i) "It is certified that any other location of Water Supply pipe line would be extremely and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvements Such as widening of the carriageway curve,easing of curve etc."<br/>for 4/6 - lanning<br/>(a) Where feasibility is available "I do Certifythat there will be no hindrance to proposed six laning based feasibility report considering proposed structure at the said location"<br/>(b) In case feasibility report is not available " I do certify that sufficient ROW is available at site for accommodating proposed six -laning".</p> | yes  |         |
| 8      | <p>If NH section proposed to be taken up by NHA1 on BOT basis - a clause is to be inserted in the agreement "The permitted Highway on which licensee has been granted as a right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [ .....section from KM ..... to KM .....of NH No..... on build,operate and transfer basis and therefore,the licensee shall honour the same"</p>   | Yes  |         |
| 9      | Who will supervise the work of laying of Water Supply Pipe line   | Mission Bhagiratha Department                  |         |
| 10     | Who will ensure that defects in road portion after laying of Water Supply pipe line are correctd and if not corrected then what action will be taken.   | Mission Bhagiratha Department                  |         |
| 11     | Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionair.   | Executive Engineer, MB Grid Division Vikarabad |         |
| 12     | A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)   | Yes  |         |
| 13     | If any previous approval is accorded for laying of underground water supply pipe line then photocopy of register of records of permissions accorded maintained by PD then copy be enclosed  | No such permission is accorded                 |         |

Executive Engineer,  
MB Grid Division Vikarabad  
**Executive Engineer**  
Mission Bhagiratha  
Grid-Division-Vikarabad

*[Signature]*  
P.D

**PROJECT DIRECTOR**  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PROJECT IMPLEMENTATION UNIT  
HYDERABAD - 500 034.

# Schematic Layout for Laying of Pipelines along NH-163 Road Hyderabad to Manneguda (Chainage from Km 47/10 to 55/50 Km)





# SCHEMATIC DIAGRAM OF PIPELINE / NH 162

+47100 E +55/50



Executive Engineer  
Mission Bhagiratha  
Grid-Division-Vikarabad

pipe - 160mm HDPE