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. 8-2-269/S/94, प्लॉट नंबर 94, रोड नं.2, सागर सोसाइटी, बंजारा हिल्स, हैदराबाद - 500034, तेलंगाना
REGIONAL OFFICE - HYDERABAD
D.No. 8-2-269/S/94, 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

सत्यमेव जयते

भा रा रा प्रा NHAI

Notice Inviting Public Comments

NHAI/RO-HYD/25011/3/42/2024/Utility/1399 Dt.22.10.2024

विषय: भा.रा.रा.प्रा- क्षेत्रीय कार्यालय, हैदराबाद – प.का.इ कामारेड्डी - Grant of No Objection Certificate for laying of water pipe line across NH at Km.470+600 by Hydraulic Jack pushing method with 800mm dia casing pipe and 300mm dia on Nagpur-Hyderabad section of NH-44 in the state of Telangana - Reg.

Ref: 1. PIU Lr.no. NHAI/PIU-KMR/NH-44/Waterpipeline/Utility/2024/1218, dated 10.10.2024

The Project Director, NHAI vide letter cited above has recommended the Proposal of M/s. Hyderabad Metropolitan Water Supply & Sewerage Board regarding laying of water Pipeline across NH-44 at Km.470+600 near KV Reddy colony, towards Gundla Pochanpalli (LHS to RHS) on Nagpur-Hyderabad section of NH-44 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,
D.No. 8-2-269/S/94, Plot No.94
Road No.2, Sagar Society,
Banjara Hills, Hyderabad - 500 034,
Telangana State,
Phone: 040-29562147, 040-29562148,
Email: rohyderabad@nhai.org, nhairohyd@gmail.com

Encls: Above Proposal

भीमसेनारेड्डी
(जी.वि. भीमसेना रेड्डी)
उप महाप्रबंधक (तक.)
कृते क्षेत्रीय अधिकारी – एवं -
राजमार्ग प्रशासक, हैदराबाद

To:
1. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website. (Through email: mansoor@nic.in)
2. Shri S.Manivasagam, Dy. GM (IT), NHAI HQs, New Delhi for uploading on NHAI website.

Copy to:- The PD, PIU Kamareddy: 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

विषय:भा.रा.रा.प्रा- क्षेत्रीय कार्यालय, हैदराबाद – प.का.इ कामारेड्डी - Grant of No Objection Certificate for laying of water pipe line across NH at Km.470+600 by Hydraulic Jack pushing method with 800mm dia casing pipe and 300mm dia on Nagpur-Hyderabad 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, भारत सरकार)
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road Transport & Highways, Government of india)
PROJECT IMPLEMENTATION UNIT, KAMAREDDY
H.NO. 3-78/4, SECOND FLOOR, NEAR ESSAR PETROL PUMP, OLD NH-7 ROAD, KAMAREDDY, KAMAREDDY DISTRICT-503110, TELANGANA
Phone No : 08468 293488, **E-mail :** piukamareddy@nhai.org / piukamareddy@gmail.com

सत्यमेव जयते

NHAI/PIU-KMR/NH-44/WaterPipeline/Utility/2024/1218 Date: 10.10.2024

To
The Regional Officer
National Highways Authority of India
Regional Office
Hyderabad.

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India RECEIVED 18 OCT 2024 7256 Regional Office, Hyderabad. क्षेत्रिय कार्यालय, हैदराबाद

Sub: NHAI, PIU, Kamareddy - Grant of No Objection Certificate for carrying out laying of Water pipeline across NH-44 @ km. 470+300 km by hydraulic jack pushing method with 800mm Dia casing pipe and 300mm dia on Nagpur-Hyderabad section of NH-44 in the State of Telangana- **Approval requested-Reg.**

Ref: 1. M/s.Hyderabad Metropolitan Water Supply & Sewerage Board Lr. No.GM(E) O&M Div-XXV/HMWSSB/Road Cutting 2023-24 dated 22.05.2024.
2. T.O. Lr. No. NHAI/PIU-KMR/Utility/Water PP/2024/683 dated 29.05.2024
3. M/s. Artefact Projects Ltd., Lr. No. APL/LIDIPL/NH-44/PKG-I/332 dated 06.07.2024
4. T.O. Lr.No. NHAI/PIU-KMR/ Utility/Water PP/2024/855 dated 15.07.2024
5. M/s.HMWS&SB Lr.No.GM(E) O&M Div-XXV/HMWSSB/Tunneling/2024-25/239 dated 24.09.2024.

Sir,

With reference to the subject cited above, it is to submit that M/s.Hyderabad Metropolitan Water Supply & Sewerage Board has submitted the proposal for carrying out laying of Water pipeline across NH-44 @ km. 470+300 km by hydraulic jack pushing method with 800mm Dia casing pipe and 300mm dia on Nagpur-Hyderabad section of NH-44 in the State of Telangana and sought approval at reference 1st cited.

Accordingly, this office has referred the proposal to the Independent Engineer vide this office letter dated 29.05.2024 (**copy enclosed**). The Independent Engineer after conducting the joint inspection with representatives of M/s. Hyderabad Metropolitan Water Supply & Sewerage Board, vide reference 3rd cited has recommended the proposal duly informing the following:

1. ROW at the proposed location Ch.469+600 LHS to RHS is 75m i.e. 37.5m from Project Centre line on BHS.
2. The water pipe line will be laid from LHS utility corridor to RHS utility corridor across the project Highway.
3. Crossing of water pipe line from LHS to RHS at the extreme edge of ROW by hydraulic pushing method with 300mm dia HDPE pipe on casing of 800mm cast in iron pipe.
4. Blockage of highway drainage during laying process or after laying of water pipe line will be rectified by HMWSSB under supervision of Authority Engineer/Authority's representative.
5. Any damage to cross drainage structure or RCC drain shall be rectified by HMWSSB under the supervision of Authority Engineer/Authority's representative (NHAI).
6. Laying of the water pipe line at intersections is proposed at ROW open trenches pits shall be restored to its original condition after laying of pipe line.
7. Execution process of laying water pipeline shall comply the checklist clause 2.4.1&1.19 submitted by applicant and will be supervised by Authority Engineer/Authority's representative.

Accordingly, the proposal has been verified in accordance with MoRT&H Circulars, dated. 07.08.2013 & 22.11.2016 and the agency M/s.Hyderabad Metropolitan Water Supply & Sewerage Board has furnished the following:

Contd..2

कारपोरेट कार्यालय : जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075. वेबसाइट : http://www.nhai.org
Corporate Office : G-5 & 6, Sector -10, Dwarka, New Delhi - 110 075 Website : http://www.nhai.gov.in

- Checklist
- License Deed
- Undertakings for Relocation of Water Pipe line as and when required
- Methodology of laying of Water pipeline
- Road Crossing plan
- Bank Guarantees for Rs.15,160/- valid up to 11.09.2025. Confirmation of Bank Guarantee received from Bank is herewith attached.
- License fee of Rs. 1,73,600/- through Bharatkosh Portal

The proposal submitted by M/s.Hyderabad Metropolitan Water Supply & Sewerage Board Hyderabad, is in order and in accordance with MoRT&H circular dated 07.08.2013 & 22.11.2016. The certificate in respect of conformity of the proposal is enclosed.

Keeping in view of the above, it is hereby recommended and requested to accord approval of the competent authority for proposal submitted by M/s.Hyderabad Metropolitan Water Supply & Sewerage Board, Hyderabad for carrying out laying of Water pipeline across NH-44 @ km. 470+300 km by hydraulic jack pushing method with 800mm Dia casing pipe and 300mm dia on Nagpur-Hyderabad section of NH-44 in the State of Telangana, at the earliest please.

Yours faithfully

10/10/24

Encl: As above

(C.Sreenivasa Rao)
DGM (Tech.) & Project Director
NHAI, PIU, Kamareddy

CERTIFICATE

IN RESPECT OF LAYING WATER PIPELINE PROPOSED BY
M/s.Hyderabad Metropolitan Water Supply & Sewerage Board, for carrying out laying of Water pipeline across NH-44 @ km. 470+300 km by hydraulic jack pushing method with 800mm Dia casing pipe and 300mm dia on Nagpur-Hyderabad section of NH-44 in the State of Telangana

It is hereby certified as under

(a) Confirming of all the standard conditions issued vide Ministry Circular No. RW/NH-33044/17/2000-S7R dated 29.9.2000, NHAI's guidelines issued vide No. NHAI/OFC/2K/Vol II dated 7.11.2000, Ministry's circular No. RW/NH-33044/27/2000-S&R (R) dated 21.3.2006 and Ministry's circular No. RW/NH-33044/27/2005/S&R (R) (Pt.) dated 07.08.2013 & Ministry's circular No. RW/NH-33044/29/2015/S&R(R), dtd.22.11.2016 are incorporated in the proposal and the same is herewith confirmed.

(ii) For 6-laning -

I do certify that sufficient ROW is available at site for ongoing six-laning.

The available width of ROW is 75m in the above stretch. As on date, six-laning is in progress.

(iii) I do hereby certify that the proposed permission will be entered in the register of records of the permission in the prescribed proforma.

(C.Sreenivasa Rao)
DGM (Tech.) & Project Director
NHAI, PIU-Kamareddy

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

INSPECTION REPORT

IN RESPECT OF LAYING WATER PIPELINE PROPOSED BY
M/s.Hyderabad Metropolitan Water Supply & Sewerage Board, for carrying out laying of Water pipeline across NH-44 @ km. 470+300 km by hydraulic jack pushing method with 800mm Dia casing pipe and 300mm dia on Nagpur-Hyderabad section of NH-44 in the State of Telangana

- The proposed laying Water pipeline across NH-44 @ km. 470+300 km by hydraulic jack pushing method with 800mm Dia casing pipe and 300mm dia on Nagpur-Hyderabad section of NH-44 is inspected.
- The above stretch comes under 17km.
- The proposed laying of Water pipeline is across NH-44 @ Km.470+300
- Sufficient ROW is available at site for accommodating the water pipeline

The proposal submitted is examined and recommended for granting the permission.

(C.Sreenivasa Rao)
DGM (Tech.) & Project Director
NHAI, PIU, Kamareddy

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE BOARD

Lr.No.: GM(E)/O&M Div-XXV/HMWSSB/Road cutting 2022-24 Date: 12-01-2022

From
General Manager (Engg.),
O&M Div No-XXV,
Sainikpuri,
Hyderabad.

To
The Project Director ,
National Highways Authority of India
Project Implementation Unit
Kamareddy , Telangana
503110 .

*****

Sir,

Sub: :Providing water supply infrastructure to the extended areas of ORR Villages by laying inlet, outlet and Distribution networks with HDPE&DI K-7 pipelines of different diameters and construction of service Reservoirs of various capacity (GLSR/ELSR of various staging) in Rajendranagar, shamirpet, medchal, quthubullapur, patancheruvu, RC puram and bollaram mandals -Package II .

Ref: 01/CGM(E)/K.Pur Circle/WS-imp-ORR extended areas/Pack II/2021-22/LS, Dt:12/01/2022

*****

With reference to the Subject cited above it is to submit that, the Hyderabad Metropolitan Water Supply and Sewerage Board has taken up the project of "Water supply distribution network project for the ORR PHASE –II for extended villages ". As part of the scheme, the construction of RCC Service Reservoirs, Inlet, and Outlet & Distribution network in Medchal mandal is being taken up as one of the components and the above work is awarded to M/s. Megha Engineering and Infra Ltd, Hyderabad to complete on time Bound .

As the project is Taken as the prestigious project by the govt of Telangana to provide potable drinking water to the Every household before i.e june -2023

In this connection, it is to submit that,there is pipeline laying work is to be carried out .in Medchal Mandal at various locations along the Highway road as mentioned below . Hence it is requested to issue suitable instructions to the concerned officials to permit pipeline laying work .

Tunneling work :

1. At KV reddy Colony Towards Gundla pochampally at ch 470+300km there is Road Crossing Work by hydraulic Jack pushing method with 800mm Dia Casing pipe and 300mm Dia Carriying pipe

Copy to : 1. DCP TRAFFIC - CYBERABAD
2 . ACP TRAFFIC – PET BASHEERABAD

Yours faithfully,

General Manager (Engg)
O&M Dn No XXV
Sainikpuri

CHECKLIST

Guidelines for Project Directors for processing the proposal for proposal of water supply pipeline in the land and along national highways vested with NHAI

Relevant circulars

1. Ministry Circular No. NH-41 (58) / 68 dated 31.1. 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 19.1.1995s
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

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

S.No.	Item	Information/Status	Remarks
1	General information	Proposal for laying of 300mm Dia MS pipeline on NH-44 at ch: 470+~~300~~ 600Km encasing 800mm Dia MS pipe	
1.1	Name and Address of the Applicant/Agency	General manager (Engg) , HMWS & SB , Division no.25	
1.2	National Highway Number	44	
1.3	State	Telangana	
1.4	Location	KV reddy colony , towards gundlapocham pally	
1.5	Chainage in km	470+~~300~~ 600	
1.6	Length in Meters	~~60~~m 75	
1.7	Width of avilable ROW	~~60~~m 75	
	(a) Left side from centre line towards increasing Chinese/ km direction	~~30~~m 35	
	(b) Right side from centre line towards increasing Chinese/km direction	~~30~~m 35	
1.8	Proposal to lay underground electrical cable/water pipeline	Wtaer pipe	
	(a)Left side from center line towards increasing Chinese/ km direction	32m	
	(b)Right side from centre line towards increasing Chinese/km direction	33m	
1.9	Proposal to acquire land		
	(a)Left side from center line	N/A	
	(b) Right side from center line	N/A	

ARTEFACT PROJECTS LTD. MEDCHAL

22/5/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

1.10	Weather proposal is in the same side where land is not to be acured	Yes	
1.11	if not them where to the details of already laid services if any along the along the route	N/A	
1.12	Number of lanes(2/4/6/8lanes)	~~4~~ 6	
1.13	Proposed Number of lanes(2 Lane with paved shoulders/4/6/8 lanes)		
1.14	Service road existing or not If yes then which side	No	
	(a)Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service Road	NO	
	(a)Left side from center line		
	b) Right side from center line		
1.16	Whether proposal to Ley water supply pipe line is after the service road or between the service road and main carriageway	Main carriageway	
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 (a) carving of sewage/gas pipelines on highway bridges shall not be permitted as Furmes/ gases pipes can accelerate the process of corrosion of may cause explosions, thus, being much more injurious than leakage of water (b) Carrying of water pipeline caring 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	Yes	

Dy. General Manager (Engg.)
City Sub Division No. III
O & M Division - XXV
HMWS & SB

22/5/2024

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

PREFACT PROJECTS LTD. MEDCHAL

	abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains avilable for inspection and repairs etc.		
	(c)Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency- incharge 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 Ministry's project Chief engineers only	Yes	
1.18	**If Crossings 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	Yes pipe encasing at ch : 470+~~300~~ 600km	
	(a)Existing drainage structures shall not be allowed to carry the lines	Yes	
	(b)Is it on a line normal to NH		
	(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	.....50m.....	
	(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 career pipe/cable	Yes 800mm Dia MS casing pipe is proposed to provide pipe for carrying 300mm Dia MS water supply pipe	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not Act as a drainage path Minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	

22/5/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

ARTEFACT PROJECTS LTD. MEDCHAL

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

	(g) The top of the casing/conduit pipe should be at least 1.2 meter below the top of the sub grade of the road subject to being at least 0.3 m below the drain inverts	Yes	
	(h)Crossing shall be by boring method(HDD) Especially where the existing road pavement is of cement concrete or hence bituminous concrete type	Yes	
	(i) The casing/conduct pipe shall be installed with an even bearing throughout it's length and in such a manner as to prevent the formation of a waterway along it.	Yes	
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 of1.2m deep X0.3m wide) (i)Should not be greater than 60Cm 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 m from the center –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 not shall these be laid over the existing Culverts and Bridges (iv) These should be so laid that there top is at least 0.6 M below the ground level so as not to abstruct drainage of the road land.	N/A	
2.2	Cross section showing the size of pit and location of cable for HDD Method	Yes	
2.3	Strip plan/Route plan showing water supply pipe line Chainage width of Row , distance of proposed, cable from the edge of ROW important mile stone, intersections, cross drainage works etc.	Enclosed	
2.4	Methodology for laying of showing water Supply pipe line.	HDD	
2.4.1	Open trenching method.(May be allowed in utility corridor only where prevent is neither cement concrete nor dense bituminous concrete type. if yes methodology of `	N/A	

22/5/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

ARTEFACT PROJECTS LTD. MEDCHAL

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

	(a) The trench with should be at least 30 cm but not more than 60 cm wider than the outer diameter of the pipe	N/A	
	(b) For filling of the trench bedding shall be to a depth of not less than 30 cm, It shell 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 Suitable soil and rock edged should be excavated and replaced by selected Material.	N/A	
	(c) The backfill shall be completed in two stages (i) side- fill to the level of the top of the pipe and (ii) over fill to the bottom of the road crust.	N/A	
	(d) The side fill consist of granular material laid in 15 CM layers each consolidated by mechanical tampering and controlled edition of moisture to 95% of the proctor's density. Over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or pending will not be permitted.	N/A	
	(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.	N/A	
	(f) The excavation shall be protected by flagman, Signs and barricades, and red lights during night hours	N/A	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	N/A	
2.4.2	Horizontal Directional Drilling (HDD) Method Laying of water supply Pipe Line through CD works and method of laying	Yes	
2.4.3	(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 30 M from the bridge 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.	N/A	
3	Draft license Agreement signed by two witness	Yes	

22/05/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

ARTEFACT PROJECTS LTD. MEDCHAL

4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs 500 /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 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.No payment shall be Payable by the NHAI to the licensee for clearing Debris/loose earth	Will be furnished on receipt of demand note of NHAI	
4.1	Performance BG as per above is to be obtained.	Yes	
4.2	Confermation of BG has been obtained as per NHAI Guidelines		
5	**Affidavet / Undertaking from the Applicant for**	Yes	
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 guideline	Yes	
5.4	Shifting of water supply pipe line as and when required byNHAI at their own cast	Yes	
5.5	Shifting due to 6 lnning /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.	General manager (Engg) HMWS & SB , Division no 25	
5.8	If any clime is raised by the Concessionare then the same has to be paid by the applicant	General manager (Engg) HMWS & SB , Division no 25	

ARTEFACT PROJECTS LTD. MEDCHAL

22/5/2024
Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

22/5/24
General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alternations to the showing water supply pipe line located 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 pipe line 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 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 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 pipe not have any 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 notwithstanding the permission granted within such time as will be stipulated by NHAI " for future six lanning or any other development."	Yes enclosed	
6	Who will sign the agreement on behalf of water supply pipe line agency	General manager (Engg) HMWS & SB , Division no 25	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. NH-41(58)/68 dated 31. 1.1969 , Ministry Circular No.NH-III/P/66/76 dated 18/19. 11. 1976, Ministry Circular No.RW/NH-III/P/ 66 / 76 dated 11.5.1982, Ministry Circular No.RW/NH-11037/1/86-DOI (ii)dated28.7.1993, Ministry Circular No.RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No.RW/NH-34066/2/95/S&R dated25.10.1999 and		

22/05/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

ARTEFACT PROJECTS LTD. MEDCHAL

General Manager (ERBS)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

	Ministry Circular No.RW/NH-34066/7/2003 S&R (B) dated 17.9.2003.		
7.2 8	Certificate from PD in the following format (i)"It is certified that any other location of the water supply pipe line would be extremely difficult and Unreasonable costly and the installation of water supply pipe line within ROW will not adversely affect the design stability and traffic safety of the highway not the likely future improvement such as widening of the carriageway easing of curve etc." (ii) for 6- lanning (a) Where feasibility is available " I do certify that there will be no Hindrance to proposed 6six- lanning based on the feasibility report considering proposed structures at the said location" (b)In case feasibility report is not available do certified that sufficient r o w is available at site for accommodate thing proposed 6 learning if MH section proposed to be taken up by MH AI on b o t basis dash a class is to be incepted in the agreement the permitted highway on which licence has been granted the right to Le cable by that has also been granted as a right of way to the concession agreement for upgradation of **(design engineering finance construction operation and maintenance of for learning of a lady section on Nagpur Hyderabad of NH 44 from km 30 002 km 36700 in the state of Telangana on DFBOT Basis.(Package No.NS2/BOT/AP1)**and therefore,the Licensee shall honour the same."	Yes	
9	Who will supervise the work of laying of water supply pipe line	By HMWS & SB / NHAI	
10	who will ensure that the defects in road portion of laying of water supply pipeline or corrected and its not correct then what action will be taken.	By HMWS & SB / NHAI	
11	Who will pay the claims for damages done/ discruption in working of Concessionaire if asked by the Concessionaire.	General manager (Engg) HMWS & SB , Division no 25	

22/05/2024
Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

National Highways Authority of India
PIU, KAMAREDDY

22/5/24
General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

ARTEFACT PROJECTS LTD. MEDCHAL

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 as maintained by PD then copy be enclosed	No such permission is accorded	

22/05/2024
Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

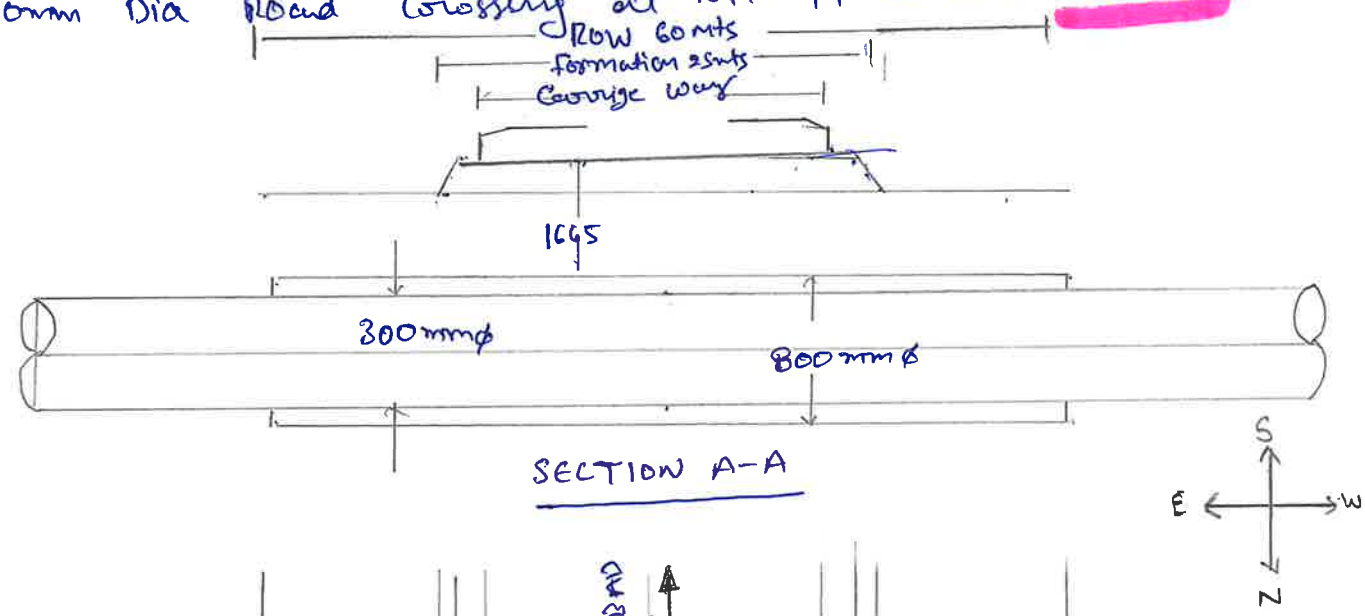
22/5/24
General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

ARTEFACT PROJECTS LTD. MEDCHAL

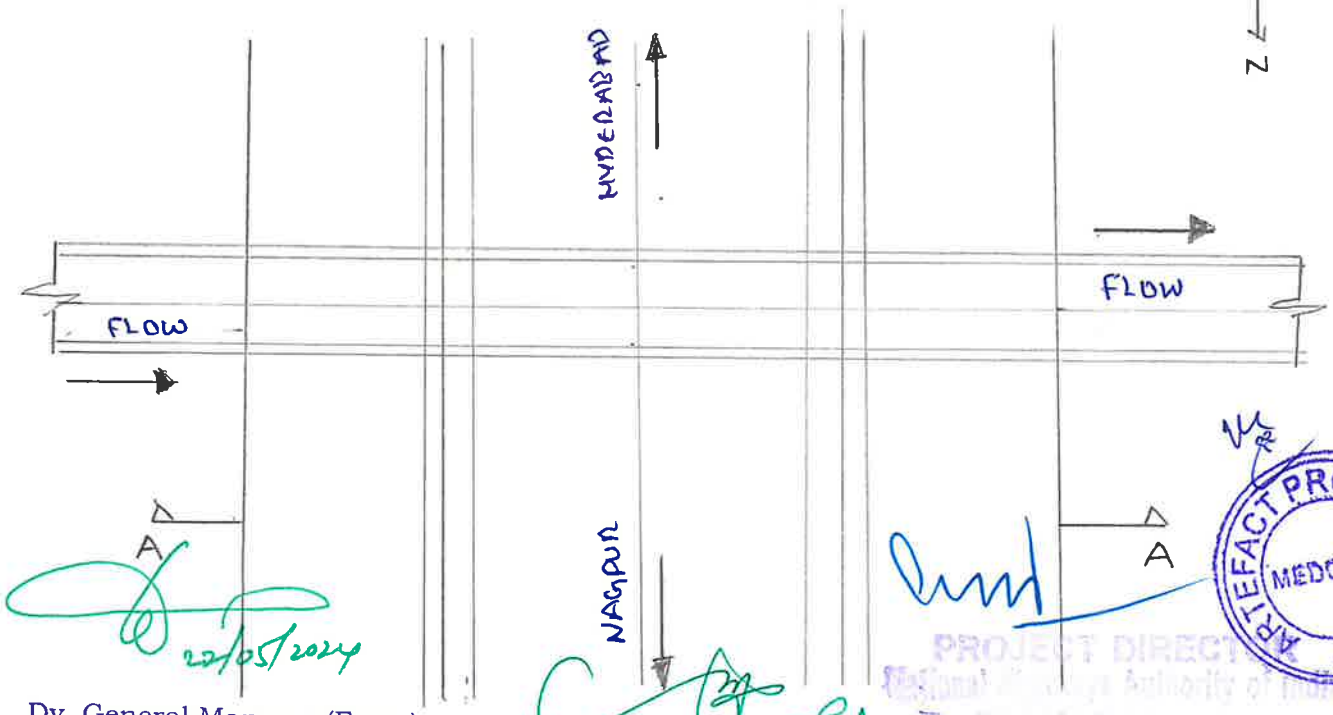
PROJECT DIRECTOR
National Highways Authority of India

NAME OF THE WORK: providing water Supply infrastructure to the Extended Areas & ORR villages by Laying inlet, outlet and Distribution networks with MDPE and DI K-7 pipelines of Different Diameters and Construction of Service Reservoirs of various capacities (GLSR/ELSR) of Various staging) in Rajendra nagar, Shamirpet, Medchal, Quthubullapur, Patancheruvu, Bollaram Mandals Package - II

Cross section showing MS pipeline 800mm Dia Casing with 300mm Dia Road Crossing at NH-44 at km 470+~~300~~ 600



SECTION A-A



PLAN

22/05/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

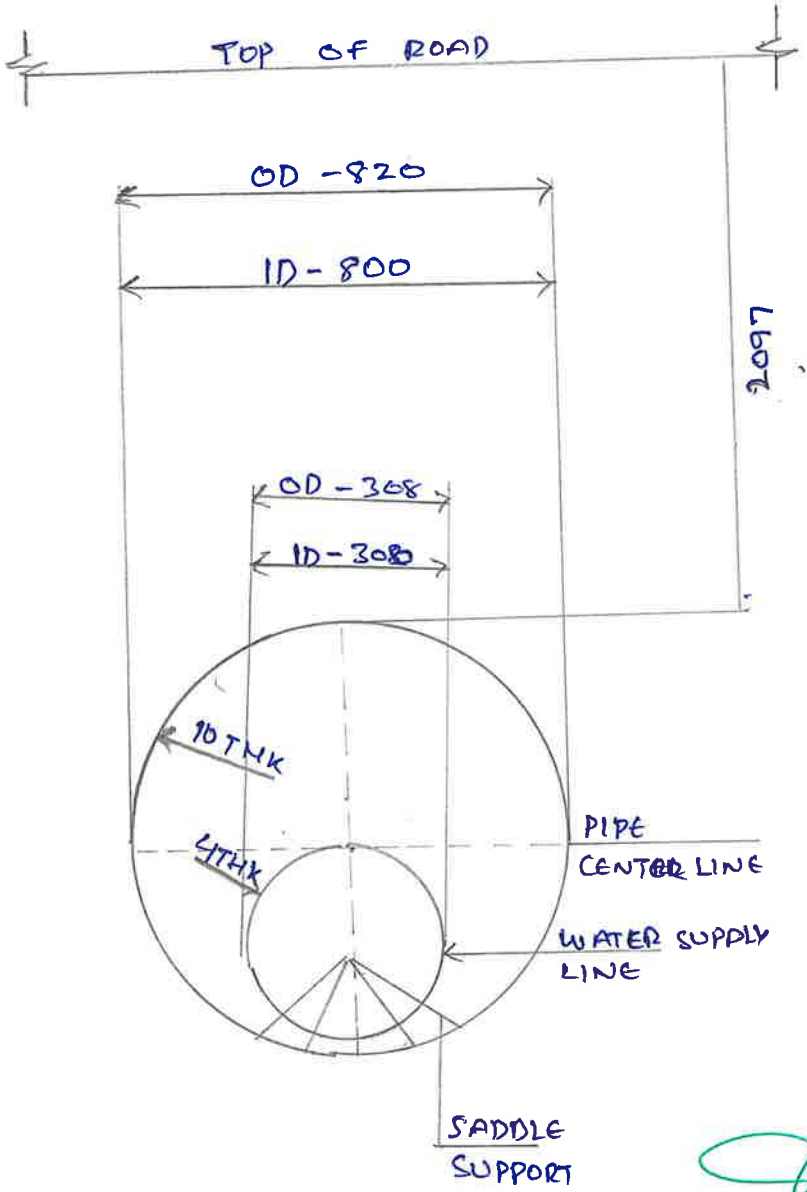
22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

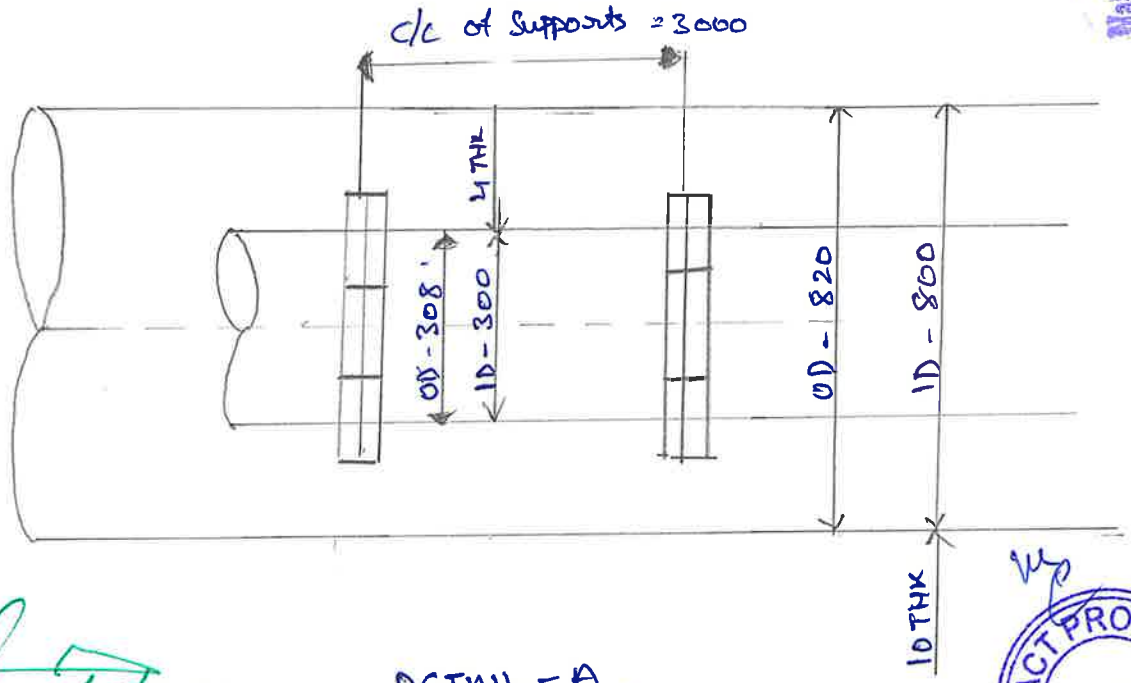
ARTEFACT PROJECTS LTD. MEDCHAL

PROJECT DIRECTOR

KM 470+~~300~~ 600



SECTION - BB



DETAIL - A

22/05/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

PROJECT DIRECTOR
National Highways Authority of India
HYDERABAD

ARTEFACT PROJECTS
MEDCHAL

METHODOLGY FOR LAYING WATER SUPPLY PIPELINE ON THE

Procedure :

Two pits are constructed on either side of the service line. From the side through the pipes are pushed is called launching /Drive fit and the other is reception pit. To get a firm line and level thrust bed and thrust wall are constructed in the launching/Drive pit , these can be of R.C.C.

The hydraulic jacking system consists of number of jacks (Depending on diameter of Pipe) and Hydraulic power pack (diesel/electrical operated).

Procedure consists of following steps :

Step-1 : The chsing pipe is lower on the driver rig. The line and level is checked.

Step-2 : The casing pipe is slowly pushed into the soil by extending the rams of all the hydraulic Jacks. The Jacks in turn take the reaction from the thrust wall. The line and level is checked for the final time Any mis-alignment is rectified.

Step-3 : After the final alignment the ram's are extended further pushing the casing pipe further inside the soil. Each stroke of Ram extended i.e. The horizontal distance of peneration of

Step-4 : Soil is removed mechanically by means of augur or manually with a proper safety to prevent any soil collapse at pipe face. Adequate safety measures are taken during the operation.

Step-5 : Step 3 and 4 is repeated until entire section of casing pipe is pushed through.

Step- 6 : New casing pipe section is lowered on the driving rig and butt welded with the previous section. And all the steps from 3 to 4 are repeated.

Step-7 : Steps from 3 to 6 is repeated till the entire length of casing pipe is pushed through the soil and the reception pit is constructed on the other side of the service line to expose the pipe end.

Note : Compacting layer of the road crust will not be disturbed in this procedure.

22/05/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad

ARTEFACT PROJECTS LTD. MEDCHAL

PROJECT DIRECTOR
National Highways Authority of India
PIU, KAMAREDDY

Format for Maintaining Records of Right-of-Way Permission for laying of Water Supply Pipe Line

(To be Maintained Separately for every NH)

1. Name of the State : Telangana
2. Name of PIU of NHAI : NHAI
3. Name of the Division : HMWS & SB , Hyderabad
4. NH Number : NH-44

Sl.No.	Location (Chainage in KM)	Left or right Side of NH (to wards increasing Chaninage /KM direction	Section and reach	Kind of service	Name of licensee and contact address	Date of signing of agreement	Date of validity of agreement	Date of last inspection of site	Any Deviation From most standard	Remarks
1	470+300 Km	**RHS to LHS**	**Nagpur To Hyderabad**	**Water supply**	**General Manager (Engg) HMWS & SB, division no.25**				**Nil**	**Licence Deed will be Signed After Obtaining approval from NHAI**

22/05/2024

Dy. General Manager (Engg.)
Kompally Sub Division No. II
O & M Division - XXV
HMWS & SB

22/5/24

General Manager (Engg)
O & M Division - XXV
H.M.W.S. & S.B, Hyderabad