



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

परियोजना कार्यान्वयन, इकाई. सोलापूर (महाराष्ट्र)

Project Implementation Unit, Solapur (Maharashtra)

कार्यालय : पुणे-सोलापूर राजमार्ग के निकट, मौजे बाले, जिला सोलापूर-४१३२५५, महाराष्ट्र
Office : Adjacent to Pune-Solapur Highway, Mauje Bale, Dist. Solapur-413255 Maharashtra
Ph.No. 0217-2303379 * ई-मेल/Email : solapur@nhai.org * वेब /Web : https://nhai.gov.in



No. : NHA/PIU/SLP/PS-II/NH-65/Public Comments/2025/ 2733 Date 01.11.2025.

INVITATION OF PUBLIC COMMENTS

Sub: Four laning of Pune - Solapur section of NH-65 from Km. 150.050 to Km. 251.325 in the State of Maharashtra under NHDP Phase III Pkg. II on DBFOT basis - Issue of NOC and permission for laying of drinking of water supply utility DI pipeline of 200 mm dia. By trench method along the Pune Solapur National Highway No. 65 from Km. 249+730 to Km. 250+150 (RHS) and Km. 250+150 to Km. 250+730 (LHS) & across the project by HDD method by providing DI pipeline of 200 mm dia. at Km. 250+150 in Solapur city portion - Reg.

Ref.:- Deputy Engineer, PHADB, Solapur Sub Division letter no. DE/SLR/PPR/319/2025 dated 01.10.2025 (RD 03.10.2025).

Sir,

Deputy Engineer, PHADB, Solapur Sub Division has submitted proposal for issue of NOC and permission for laying of drinking of water supply utility DI pipeline of 200 mm dia. By trench method along the Pune Solapur National Highway No. 65 from Km. 249+730 to Km. 250+150 (RHS) and Km. 250+150 to Km. 250+730 (LHS) & across the project by HDD method by providing DI pipeline of 200 mm dia. at Km. 250+150 in Solapur city portion vide ref. at (i) above.

- As per the guidelines, issued by the Ministry vide OM No. RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).
- In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach to this office within 30 days from the date of publication beyond which no comments shall be entertained.

The DGM (Tech.) & Project Director,
National Highways Authority of India
Project Implementation Unit, Solapur
Adjacent to Pune - Solapur Highway,
Mauje Bale, Dist. Solapur,
Maharashtra, Pin - 413225.

धन्यवाद!

भवदिय,

(स्वप्निल कासार),

उपमहाप्रबंधक (त) तथा परियोजना निदेशक,
भा.रा.रा.प्रा., इकाई. सोलापूर

संलग्न: उपरोक्त.

Copy to:-

- CGM (Tech) & RO Mumbai - for information please.
- Deputy Engineer, PHADB, Solapur Sub Division - for information please.

- iii. Authorized Signatory, M/s. PSRDCL, Solapur - for information and consent.
- iv. Team Leader, M/s. DCSL-SSSPL, Solapur for information.
- v. Master file.



**PUNE HOUSING AND AREA DEVELOPMENT BOARD
(UNIT OF MHADA)**

Office of Deputy Engineer, Shivaji Nagar, Sat rasta Solapur



Outward No./DE-SLR/PPR/ 319 /2025

DATE- 01-10-2025

To,
The Project Director,
NHAI, PIU, Solapur.

Subject :- Resubmission of issue of NO Objection Certificate & Permission for Laying of Drinking Water Supply Utility DI pipeline of 200 mm Dia. by Trench Method along the Pune-Solapur National Highway No.65 & across the Highway by HDD method by providing MS pipeline of 200 mm Dia. at below chainages.

- 1) Along the NH-65 from Ch-249/730 to Ch-250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch-250/150 (RHS) to 250/150 (LHS)
- 3) Along the NH-65 from Ch-250/150 to Ch-250/730 (LHS) at North Solapur village, Tal. North Solapur, Dist. Solapur in Maharashtra State.

Reference :- Your office letter no. NHAI/PIU/SLP/NH-65/Gen./2025-26/2025 dt.10/09/2025.

Dear Sir,

With reference to above subject, we are resubmitting the proposal to this office regarding issue of No Objection Certificate and permission for laying of drinking water supply, utility Dia pipeline of 200 mm by Trench Method along the Pune-Solapur National Highway No.65 & across the Highway by HDD method by providing 700 mm MS pipeline for 200 mm Dia. pipe.

- 1) The crossing is at chainage across the NH-65 by HDD method at Ch-250/150 (RHS) to 250/150 (LHS).

Hence, we reroute the pipeline alignment and resubmitting revised proposal to this office for further consideration.

This is for your information and needful action.

Thanking you.

Yours faithfully

**Deputy Engineer
PHADB
Solapur Subdivision**

आवक	2946
दिनांक	03/10/2022

Total - 04 Files

01 Original

03 Copy



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

परियोजना कार्यान्वयन, इकाई. सोलापूर (महाराष्ट्र)

Project Implementation Unit, Solapur (Maharashtra)

कार्यालय : पुणे-सोलापूर राजमार्ग के निकट, मौजे बाले, जिला सोलापूर-४१३२५५, महाराष्ट्र
Office : Adjacent to Pune-Solapur Highway, Mauje Bale, Dist. Solapur-413255 Maharashtra
Ph.No. 0217-2303379 * ई-मेल/Email : solapur@nhai.org * वेब /Web : https://nhai.gov.in



No.NHAI/PIU/SLP/NH-65/Gen../2025-26/2050

Dated :- 10.09.2025.

To,

Deputy Engineer,
Pune Housing And Area Development Board
(Unit of Mhadha),
Office of Deputy Engineer, Shivaji Nagar,
Sat Rasta, Solapur.

Sub:- Four laning of Pune-Solapur section of NH-65 from Km.150+050 to Km.251325 in the State of Maharashtra under NHDP Phase-III Pkg.II on DBFOT basis - Issue of No Objection Certificate & Permission for laying of drinking water supply utility DI pipe line of 200mm. dia. by Trench Method along the Pune - Solapur National Highway No.65 & across the Highway through m utility duct by providing MS pipe line of 200 mm. Dia in Kilometres - Reg.

Ref.:-

- IE M/s. DCSL-SSSPL, Solapur letter no.DCSL-SSSPL/NH-65/NHAI/2025/1195 dated 20.08.2025 (RD : 02.09.2025)
- T/o. letter no.1351 dated 11.07.2025.
- Your office letter no.DE-SLR/PPR/224/2024 dated 04.07.2025 (RD : 09.07.2025)
- MoRT&H Guidelines No.NH-36094/01/2022-S & R (R) (P&B) dated 17.04.2023.
- MoRT&H Guidelines No.RW-H-33044/29/2015/ S & R (R) dated 22.11.2016.

With reference to above cited subject, your office has submitted the said proposal to this office regarding issue of No Objection Certificate & Permission for laying of drinking water supply utility DI pipe line of 200mm. dia. by Trench Method along the Pune - Solapur National Highway No.65 & across the Highway through utility duct by providing MS pipe line of 200 mm. Dia in Kilometres vide letter ref. at (iii) above.

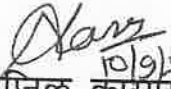
- This office has forwarded the same to Independent Engineer M/s. DCSL-SSSPL, Solapur to verify at site & submit their comments / remarks to this office vide letter ref. at (ii) above.
- Subsequently, Independent Engineer has conducted a joint visit along with the applicant and submitted their observation / comments to this office vide letter ref. at (i) & confirmed that, the applicant intends to install a 200mm. dia meter

pipeline. The proposed alignment is as follows :-

- From Km.249+750 to Km.249+870 at RHS.
 - Crossing at Km.249+870 from RHS to LHS through the MNB.
 - From Km.249+870 to Km.250+600 along the road at LHS.
4. It is to be noted that, crossing via MNB is strictly prohibited as per Clause 3.1 of the MoRT&H Policy Guidelines - Accommodation of Public and Industrial Utility Services along and across National Highways (Circular No.RW/NH-33044/29/2015-S&R (R) dated 22.11.2016).
 5. In this regard, this office has scrutinized the same & as per IE's observation, the said proposal cannot be fulfilled by this office.
 6. In view of above, it is requested to reroute the pipeline alignment and resubmit the revised proposal to this office for further consideration. Hence, the proposal is returned to your office.
 7. This is for your information & needful action.

Thanking you,

भवदीय,


(स्वप्निल कासार)

उपमहाप्रबंधक (तकनीकी) तथा परियोजना निदेशक,
भा.रा.रा.प्रा., पकाई. सोलापूर

संलग्न :- उपरोक्त.

Copy to :-

- i. CGM (Tech.) & NHAI RO, Mumbai for information please.
- ii. IE M/s. DCSL-SSSPL, Solapur for information.
- iii. Concessionaire M/s. PSRDCL, Solapur for information.
- iv. Master file.



**PUNE HOUSING AND AREA DEVELOPMENT BOARD
(UNIT OF MHADA)**

Office of Deputy Engineer, Shivaji Nagar, Sat rasta Solapur



Outward No./MH/CE-III/EE-II/PMAY/615/2025

DATE- 30/09/2025

To,
The Project Director,
NHAI, PIU, Solapur.

Subject: Issue of NO Objection Certificate & Permission for Laying of Drinking Water Supply Utility DI pipe line of 200 mm Dia. by Trench Method along the Pune – Solapur National Highway no.65 & across the Highway by HDD method by Providing MS Pipe line of 200 mm Dia at below chainages.

- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS)
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

Reference - Your office letter No. NHAI/PIU/SLP/NH-65/Gen../2025-26/2050 dt.10.09.2025.

Dear Sir,

With refrance to above subject it is to mention here that the works of Construction of Various Infrastructure Projects (Water Supply, Sewerage and Roads) Under Pradhan Mantri Awas Yojana in Solapur Municipal Corporation area under Nagarotthan Mahabhiyan at Rashtra Tej Atal Kamgar Gruhnnirman Sahakari Sanstha and Shri. Somavanshiya Sahastrarjun Kshatriya Samaj Mahalakshmi Grih Nirman Sanstha, Dahitane, Tal: North Solapur, Dist. Solapur are in progress.

The work of construction of ESR's at above mentioned Housing Societies at Dahitane are in progress. The laying of rising main drinking water supply pipe line of DI 200 mm Dia. from Bhavani peth WTP to above mentioned ESR's at Dahitane is in progress.

The Permission for Laying of above mentioned Utility pipe line by Trench Method along the NH 65 at following locations is required,

- 1) From Ch- Ch- 249/730 to Ch- 250/150 (RHS)
- 2) From Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal : North Solapur, Dist- Solapur.

Further crossing of the pipe line by HDD method at Ch. 250/150 of the NH -65 is required.

The pipe line will be laid at our own cost as per the terms and conditions of MoRT&H guidelines and specifications. We are submitting herewith the proposal of NOC in three copies.

INDEX

Sr. No.	Description	Pages	
		From	To
1	Covering letter of company		
2	Check list		
3	License Deed Agreement		
4	Undertaking 1 : Not damage to other utility		
5	Undertaking 2 : Removal of Bank Guarantee		
6	Undertaking 3 : Confirming all standards condition		
7	Undertaking 4 : Shifting of drinking water pipe line as & when required		
8	Undertaking 5 : Shifting due to 6/8 lining / widening		
9	Undertaking 6 : Indemnity against all damage		
10	Undertaking 7 : Traffic movement management		
11	Undertaking 8 : If any claim raised		
12	Undertaking 9 : Prior approval of NHAI before alteration		
13	Undertaking 10 : Expenditure if any incurred		
14	Undertaking 11 : If NHAI consider it necessary in future to move utility		
15	Undertaking 12 : Laying of underground drinking water pipe line will not have any deleterious effect on any of the bridge components and roadways safety for traffic		
16	Certificate		
17	Methodology		
18	Drawing		

CHECK LIST

Enclosure to Ministry of Road Transport and Highways Circular
No-RW /NH-333044/27/2005/S&R(R), Government of India dated 07.08.2013 & F.No.
RW/NH-33044/29/2015/S&R(R) dated 22 Nov. 2016.

Sr. No	Item	Information / Status	Remarks
1.	General Information	Permission for Laying U/G Pipe of Drinking water supply DI pipe line of 200 mm dia by HDD & open trench method. 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS) 2) Across the NH-65 at Ch. 250/150.(By HDD) 3) Along the NH-65 from Ch 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal. North Solapur, Dist- Solapur.	Agreed
1.1.	Name and Address of the Applicant	Executive Engineer- 2, PMAY, Maharashtra Housing & Area Development Authority, Kalanagar, Bandra (East), Mumbai-400051.	Agreed
1.2.	National Highway	NH- 65	Agreed
1.3.	State	Maharashtra	Agreed
1.4.	Location	On Pune - Solapur NH-65 at North Solapur Village, Tal- North Solapur, Dist- Solapur.	Agreed
1.5.	Chainage in Km	1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS) 2) Across the NH-65 at Ch 250/150 by HDD method. 3) Along the NH-65 from Ch 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur.	Agreed
1.6.	Length	60m	
1.7.	Width of available ROW	60 m	
	(a) Left Hand Side from center line towards increasing Chainage.	31.00 m	Agreed
	(b) Right Hand Side from center line towards increasing Chainage.	29.00 m	Agreed
1.8.	Proposal to lay the pipe line		


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur


EXECUTIVE ENGINEER-II
PMAY (U) / A.

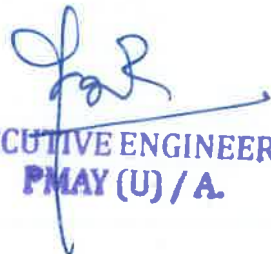
	(a) Left Hand Side from center line towards increasing Chainage.	1) From Ch- 250/150 to Ch- 250/730 2) Across the NH at Ch- 250/150	Agreed
	(b) Right Hand Side from center line towards increasing Chainage.	From Ch- 249/730 to Ch- 250/150.	Agreed
1.9.	Proposal to acquire land	No	
	(a) Left Hand Side from center line	NA	
	(b) Right Hand Side from center line	NA	
1.10.	Whether proposal is in the same side where land is not to be acquired.	Yes	Agreed
	If not then where to lay the pipe	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	
1.13.	Proposed Number of Lanes (2 lane with paved shoulders/4/6/8 lanes)	4 Lanes with paved shoulders	
1.14.	Service road existing or not	Yes	
	If yes then which side		
	(a) Right side from center line	1) From Ch. 249/730 to Ch- 250/150 2) Across the NH at Ch- 250/150	
	(b) Left side from center line	From Ch- 250/150 to Ch- 250/730.	
1.15.	Proposed Service Road	NA	
	a) Left side from center line	NA	
	b) Right side from center line	NA	
1.16.	Whether proposal to lay water pipe line is after the service road or between the service road and main carriageway	After Service Road, at extreme edge of ROW.	Agreed
1.17.	The permission for laying Drinking water pipe line shall be considered for approval/rejection based on Ministry Circular mentioned as above.		


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Shivaji Nagar, Solapur


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	i) Where the ROW is more than 45m then the pipe shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	Yes	Agreed
	ii) Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the pipe shall be laid at the edge of right of way within the utility corridor for 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning.	NA	
	iii) Where the widening plan for 4 laning is not yet decided and available ROW is around 30m, or less, a judicious decision would need to be taken for permitting. The laying of drinking water pipe line / duct. This could be within 1.50m to 2.0m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	NA	
1.18.	No. of applications on the same stretch	1	
1.19.	Whether the case of multiple licenses	No	
1.20.	If so, furnish a joint implementation programmer to lay their respective ducts within stipulated time frame.	NA	
1.21.	If crossing of the road involved if, yes it shall only be through trenchless technology.	Yes, by HDD method.	Agreed
2.	Document / Drawings enclosed with the proposal.	Yes Enclosed	Agreed
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.150m deep x 0.45m wide) should not be greater than 1.2m in width in multiple ducts.	Yes	Agreed
2.2	Cross section showing the size of pit and location of water supply for HDD method.	NA	


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 PMAY (U) / A.

2.3	Strip plan/Route Plan showing the water pipe line crossing, Chainage, width of ROW, distance of proposed water pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes, enclosed	Agreed
2.4	Methodology for laying of Drinking water supply pipe line.	Yes, enclosed	Agreed
2.4.1	Open Trenching Method, if Yes, Methodology of refilling to trench.	The available excavated stuff shall be laid in layers of 15 cm to 20 cm, each layer will be watered and compacted before the upper layer is laid till the required level is reached.	Agreed
2.4.2	Horizontal Directional Drilling (HDD) Method	NA	
2.4.3	Laying water pipe line through CD works and method of laying (whether to be hung outside parapet)	NO	
3.	Draft license Agreement signed by two witnesses	Enclosed	Agreed
4.	Performance Bank Guarantee	Will be submitted after receiving demand note	Agreed
4.1	Performance BG as per ministry's circular No RW/NH-33044/27/2005-S&R(R) (PT) dt. 07.08.13 to be obtained @ Rs-100/- per meter length	Yes	Agreed
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes	Agreed
5	Affidavit / Undertaking from the applicant for		
5.1	Not Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, Undertaking enclosed	Agreed
5.2	Renewal of Bank Guarantee	Yes, Undertaking enclosed	Agreed
5.3	Confirming all standard condition of NHAI'S guideline	Yes, undertaking enclosed	Agreed
5.4	Shifting of Pipe line as and when required by NHAI at their own cost	Yes, undertaking enclosed	Agreed
5.5	Shifting due to 6/8 Lining/widening of NH as and when required due to 6/8 Lining by NHAI at their own cost	Yes, undertaking enclosed	Agreed


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5.6	Indemnity against all damages and claims what's ever kind that may to be NHAI or to many third party in the ROW during installation Operation & maintenance	Yes, undertaking enclosed	Agreed
5.7	Traffic movement during laying of pipeline to be managed by the applicant	Yes, undertaking enclosed	Agreed
5.8	If any claim is raised by the concessionaries, then the same has to be paid by the applicant	Yes, undertaking enclosed	Agreed
5.9	Prior approval of NH shall be obtained before undertaking any work of installation shifting or repairs or alterations to the underground water pipe line will be borne by the Agency owning the Line	Yes, undertaking enclosed	Agreed
5.10	Expenditure, if any incurred by NH for repairing any damage caused to the National Highway by the laying/maintenance or shifting of the pipeline will be borne by the Agency owning the Line.	Yes, undertaking enclosed	Agreed
5.11	If NH considers it necessary in future to move the utility line for any work of improvement or repair to the road, it will be carried out as desired by NHAI at the cost of the Agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, undertaking enclosed	Agreed
5.12	Certification from the Applicant in the following format i) laying of underground water pipe line will not have any deleterious effect on any of the bridge components and roadways safety for traffic. ii) For 4/ 6/8 Lining "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	Yes, undertaking enclosed	Agreed


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P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur


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PMAY (U) / A.

	further six Lining or any other development.		
6.	Who will sign the agreement on behalf of underground water pipe line.	Executive Engineer- 2, PMAY, Maharashtra Housing & Area Development Authority, Kalanagar, Bandra (East), Mumbai-400051.	Agreed
7.	Certificate from the Project Director	Will be enclosed by Project Director	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. NH-4(58)/68 dated 31/1/2/1969, Ministry Circular No. 111/P/6/76/dated 18/19. 11.1976, Ministry Circular No.RW/NH-111/P/66/76 dated 11.05.1982-DOI (ii) dated 28.07.1993, Ministry Circular No.RW/NH-11037/1/86-DOI dated 19.01.1995, Ministry Circular No.RW/NH-34066/2/95/S&R dated 25.10.1999, Ministry Circular No.RW/NH-34066/2/95 S&R(B) dated 17.09.2003, No-RW/NH33044/29/2015/S&R(R) dated 22 Nov. 2016. Certificate from PD in the following format i) it is certified that any other location of the water pipe line would be extremely difficult and unreasonably costly and the installation of water supply pipe line within ROW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriage way, easing of curve etc. ii) for six lanning where feasibility is available, I do certify that there will be no hindrance to proposed six lanning based on the feasibility report considering proposed structures at the	Enclosed	Agreed


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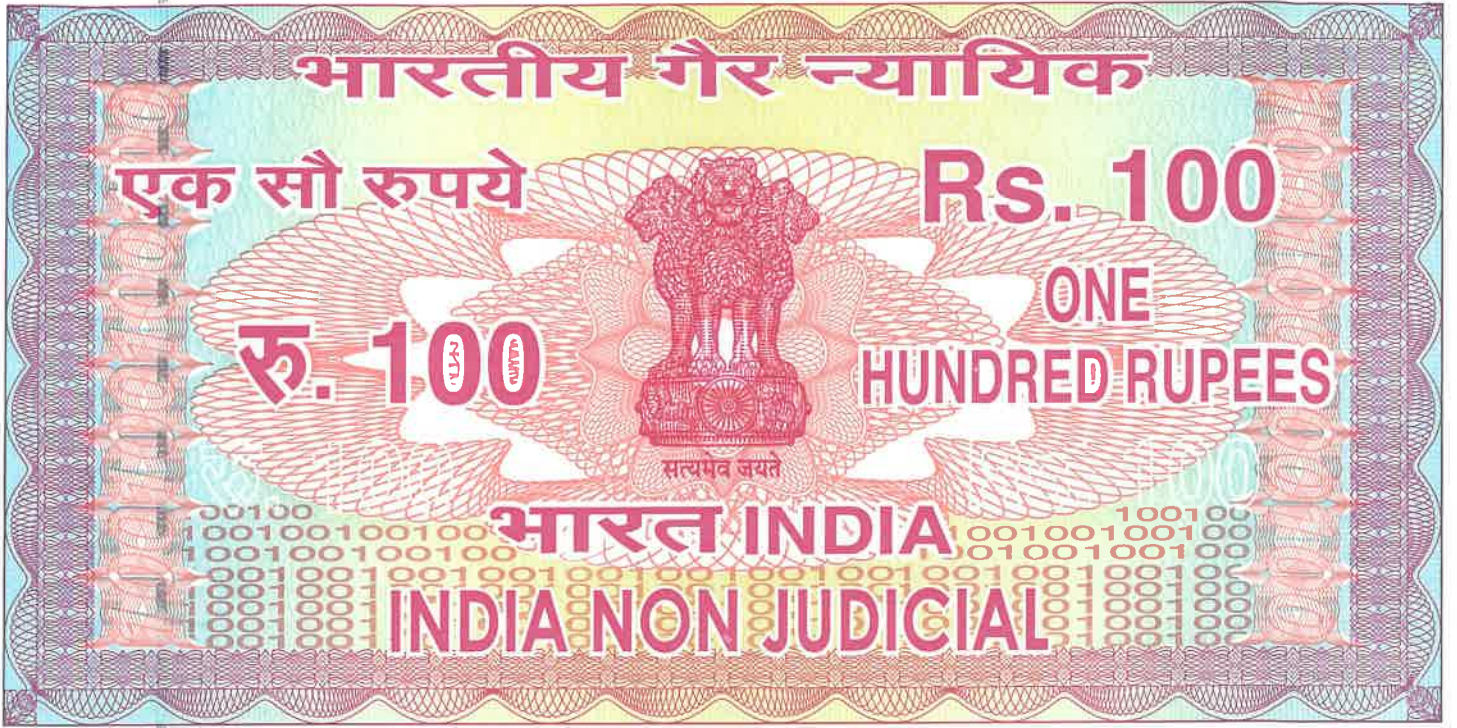

EXECUTIVE ENGINEER-II
PMAY (U) / A.

	said location, in case feasibility report is not available, I do certify that sufficient ROW is available at site for accommodating proposed six lanning.		
8.	If NH section proposed to be taken up by on BOT basis - a clause to be inserted in the agreement. "The permitted Highway on which licensee has been granted the right of way to the concessionaire under the concession Agreement for up gradation of () & thereof, the licensee shall honour the same".	Yes	Agreed
9	Who will supervise the work of laying of water pipe line.	Executive Engineer- 2, PMAY, Maharashtra Housing & Area Development Authority, Kalanagar, Bandra (East), Mumbai-400051.	Agreed
10	Who will ensure that the defects in road portion after laying of water pipe line are corrected and if not corrected then what action will be taken.	PD	Agreed
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire	Executive Engineer- 2, PMAY, Maharashtra Housing & Area Development Authority, Kalanagar, Bandra (East), Mumbai-400051.	Agreed
12	Certificate from PD that he will propose permission in the register of records of permission in the prescribed proforma.	Enclosed	Agreed
13	If any previous approval is accorded for laying of water pipe line, then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	No	
14	Copy of IP License	Yes, Enclosed	
15	Power of Attorney in favor of Authorized Signatory	Yes, Enclosed	

PMAY, MHADA Mumbai


Deputy Engineer
 P.H.A.D.B Sub. Div. No. VII
 Shivaji Nagar, Solapur


EXECUTIVE ENGINEER-II
 PMAY(U) / A.



महाराष्ट्र MAHARASHTRA

2025

62AB 921200

सोलापूर अनु क्र :

दिनांक :

23 SEP 2025

नांव : सौ/ श्री.

मिलिंद डाटके

यांनी रुपये 900/-

चा जनरल स्टॅम्प मागितलेवरून

ही रुपये 900/-

चा स्टॅम्प व भरतीस

रुपये

चा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेटे

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक / उपलेखापाल

स. मठपती

Shr

Appendix

Draft

Enclosure to Ministry of Road Transport & Highways Letter NO. 33044 / 29 / 2015
S&R(R) dated 22.11.2016.

Agreement Regarding Granting Of Right Of Way Permissions for Laying Utility Services
on National Highways.

Agreement to lay Drinking Water pipe line along and across National highway road at

- 1) From Ch- 249/730 (RHS) to Ch- 250/150 (RHS),
- 2) Crossing at Ch- 250/150 (RHS) to Ch- 250/150(LHS) by HDD Method.
- 3) From Ch- 250/150 to Ch- 250/730 (LHS), abutting on the boundary of Pune - Solapur NH- 65 in Maharashtra State.

11/10

Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

EXECUTIVE ENGINEER-II
PMAY (U) / A.

This Agreement made thisday of.....month of 2025 year between National Highway acting in his executive capacity through(hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors is office and assigns) on the one part, and Executive Engineer-II PMAY Maharashtra Housing and Area development authority, Mumbai, (Hereafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands abutting on the boundary of NH- 65 on Pune - Solapur Road in Kilometer

- 1) from Ch- 249/730 to Ch- 250/150 (RHS),
- 2) Crossing at Ch- 250/150 (RHS) to Ch-250/150 (LHS) by HDD Method.
- 3) from Ch- 250/150 to Ch- 250/730 (LHS), abutting on the boundary of Pune - Solapur NH- 65 in Maharashtra State.

Whereas the Licensee proposes to lay Drinking water pipe line. Referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services from Km

- 1) from Ch- 249/730 to Ch- 250/150 (RHS),
- 2) Crossing at Ch- 250/150 to Ch-250/150 (LHS) by HDD Method.
- 3) from Ch- 250/150 to Ch- 250/730 (LHS)

And whereas the Authority has agreed to grant such permission for way leave on the NH ROW as per terms and conditions hereafter mentioned.

Now this agreement witnesses that in consideration of the conditions hereafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely.

1. ROW permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway ROW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the ROW and any subsequent user will be permitted to use the ROW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfillment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.


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3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, testing and commissioning, maintenance and operation and all other activities essential and required for efficient functioning of their own utility / industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs /sq m /month to the Authority. The License fee shall become payable from the date of handing over of ROW land to the Licensee, for laying of utilities/pipes/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement, in case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @15% per annum compound annually.
6. Present policy of the MORT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of ROW. In case where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subjects to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the ROW. In case of restricted width of ROW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/ parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the ducts shall not be less than one lane, In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.



Deputy Engineer
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EXECUTIVE ENGINEER-II
PMAY (U) / A.

10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing/ conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the specification of the Ministry.
12. Existing drainage structure shall not be allowed to carry the lines across.
13. The top of the casing/conduits pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30cm, but not more than 60cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth not less than 30cm. 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 edges should be excavated and replaced by selected material.
 - b. The back fill shall be completed in two stages.
 - (i) Side-fill to the level of the top of the pipe. (ii) Overfill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping 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 ponding will not be permitted.
 - d. 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 Highway Authority.


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17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition 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.
18. All required restoration works subsequent to laying of the pipe shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. Per route meter / Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/ utility services & interference, interruption, disruption or failure cause thereof to any services etc. in case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, 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 extend the guarantee for a further period of one year. Not with standing this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ it's designed agency for any damage sustained by them by reason of the exercise of ROW facility;
21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities / underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc.


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23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in coordination with Authority shall also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highway. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by Trench Method & through Utility Duct. In case any damages are caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing of laying utility services, the Licensee has to execute the restoration work in a time bond manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the authority shall have a right to make good the damages caused by excavation at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/ give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The Licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying pipes/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.


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30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs of alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. 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. No use of NH ROW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of water pipe line (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to site at all time to the authorized representatives of Authority to inspect the Project Facilities and investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and HDD to the satisfaction of the concerned agency anything contained with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for 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.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:


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- a. Operation repair and maintenance guidelines given by the manufactures,
 - b. The requirements of Law,
 - c. The physical conditions at the Site, and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measure like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. 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 utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated HDD/trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the ROW.
42. Any disputes in interpretation of the terms and conditions of the Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective concessionaires. MoRT&H/ NHAI/ implementing Authorities for the project shall not be liable to the concessionaire in any way in this regard.

This agreement has been made in duplicate, each on a Stamp Paper, Each party to this Agreement has retained one stamped copy each.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur


EXECUTIVE ENGINEER-II
PMAY(U) / A.

IN WITNESS WHEREOF THE PARTIES HERE TO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SEALED AND DELIVERED FOR AND BEHALF OF AUTHORITY.

BY SHRI. _____
(Signature, Name & address with stamp)


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur


EXECUTIVE ENGINEER-II
PMAY (U) / A.

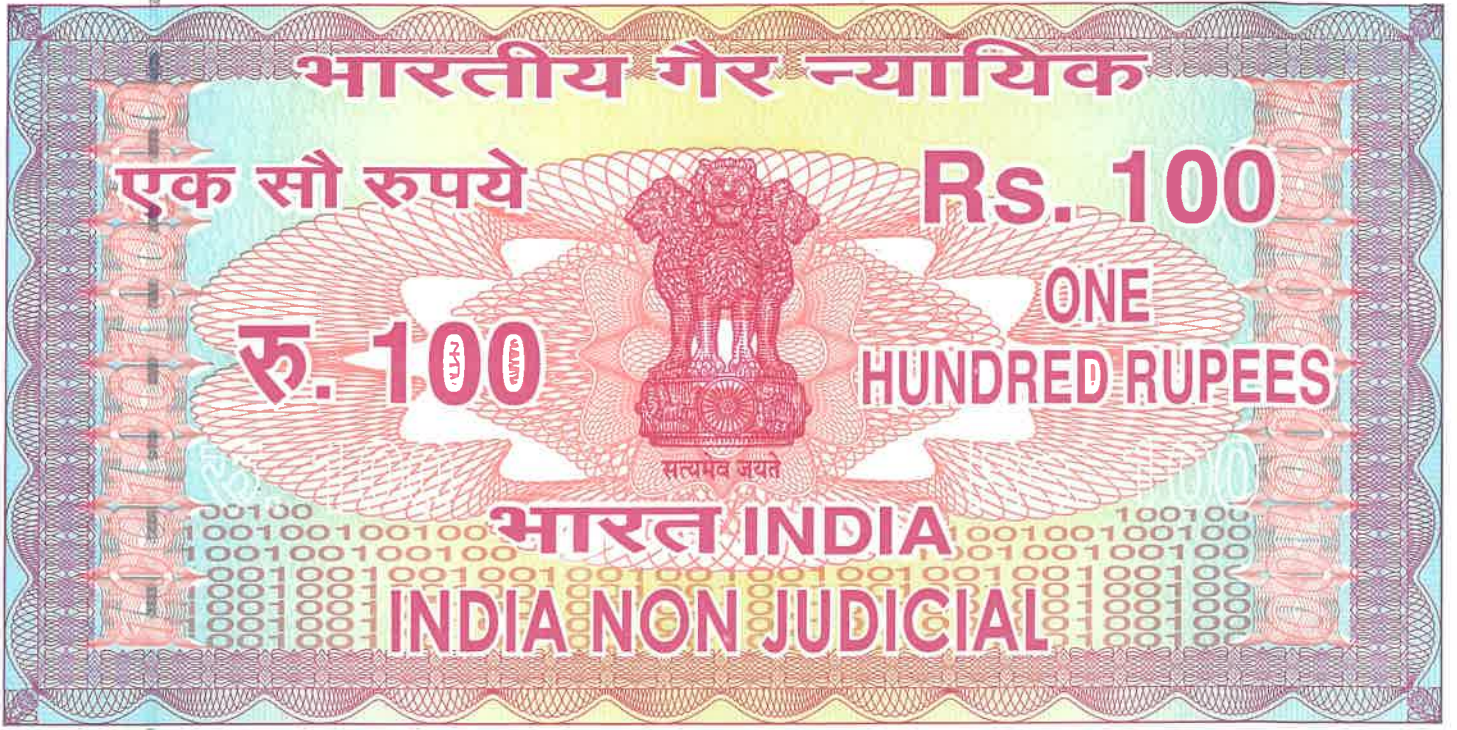
SIGNED ON BEHALF OF M/S _____ (LICENSEE)

BY SHRI _____
(Signature, Name & address with stamp)

HOLDER OF GENERAL POWER OF ATTORNEY DATED _____ EXECUTED IN ACCORDANCE
WITH THE RESOLUTION NO. _____ DATED _____ PASSED BY THE BOARD OF DIRECTORS
IN THE MEETING HELD ON _____
IN THE PRESENCE OF (WITNESSES):

1)

2)



महाराष्ट्र MAHARASHTRA

2025

62AB 921199

सोलापूर अनु क्र : ४४६७३

दिनांक : 23 SEP 2025

नांव : सौ/ श्री.

मिलिंद शिंदे

यांनी रुपये १००/- वा जनरल स्टॅम्प मागितलेवरून

१०० रुपये वा स्टॅम्प व भरतीस

रुपये वा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेढरे

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५
परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोबागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक/उपलेखापाल

S. M. H. P. T.

Shivaji

Annexure 2.1

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

From,
PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

Shivaji

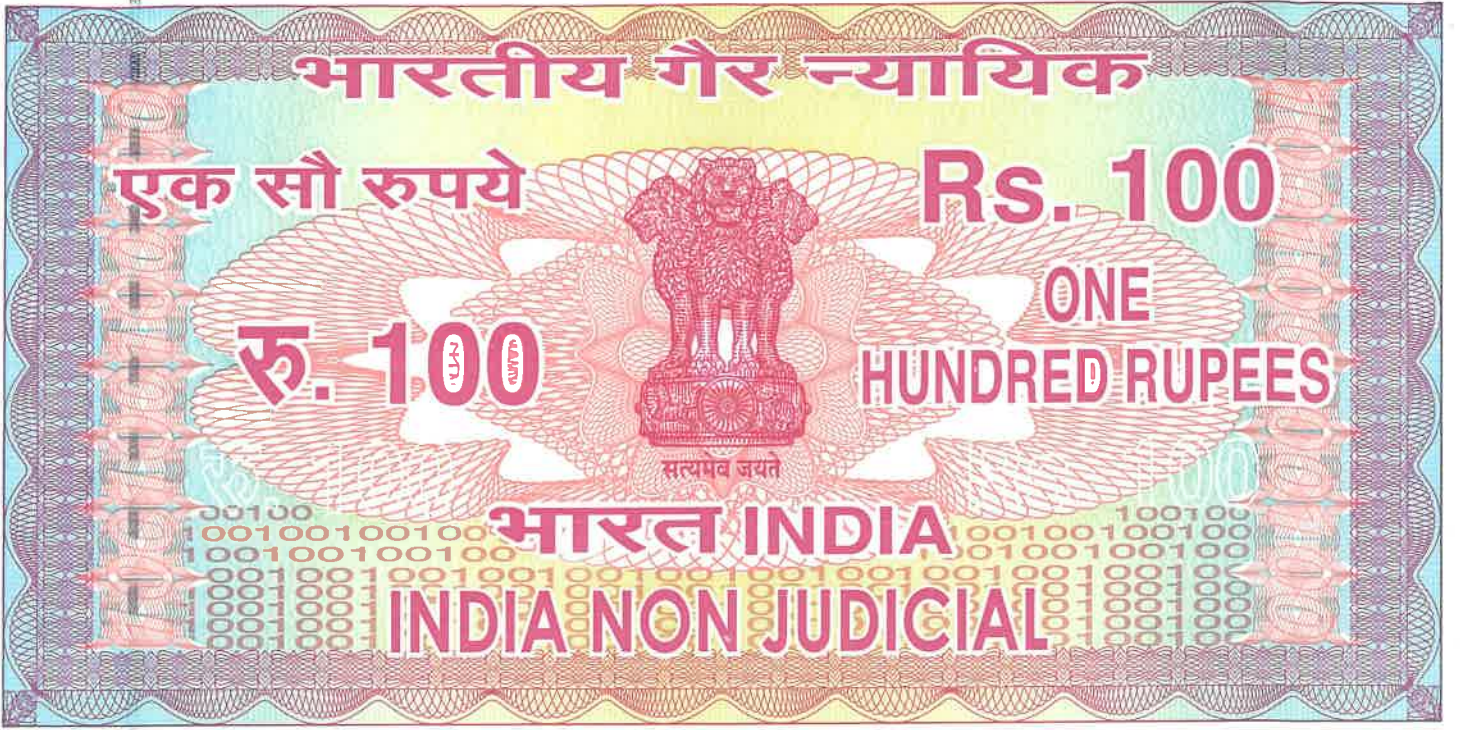
- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We will not damage to other Utility, if damaged than we are ready to pay the losses to NHAI or to the concerned agency, as directed by NHAI.


EXECUTIVE ENGINEER-II
PMAY (U) / A.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

For, PMAY, MHADA Mumbai.



महाराष्ट्र MAHARASHTRA

2025

62AB 921196

सोलापूर अनु क्र : २४६००

दिनांक 23 SEP/ 2025

नांव : सौ/ श्री.

मिलिंद अलका

यांनी रुपये १००/- वा जनरल स्टॅम्प मागितलेवरून

हा रुपये १००/- वा स्टॅम्प व भरतीस

रुपये वा जनरल स्टॅम्प

या करणांकटिता दिला

एस. आर. मेरेणु

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५
परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२९८६९०८

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक/उपलेखापाल

2.48441

Annexure 2.2

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

From,
PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

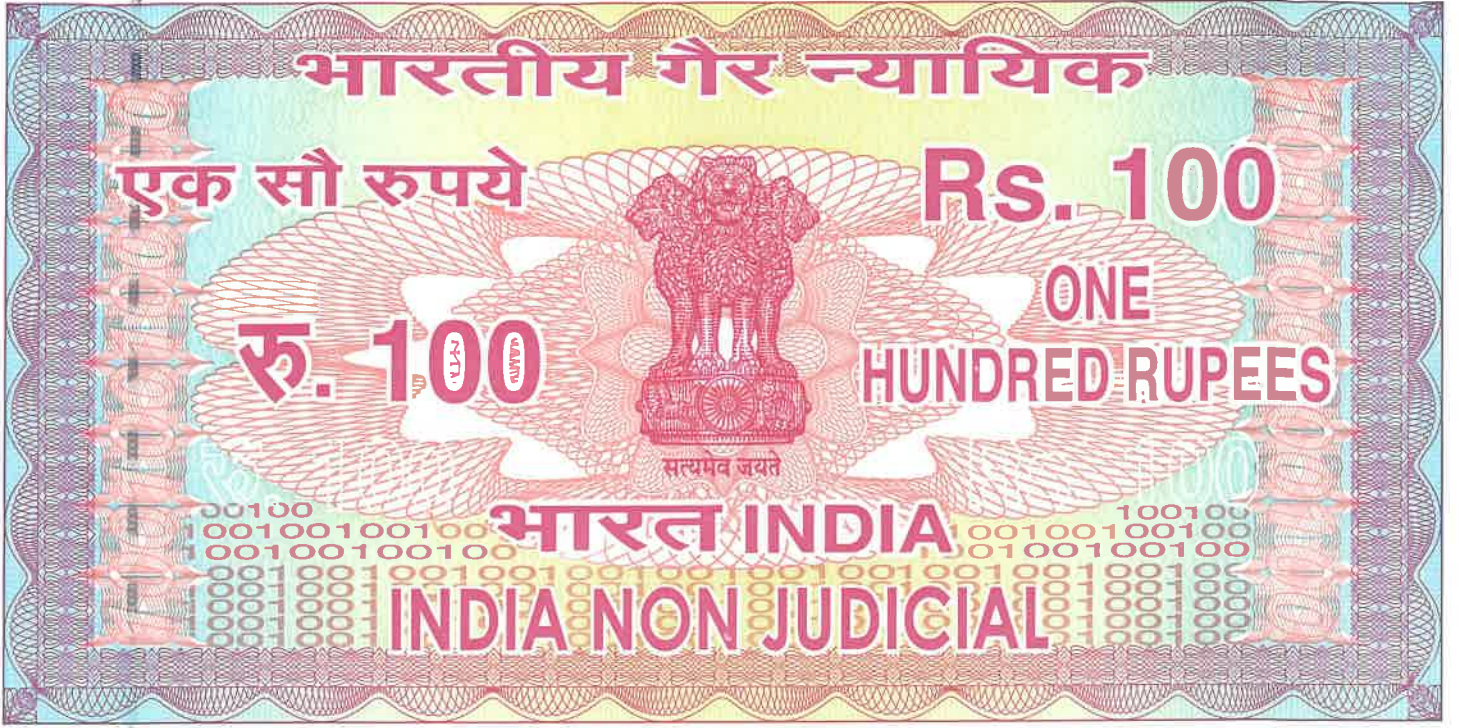
- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We Shall furnish Bank Guarantee as per NHAI Norms before execution of work and renew it timely required.


EXECUTIVE ENGINEER-II
PMAY (U) / A.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

For, PMAY, MHADA Mumbai.



महाराष्ट्र MAHARASHTRA

● 2025 ●

62AB 921195

सोलापूर अनु क्र :

४४६६६

दिनांक :

23 SEP 2025

नांव : सौ/ श्री.

मि. लिंग शिंदे

यांनी रुपये

१००/-

चा जनरल स्टॅम्प मागितलेवरून

हा रुपये

१००/-

चा स्टॅम्प व भरतीस

रुपये

चा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेरु

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक/उपलिखापाल

हे.स. ३.स.व.नी

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Annexure 2.3

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

From,
PMAY, MHADA Mumbai.

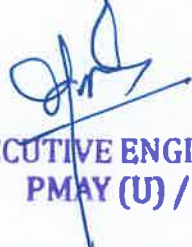
We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

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- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We Shall follow and abide by confirming all standard conditions of MoRT&H and NHAI guidelines regarding laying water pipe line along project.


EXECUTIVE ENGINEER-II
PMAY (U) / A.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

For, PMAY, MHADA Mumbai.



महाराष्ट्र MAHARASHTRA

2025

62AB 921193

सोलापूर अनु क्र : २४६६०

दिनांक : 28 SEP 2025

नांव : सौ/ श्री.

मिलिंद मरकळे

यांनी रुपये १००/- वा जनरल स्टॅम्प मागितलेवरून

ह्या रुपये १००/- वा स्टॅम्प व भरतीस

रुपये वा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेरगु

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक/उपलेखापाल

हस्ते S. मरपती

Annexure 2.4

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

From,
PMAY, MHADA Mumbai.

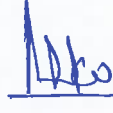
We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do necessary alteration including **Shifting of water pipe line** Line as and when required by NHAI shall be carried out at our own cost and responsibility.


EXECUTIVE ENGINEER-II
PMAY (U) / A.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

For, PMAY, MHADA Mumbai.



महाराष्ट्र MAHARASHTRA

2025

62AB 921191

सोलापूर अनु क्र :

२४६५

दिनांक :

15 SEP 2025

नांव : सौ/ श्री.

मिलिंद शिंदे

यांनी रुपये १००/-

वा जनरल स्टॅम्प मागितलेवरून

ह्या रुपये १००/-

वा स्टॅम्प व भरतीस

रुपये

वा जनरल स्टॅम्प

या करणांकटिता दिला

एस. आर. मेरगु

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक/उपलेखापाल

सममंती

शेन

Annexure 2.5

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

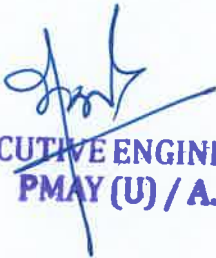
From,
PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer
P.H.A.D.B Sub Div. No. VII
Shivaji Nagar Solapur

- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do necessary alteration including Shifting due to 6/8 laning / widening of NH shall be carried out at our own cost and responsibility.


EXECUTIVE ENGINEER-II
PMAY (U) / A.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

For, PMAY, MHADA Mumbai.



महाराष्ट्र MAHARASHTRA

2025

62AB 921188

सोलापूर अनु क्र : ४४६६९

दिनांक: 23/SEP 2025

नांव : सौ/ श्री.

मिलिंद डाहरे

यांनी रुपये १००/-

चा जनरल स्टॅम्प मागितलेवरून

ह्या रुपये १००/-

चा स्टॅम्प व भरतीस

रुपये

चा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेरु

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक/उपलेखापाल

डॉ. S. S. S. S.

Annexure 2.6

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

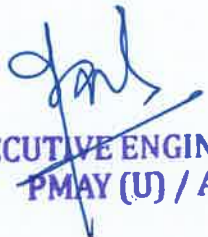
From,
PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

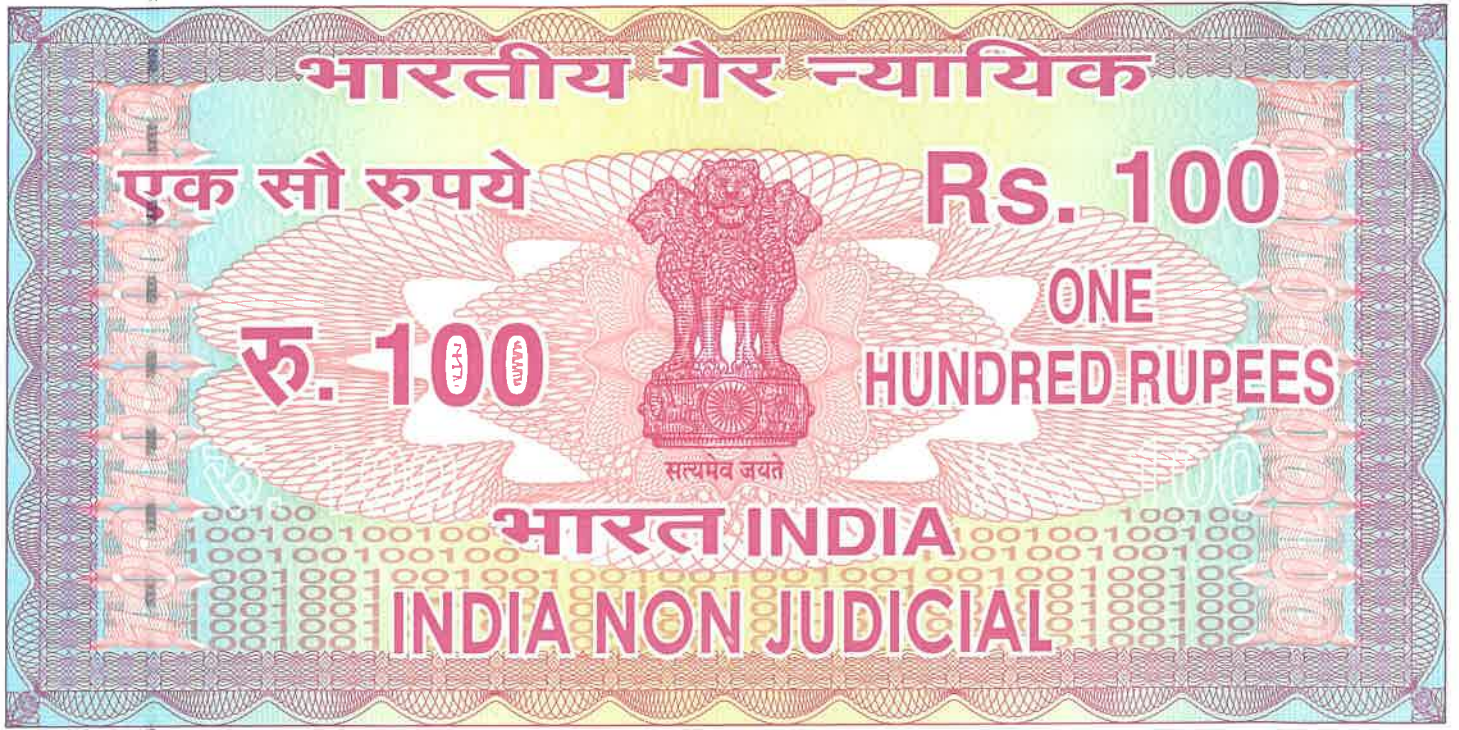
Deputy Engineer
P.H.A.D.B. S. Div. No. VII
Shivaji Nagar, Solapur

- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do Indemnity against all damage and claims clues (xxiv) during work.


EXECUTIVE ENGINEER-II
PMAY (U) / A.


For, PMAY, MHADA Mumbai.
Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur



महाराष्ट्र MAHARASHTRA

● 2025 ●

62AB 921186

सोलापूर अनु क्र : २२६६० दिनांक : 23 SEP 2025

नांव : सौ/ श्री. मिलिंद अहमद

यांनी रुपये १००/- वा जनरल स्टॅम्प मागितलेवरून

या रुपये १००/- वा स्टॅम्प व भरतीस

रुपये वा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेरगे

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोषागार का.लय सोलापूर
15 SEP 2025
मुद्रांक प्रमुख लिपीक/उपलेखापाल
श्री. S. महापति

Annexure 2.7

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

From,
PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

Handwritten signature of the Deputy Engineer.

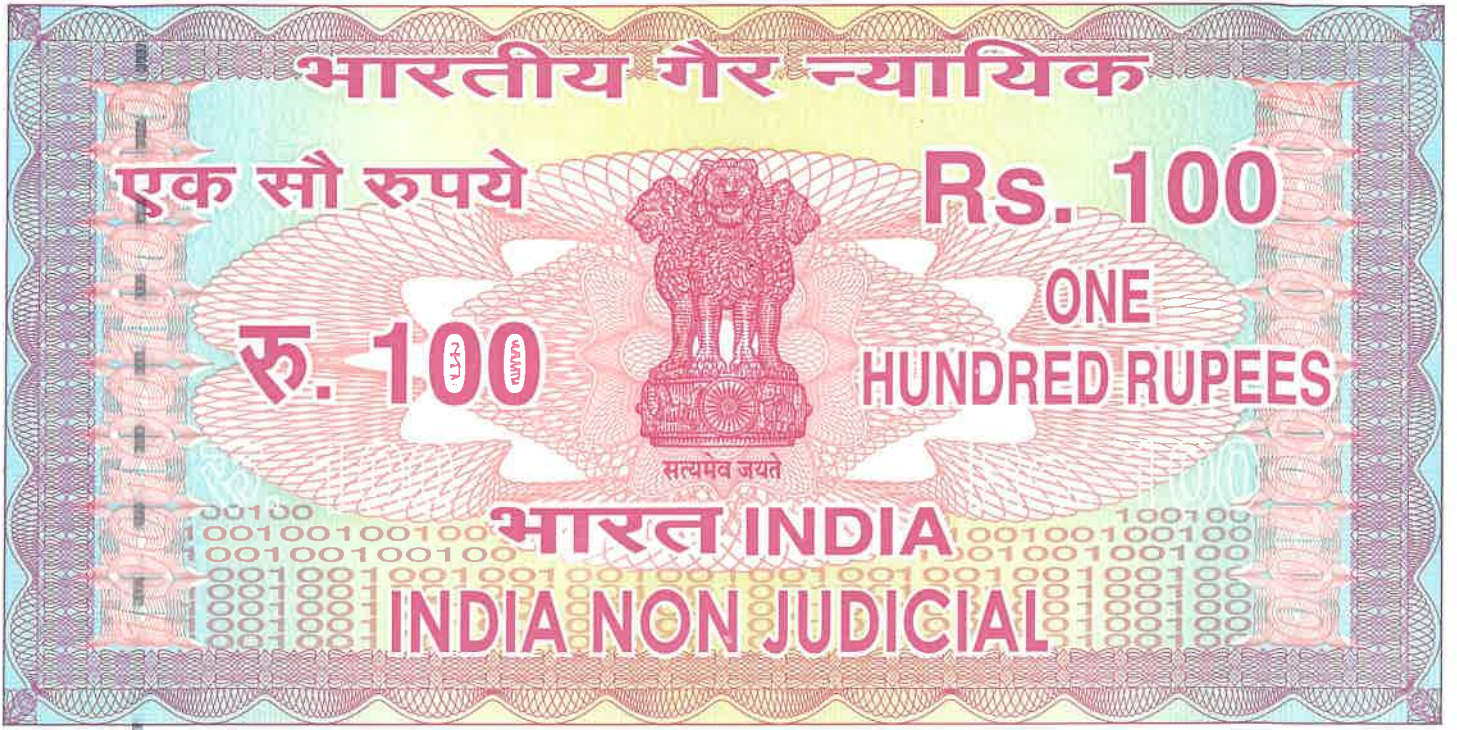
- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do hereby undertake about **Traffic movement during laying of water pipe line to be managed by us.**

For, PMAY, MHADA Mumbai.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur


EXECUTIVE ENGINEER-II
PMAY (U) / A.



महाराष्ट्र MAHARASHTRA

2025

62AB 921185

सोलापूर अनु क्र :

दिनांक :

23 SEP 2025

नांव : सौ/ श्री.

यांनी रुपये 900/-

या रुपये 900/-

रुपये

चा जनरल स्टॅम्प मागितलेवरून

चा स्टॅम्प व भरतीस

चा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेरगे

मुद्रांक विक्रेता, सोलापूर कोड नं : 2699006

परवाना ता. 02/42/9990 मो. नं. 9022906900

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक/उपलेखापाल

के. डी. वल्लभ

Signature

Annexure 2.8

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

From,
PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer

P.H.A.D.B S. Div. No. VII

Shivaji Nagar, Solapur

Signature

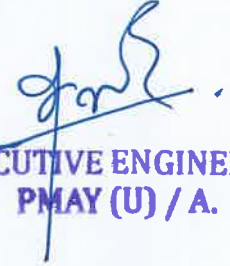
- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do hereby undertake that if any Claims is raised by the Concessionaire, then the same has to be paid by us.

For, PMAY, MHADA Mumbai.



Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur



EXECUTIVE ENGINEER-II
PMAY (U) / A.

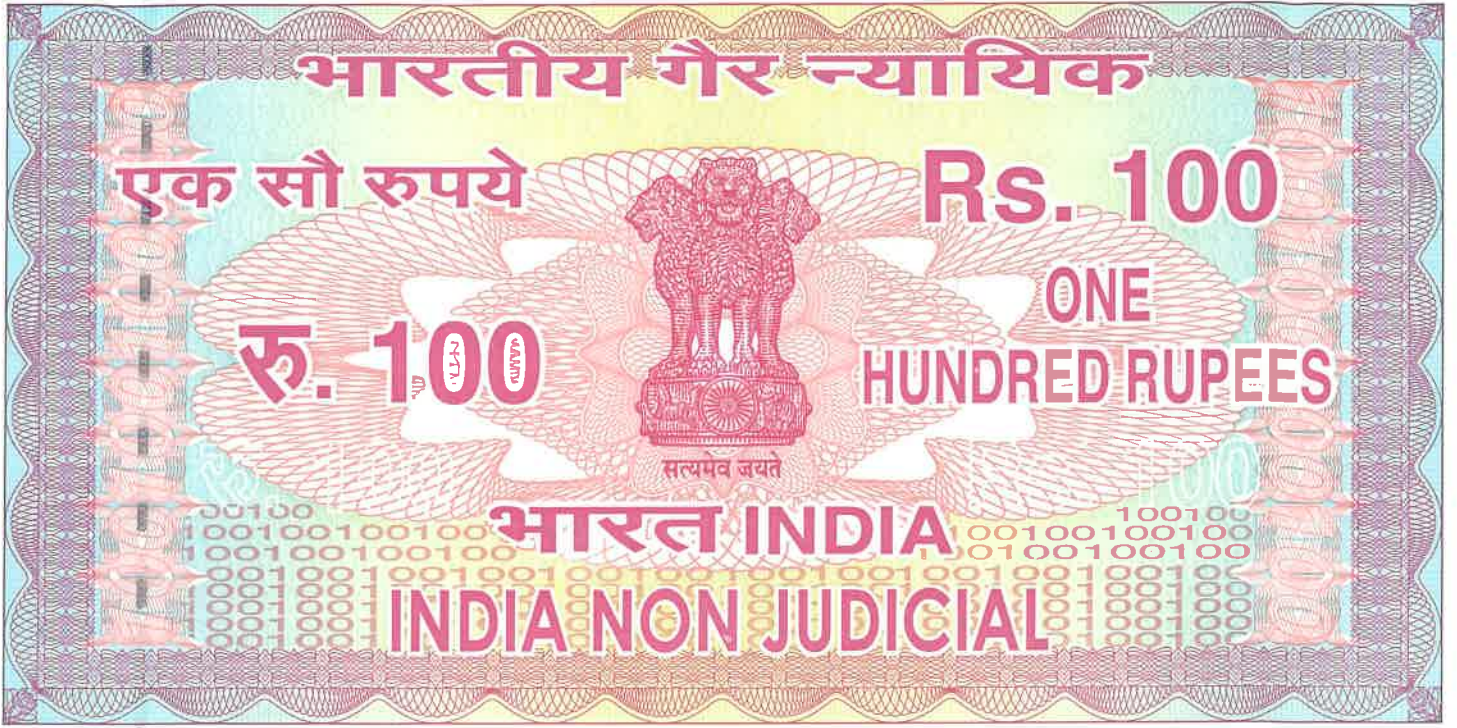
- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do hereby undertake about prior approval of NHA shall be obtained before undertaking any work of installation shifting or repair or alteration to showing Power line located in the National Highway Right of way.

For, PMAY, MHADA Mumbai.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur


EXECUTIVE ENGINEER-II
PMAY (U) / A.



महाराष्ट्र MAHARASHTRA

● 2025 ●

62AB 921180

सोलापूर अनु क्र :

२४६५४

दिनांक

23 SEP/2025

नांव : सौ/ श्री.

मिलिंद अ. के.

यांनी रुपये

१००/-

चा जनरल स्टॅम्प मागितलेवरून

हा रुपये

१००/-

चा स्टॅम्प व भरतीस

रुपये

चा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेरगु

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक/उपलेखापाल

६५४५४

६५४५४

Annexure 2.10

UNDERTAKING

To,

The Project Director,
National Highways Authority of India,

From,

PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

६५४५४

Deputy Engineer

P.H.A.D.B Sub Div. No. VII

Shivaji Nagar, Solapur

६५४५४

- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do hereby undertake that laying of underground water pipe line will not have any deleterious effect on any of the bridge components and roadways safety for traffic

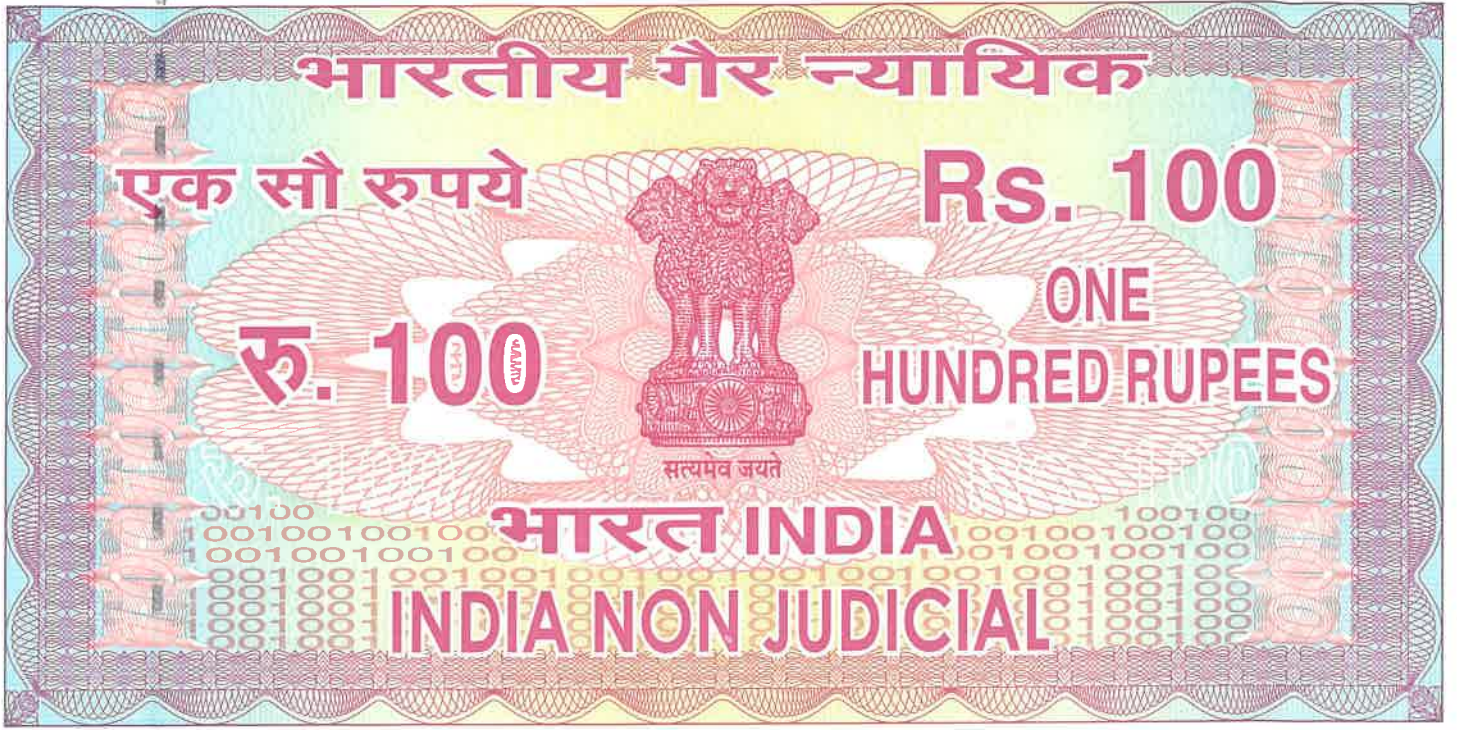
For, PMAY, MHADA Mumbai.



Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur



EXECUTIVE ENGINEER-II
PMAY (U) / A.



महाराष्ट्र MAHARASHTRA

2025

62AB 921178

सोलापूर अनु क्र :

२२६५९

दिनांक :

22 SEP 2025

नांव : सौ/ श्री.

सिलिंदर अहले

यांनी रुपये १००/-

चा जनरल स्टॅम्प मागितलेवरून

ह्या रुपये १००/-

चा स्टॅम्प व भरतीस

रुपये

चा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेरठ

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८

कोषागार कार्यालय सोलापूर

15 SEP 2025

मुद्रांक प्रमुख लिपीक / उपलेखापाल

२०२५ १५ ९

२०२५ १५ ९

Annexure 2.11

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

From,
PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

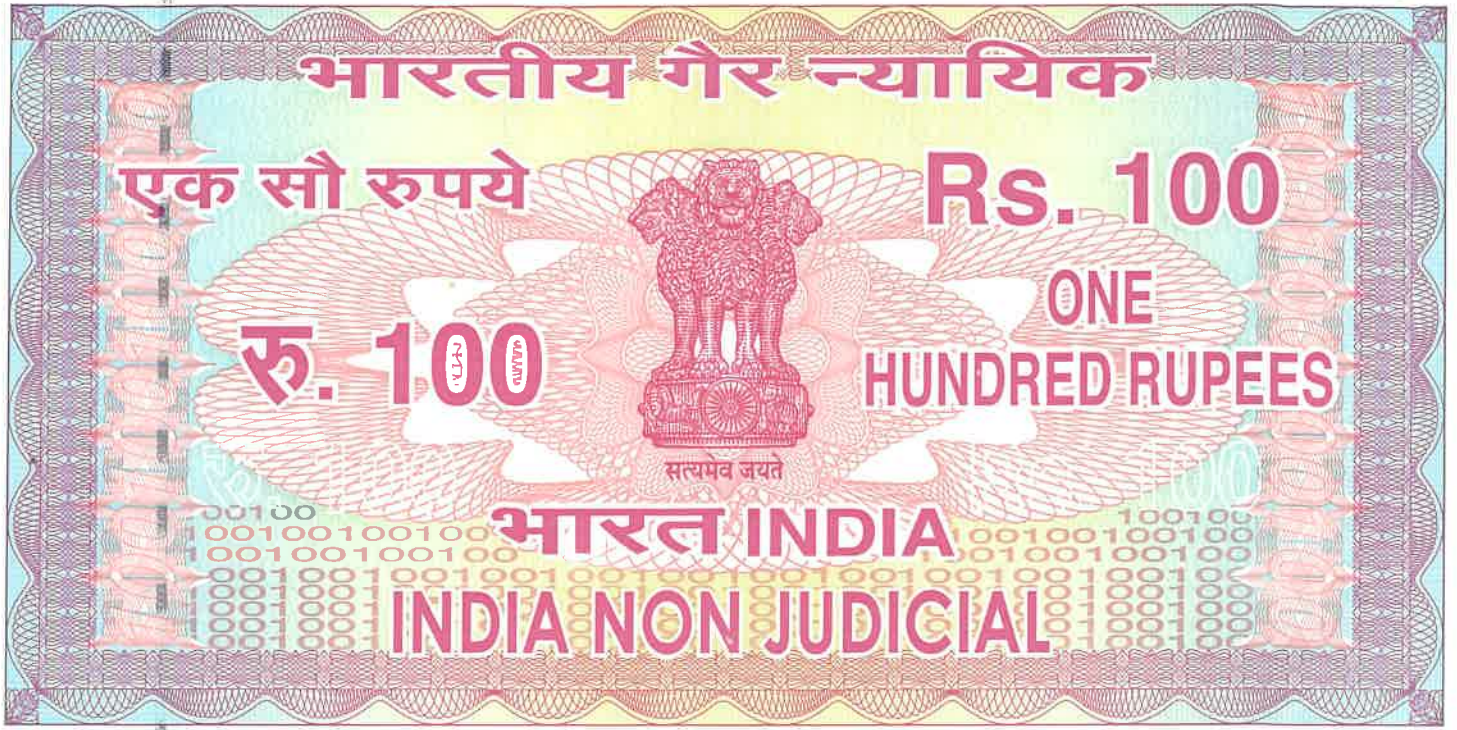
- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do hereby undertake that if 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 NHAI at the cost of the agency owning the Utility line within a reasonable time (not exceeding 60 days) of the intimation given.

For, PMAY, MHADA Mumbai.


Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur


EXECUTIVE ENGINEER-II
PMAY (U) / A.



महाराष्ट्र MAHARASHTRA

2025

62AB 921176

22 SEP 2025

सोलापूर अनु क्र :

दिनांक : / /

नांव : सौ/ श्री.

मिलिंद अटकळे

यांनी रुपये 900/-

वा जनरल स्टॅम्प मागितलेवरून

ह्या रुपये 900/-

वा स्टॅम्प व भरतीस

रुपये

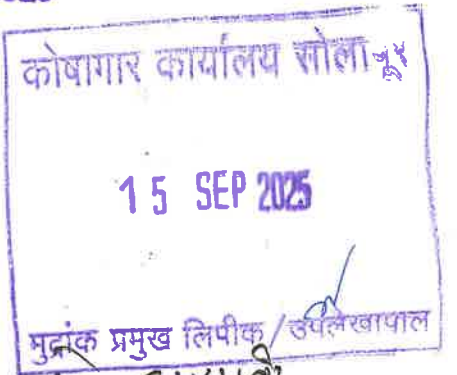
वा जनरल स्टॅम्प

या करणांकरिता दिला

एस. आर. मेरु

मुद्रांक विक्रेता, सोलापूर कोड नं : २५११००५

परवाना ता. ०२/१२/१९९८ मो. नं. ९८२२१८६९०८



Annexure 2.12

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,

From,
PMAY, MHADA Mumbai.

We do hereby to undertake in connection with Laying of Drinking water supply DI Pipe line of 200 mm dia, by Trench method along NH & across the road by HDD method, abutting on the boundary of NH-65 at Km.

Deputy Engineer
P.H.A.D.B Sub. Div. No. VII
Shivaji Nagar, Solapur

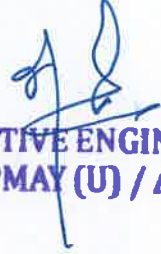
- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch. 250/150 (RHS) to 250/150 (LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

We do hereby undertake that laying of underground water pipe line will not have any deleterious effect on any of the bridge components and roadways safety for traffic

For, PMAY, MHADA Mumbai.



Deputy Engineer
P.H.A.D.E Sub. Div. No. VII
Shivaji Nagar, Solapur



EXECUTIVE ENGINEER-II
PMAY (U) / A.

Subject: Issue of NO Objection Certificate & Permission for Laying of Drinking Water Supply Utility DI pipe line of 200 mm Dia. by Trench Method along the Pune - Solapur National Highway no.65 & across the Project by HDD method by Providing DI Pipe line of 200 mm Dia at below chainages.

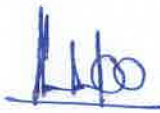
- 1) Along the NH- 65 from Ch- 249/730 to Ch- 250/150 (RHS).
- 2) Across the NH-65 by HDD method at Ch.250/150(RHS) to 250/150(LHS).
- 3) Along the NH-65 from Ch- 250/150 to Ch- 250/730 (LHS) at North Solapur Village, Tal- North Solapur, Dist- Solapur in Maharashtra State.

- 1) i) Name of Applicant : Executive Engineer- 2.
ii) Full Address : , PMAY, Maharashtra Housing & Area Development Authority, Kalanagar, Bandra (East), Mumbai-400051.
iii) Details & Purpose for laying the : Drinking Water Pipe line by HDD method & Open trench method.
- 2) Detail regarding road where pipe To be laid
i) Name and Number of NH : Pune - Solapur Road, NH- 65.
ii) ROW : 60m
iii) Km/Chainage : Ch-249/730 to Ch 250/150
Ch 250/150 (RHS) to Ch 250/150 (LHS)
Ch- 250/150 to Ch- 250/730 (LHS)
iv) Village : North Solapur.
v) Taluka : North Solapur.
vi) District : Solapur.
- 3) Details to be supplied on layout enclosed. : 2 sets of proposed route drawings are enclosed.
- 4) Geographic's of the (HDD) water pipe line route.
a) Dimension of the casing pipe : 300mm dia. MS pipe.
b) Right of way : The proposed Open Trench Method & HDD Method for Drinking water pipe line laying will be laid along & across the NH-65.
- 5) This is to certify that no Government Road land shall be occupied by PMAY, MHADA Mumbai., Mumbai. Except for the purpose of laying of underground water pipe line.
- 6) This is to certify that the work shall be in accordance with the Government Rules and regulations in force from time to time and binding to PMAY, MHADA Mumbai., Mumbai. This is to certify that all required Cost and Fees as per rules and regulations of the Government will be deposited timely.

Date:

Place: Solapur.

PMAY, MHADA Mumbai., Mumbai.


Deputy Engineer
P.H.A.D.B. Secy. Div. No. VII
Shivaji Nagar, Solapur

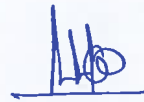

EXECUTIVE ENGINEER-II
PMAY (U) / A.

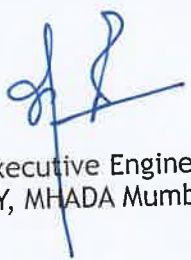
Methodology for laying of 200 mm dia. DI pipe by trench method & by HDD method.

The pipeline shall be generally buried except for rocky hillocks in alignment. Soil cover shall be not less than 900 mm. Minimum cover specified is obligatory. The trench width shall be 850 mm. The pipeline shall be laid in proper slope without any kink or dip in profile so as to facilitate air flow towards air valve for further release to atmosphere. The slope shall generally not be less than 1:50 for ascending section and 1:400 for descending section. Where such minimum slope cannot be achieved, the lesser slope shall be adopted with prior approval of employer's representative. Spacing between air valves in section with lesser slope shall be less than general spacing details for the air valve. Bedding shall be granular as specified in standard specification. Sand boxing for pipeline shall be provided for black cotton soil portion and rubble soling of minimum 300 mm shall be provided for slush muddy/ marshy/ slushy soil.

Refilling of Trench pipeline.

After lowering, laying, jointing and welding of pipeline, coating for welded joints, refilling of trenches with available excavated stuff shall be done. The available excavated stuff shall be laid in layers of 15 cm to 20 cm. Each layer should be watered and compacted before the upper layer is laid till the required level is reached. First 2 layers of 15 cm to 20 cm shall be free from stones or chips or any harmful material, to protect the pipe from damage. Only soil or soft murum shall be used for filling. Originally filling shall be done 30 to 40 cm above natural ground or road level. Sinking below the ground level, or road level, if noticed till the completion of work, the contractor shall have to make it level at his cost.


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Methodology of laying 700mm dia. casing of MS pipe & 200mm dia. DI pipe by HDD method.

1. Specification-

- a. Pushing of 700mm dia. MS casing pipe with water pipe line of 200mm dia. For road crossing by push through method in all types of strata by using hydraulic jack and drilling machines MS casing pipes, lowering, laying, joining of material, required welding machinery, tripod, chain pulley block Crain blower, compressor, loading and unloading of machinery into the trench etc., transportation and dewatering etc., complete.

2. Actual field Methodology-

- a. The pilot hole is drilled with a diameter of 100mm long and proposed design centerline.
- b. Then, the pilot hole is enlarged by back reaming to the desired 700mm dia. Of MS casing pipe with DI water pipe line of 200mm dia. By successive passes of different sized back reamers, to install the desired utility product pipe.
- c. The product pipe is connected to the end of the drilling rod and back reamer assembly by a swivel and pulled through the enlarged pilot hole.
- d. The pilot hole is normally drilled by a surface launched rig with an inclined carriage that is typically adjusted at an angle of 8 to 18 degree from the surface of the ground for entrance and between 8 and 12 degrees at the exit. Rotating the drill bit, assisted by the thrust force transferred from the drill string, performs soil cutting in the mechanical drilling process. The mechanical drill bits may vary from a slim cutting head with a slanted face for small and short bore applications to a diamond mounted roller cutter used with mud motors for large and long crossings.
- e. The utility boring method utilizes high pressure, low-volume drilling fluid, usually Benton it mud, to jet through shallow, soft soil formations to ensure the surrounding formation will not become saturated and unstable.



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