



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

क्षेत्रीय कार्यालय : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Regional Office : F-120, Janpath, Shyam Nagar, Jaipur-302019

Tel. (O) / फोन : (ऑ.) 0141-2292056, 2292049

E-mail / ई-मेल : rojaipur@nhai.org Web. / वेब : www.nhai.gov.in



क्रमांक: NHAI/18013/1/2021-ROJ/Permission-Laying PHED Water Pipeline/278/NH-148, km 4.700 to 47.650/1962 दिनांक: 13.10.2023

INVITATION OF PUBLIC COMMENTS

- विषय:** Proposal for grant of permission for laying 400mm & 1600mm dia from Km. 4+700 to 8+7200 (LHS), from Km. 8+720 to 34+00 (RHS) and from Km. 34+00 to 47+650 (LHS) and 2 Nos. road crossing at Km. 8+720 & 34+400 (Total length 42.950 Km.) for PHED drinking water pipeline between Dausa to Lalsoot, on NH-148 under water supply transmission main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of Distt. Dausa construction of WTP, Pump Houses and CWRs under Isarda-Dausa water supply project under Jal Jeevan Mission (JJM) Distt- Dausa (Pkg-Ist) by PHED-reg.
- सन्दर्भ:** (i) EE, PHED, Sohela letter dt 26.12.2022, letter dt 22.02.2023, letter no 120 dt 27.04.2023 letter no. 500-502 dt. 20.07.2023 and letter no. 709-11 dated 25.08.2023.
- (ii) PD, PIU-Dausa letter no 23011/23/PIU/DAU/NOC/PHED/18278 dated 15.09.2023 (received on 22.09.2023).

Sir,

It is to inform all concern EE, PHED, Sohela vide letter cited under ref. (i) above has submitted a proposal for the subjected work and PD, NHAI, PIU, Dausa has submitted the above proposal vide letter under reference (ii) for approval of the Competent Authority, Highway Administration.

2. The proposal is for grant of permission for laying 400mm & 1600mm dia from Km. 4+700 to 8+7200 (LHS), from Km. 8+720 to 34+00 (RHS) and from Km. 34+00 to 47+650 (LHS) and 2 Nos. road crossing at Km. 8+720 & 34+400 (Total length 42.950 Km.) for PHED drinking water pipeline between Dausa to Lalsoot, on NH-148 under water supply transmission main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of Distt. Dausa construction of WTP, Pump Houses and CWRs under Isarda-Dausa water supply project under Jal Jeevan Mission (JJM) Distt- Dausa (Pkg-Ist) by PHED.

3. As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration 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).

4. In view of the above, before approval of the competent authority, the comments/objections of affected public is hereby invited with reference to the Ministry's circular dated 22.11.2016 due to laying PHED Water Pipeline along and across the subjected project stretch. The objections/comments may be addressed to the below mentioned address upto 12.11.2023, beyond due date, no comments/objections will be accepted.

The Regional Officer, Regional Office - Jaipur
National Highways Authority of India,
F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,
Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org

This issues with the approval of Highway Administration-cum Regional Officer, NHAI, Jaipur

भवदीय,

(मन्मोज खोड़ा)
प्रबन्धक (तकनीकी)

- Copy to:** (i) Web Admn., NHAI, HQ, New Delhi - for uploading in NHAI's website [web-admin@nhai.org]
- (ii) Director, NIC, New Delhi - for uploading in Ministry's website. [mansoor@nic.in]
- (iii) PD, PIU-Dausa: for information.
- (iv) EE, PHED, Sohela: for information.



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority Of India
(Ministry of Road Transport & Highways, Govt. of India)



परियोजना कार्यान्वयन इकाई, दौसा
87, गंगा विहार कॉलोनी, होटल रावत पैलेस की पीछे, दौसा-303303 (राज.)
Project Implementation Unit, Dausa
87, Ganga Vihar Colony, Behind Hotel Rawat Palace, Dausa-303303 (Raj.)
दूरभाष / Telephone : 01427-224918 ई-मेल / E-mail : dausa@nhai.org

No. 23011/23/PIU/DAU/NOC/PHED/NOC/18278

Regional Officer,
National Highways Authority of India
F-120, Jan Path, Shyam Nagar,
Jaipur.



Date: 15.09.2023

M(T)-MK
22/9

Sub.: Development and Construction of Four Laning/Two Laning with Paved Shoulder from Km 0.000 to Km 83.453 of Dausa - Lalsot - Kothoon Section of NH-11A Extn. in the State of Rajasthan under NHDP Phase-IV on Hybrid Annuity Mode. Permission for 2 road crossing for drinking water pipeline between Dausa to Lalsot, on NH-148 under water supply for work of Transmission main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of Distt. Dausa Construction of WTP, pump houses and CWRs under Isarda Dausa water Supply project including 10 years O&M after one year defect liability period under Jal Jeevan Mission (JJM) Distt. Dausa (Pkg-Ist). -reg

- Ref.:**
1. Canara Bank email dated 05.09.2023
 2. This office letter no. 18135 dated 01.09.2023
 3. EE PHED Sohela letter no. 709-11 dated 25.08.2023
 4. This office letter no. 17767 dated 07.08.2023
 5. IE letter no. 2588 dated 01.08.2023
 6. EE PHED Sohela letter no. 500-502 dated 20.07.2023
 7. IE letter no. 2560 dated 21.06.2023
 8. This office letter no. 16834 dated 18.05.2023
 9. EE PHED Sohela letter no. 120 dated 27.04.2023
 10. This office letter no. 16384 dated 06.04.2023
 11. IE letter no. 2495 dated 29.03.2023
 12. This office letter no. 16048 dated 09.03.2023
 13. EE PHED Sohela letter dated 22.02.2023
 14. This office letter no. 15708 dated 20.01.2023
 15. IE Letter no. 2458 dated 16.01.2023
 16. This office letter no. 15492 dated 02.01.2023
 17. EE PHED Sohela letter dated 26.12.2022

Sir,

Kindly refer PHED Sohela letter under ref (17) vide which subject proposal for 2 road crossing for drinking water pipeline between Dausa to Lalsot, on NH-148 under water supply for work of Transmission main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of Distt. Dausa Construction of WTP, pump houses and CWRs under Isarda Dausa water Supply project including 10 years O&M after one year defect liability period under Jal Jeevan Mission (JJM) Distt. Dausa (Pkg-Ist) was received in this office, the same was examined by the IE of the project highway and observations raised vide letter dated 29.03.2023

2. Further said observations were conveyed to PHED Sohela. vide this office letter under ref. (10) The PHED Sohela has submitted revised proposal with compliance of observations vide letter dated 27.04.2023 i.r.o. observations conveyed by this office letter dated 06.04.2023. And same was examined through Independent Engineer of the Project Highway, the Independent Engineer (IE) vide letter under ref. (7) Stated that:-

- The proposed water supply pipe line is 17670 M long in LHS and 25280 M in RHS of the Project Highway along the road with crossing of Highway at 2 locations i.e. 8+720 and at 34+000. The details are tabulated as under:-

S. NO.	Chainage (From)	Chainage (To)	Length (M)	Side	Type of section
1	4700	8720	4020	LHS	4-Lane
2	8720	34000	25280	RHS	4-Lane
3	34000	47650	13650	LHS	2-Lane

2

- The detailed checklist list enclosed at Annexure-F Page No. 1 to 7 of the proposal.
 - The License Fee payable has been calculated at Rs. 673367.86 per Month as per the DLC rates submitted. The details are enclosed at page 12 of the proposal.
- Accordingly, the proposal is hereby put forward for approval of the Competent Authority".

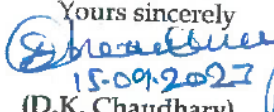
3. Further, the proposal was scrutinized in this office and accordingly, this office vide letter no. 17217 dated 21.06.2023 requested PHED Sohela to deposit requisite Bank Guarantee and license fee & a legal undertaking regarding laying of utility. Subsequently, PHED vide letter under ref. (6) requested this office to re-evaluate the fees in line with MoRTH circular dated 17.04.2023.

4. Accordingly, this office vide letter under ref.(4) conveyed PHED to deposit license fee amounting to Rs. 2,07,04,567 & Bank Guarantee amounting to Rs. 2,07,20,000 . PHED Sohela vide letter under ref.(3) submitted the Bank Guarantee and proof of deposition of License Fees in "Bharat Kosh" to this office. Moreover, PHED Sohela has also given a legal undertaking stating that *Pipeline shall be laid in extreme edge of ROW i.e. (in utility corridor). Further, if any disturbance is caused in NHAI ROW due to pipeline laying then same shall be rectified by PHED department at its own risk and cost. Further, all condition mentioned in License Agreement to be executed shall be followed by PHED meticulously.*

5. The Independent Engineer vide letter no. 2649 dated 15.09.2023 has also recommended the proposal stating that permission for cutting of trees shall be obtained from forest department .

6. In view of the above & based on recommendation by Independent Engineer, the subject proposal is hereby recommended for In-Principal Approval by Competent Authority subject to condition that permission for trees cutting shall be obtained from forest department.

Encl.: As above.

Yours sincerely

15-09-2023
(D.K. Chaudhary)
Project Director
NHAI, PIU-Dausa

Copy to:

1. Team Leader/Project Manager (NH-11A Extn.) for information.
2. EE, PHED Sohela. Tonk for information.

Application Details [20221225/1/5/16132/1871]

Highway	NH11A [NH11A]
Name of Highway Authority	
Highway Administration Address	
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	Manoj Jain Address: Public Health Engineering department Project Dev Saroli Tonk Rajasthan, TONK (RAJASTHAN), PIN 304802 Phn: 9887479536 Email: eesaroliproject@gmail.com
Application Category	Public Utility
Utility	Pipes
State	RAJASTHAN
Type	New
Remarks	For Jal Jeevan Mission
Submitted On	25 Dec 2022 12:32:08

Details

1. Length in Meters *	43050
2. Width of available ROW	
I. Left side from center line towards increasing chainage OR km direction *	25
II. Right side from center line towards increasing chainage OR km direction *	25
3. Proposal to lay the utility	
I. Left side from center line towards increasing chainage OR km direction *	17250

II. Right side from center line towards increasing chainage OR km direction *		29700
4. Proposal to acquire the land		
I. Left side from center line *		NA
II. Right side from center line *		NA
5. Whether proposal is in the same side where land is not to be acquired *		Yes
If not then where to lay the cable *		NA
6. Details of already laid services if any along the proposed route *		NA
7. Number of Existing lanes *		4 Lane
8. Proposed number of lanes *		4 Lane
9. Service road Exists *		Yes
10. Proposed Service road		
Left side from center line		25
Right side from center line		25
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *		N/A
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *		NA

13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *		YES
I. Whether the existing drainage structures are allowed to carry utility pipeline. *		NO
II. Is it on a line normal to NH? *		Yes
III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *		25.00
IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. *		YES
V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path *		YES

VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *		YES
VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *		YES
VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete or dense bituminous concrete type. *		Trenchless
14. Whether the proposal satisfies the following:		
I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *		NA

II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M 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 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. *		NA
IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. *		NA

V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. *	NA
15. Document/Drawings enclosed with the proposal *	No
I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *	NA
II. Cross section showing the size of pit and location of cable for HDD method *	NA
III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *	NA
IV. Methodology of laying of the Utility Pipeline/OFC *	Trenchless
V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *	NA

(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *		NA
(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *		NA
(c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust *		NA
(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *		NA

(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *		NA
(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *		NA
(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *		NA
VI. Horizontal Directional Drilling (HDD) Method *		yes
VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *		NA
16. Draft license Agreement signed by two witnesses. *		yes
I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *		yes
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *		Yes

I. Confirmation of BG has been obtained as per MoRTH guidelines *		Yes
18. Affidavit/Undertaking from the Applicant for following is to be furnished		
a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *		Yes
b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *		Yes
c) Undertaking Confirming all standard condition of Ministry's guidelines. *		Yes
d) Undertaking for indemnity against all damages and claims *		No
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *		Yes
f) Undertaking that if any claim is raised by the concessionalre/ contractor then the same has to be paid by the applicant. *		Yes

g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *		Yes
h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *		Yes
i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *		Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *		Yes
k) Certificate from the applicant in the following format		
l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development		
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *		yes

20. The Power of Attorney is in favour of authorized signatory? *	Yes
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Locations						
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	RAJASTHAN	DAUSA	NH11A [NH11A] (0.00-61.15) From Km: 4.7 To Km: 47.65	Chainage Point: 47.65 Lat: 26.544 Lng: 76.273	Chainage Point: 4.7 Lat: 26.864 Lng: 76.334	View

Documents				
Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	—
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	—
4	Under Submission	Safety Clearance from Directorate of Electricity	No	—
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	—
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	—
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	—
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	—
9	Under Submission	Any Other Statutory Clearance as applicable	No	—

Applicable Fee Details					
Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	0	

Name of Work- Regarding permission for 2 road crossing for drinking water pipeline between Dausa to Lalsot on NH-148 under water supply project for work of Transmission Main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of District Dausa, construction of WTP, pump houses and CWR under Isarda Dausa Water Supply Project including 10 Years O&M after one year defect Liability under Jal Jeevan Mission (JJM) District Dausa (Package- Ist)

Location- Dausa-Lalsot-Kauthun road NH-11A Extn.

Name of PIU- Dausa

Office of the Superintending Engineer PHED, Project Circle Tonk

Check list for getting approval for laying of water supply pipeline on NH land
NH -148 (NH-11A Extn.)

Sr.	Item	Information as submitted by Agency	Information as per site	Remarks of IE
1	General Information	Work of Transmission Main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of District Dausa, construction of WTP, Pump houses and CWR under Isarda Dausa Water Supply Project including 10 Years O&M after one year defect Liability under Jal Jeevan Mission (JJM) District Dausa (Package- Ist)		
1.1	Name and Address of the Applicant/Agency	Manoj Jain (Executive Engineer), PHED, Project Div., Soheila		
1.2	National Highway Number	NH-148	NH-148	
1.3	State	Rajasthan	Rajasthan	
1.4	Location	Dausa-Lalsot-Kauthun Section	Dausa-Lalsot-Kauthun Section	
1.5	(Chainage in km)	47+650 to 4+700	47+650 to 4+700	
1.6	Length in Meters	43050	43050	
	Width of available ROW	50m	45m	
1.7	a) Left side from center line towards increasing chainage / km direction.	25	22.5m	ROW is different at some locations
	b) Right side from center line towards increasing chainage / km direction.	25	22.5m	ROW is different at some locations
	Proposed to lay underground Water Pipeline			
1.8	(a) Left side from center line towards increasing chainage / km direction.	17250	17670	Pipe line laid (14m to 21m) LHS from center line. The length to be corrected as per drawing.
	(b) Right side from center line towards increasing chainage / km direction.	29700	25280	Pipe line laid (17m to 21m) RHS from center line. The length to be corrected as per drawing.
	Proposal to acquire land	Manoj Jain (Executive Engineer), PHED, Project Div., Soheila	NA	
1.9	a) Left side from center line	NHAI, PI U-Dausa	NA	

Abhishek S. S.
Project Director
NHAI, PI U-Dausa
9/10/2020
SAI
PHED, Project Circle Tonk
District Dausa
1

	b) Right side from center line	NA	NA
1.10	Whether proposal is in the same side where land is not to be acquired.	Yes	
	If not then where to lay the Water pipe/line	NA	
1.11	Detail of already laid services, if any, along the proposal route.	NA	to be Identified by executing Agency.
1.12	Number of lanes (2/4 6/8 lense) existing	4 Lane	2/4 Lane
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	4 Lane	2/4 Lane
1.14	Service road existing or not	Yes	Yes
	If yes then which side		
	(a) Left side from center line	25	22.5m
	(b) Right side from center line	25	22.5m
1.16	Whether proposal to lay water supply pipe line is after the service road or between the service road and main carriageway.	NA	Beneath the Service road
1.17	Whether water supply pipe line has been proposed on highway/ bridges, if yes then mention the methodology proposed for the same.	NA	NA
	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	At Ch. 8+720 (in 4 Lane) Ch. 34+000 (in 4 Lane)
	a) Existing drainage structures shall not be allowed to carry the lines.	No	CC Drain exist at Ch. 8+720 LHS & RHS
	b) Is it on a line normal to NH.	Yes	Yes



BE Project
NHA, PIU-Dausa

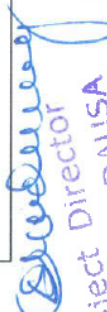
1.18	c) What is the distance from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters.	25	At Ch. 8+720 (No Structure) At Ch. 34+000 (15m away from crossing)	approximate 200M from VUP at 34+550.
	d) The casing pipe (or) conduit pipe in the case of electric cable carrying the utility line shall be of steel cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	Yes	Yes	Dia. of casing is 2.00m.
	e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	Yes	Fulfilled as per methodology submitted.
	f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	Yes	Fulfilled as per methodology submitted.
1.19	g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3m below the drain inverts.		To be 1790 MM below the Road Top level on CC pavement section.	Fulfilled as per methodology submitted.
	h) The proposed pipeline Crossing shall be by boring methods (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Trenchless	Trenchless	Fulfilled as per methodology submitted.
	Whether the proposal satisfies the following			
	(a) Where the ROW is more than 45M then the duct cable shall be laid at the edge of ROW within the utility corridor of 2M width, duly keeping in view the future widening	NA	ROW not more than 45 M	In the stretches where CC drain on footpath and service road/slip roads, entry/exit lane, laybys exist, have utility corridor 0.5 to 1.20 M wide.
	(b) Where land is yet to be acquired for 4 Lanning and the position of new carriageway has been decided then the cable shall be laid at the edge of ROW within the utility corridor of 2M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning	NA	No additional to be acquired	Not applicable.
	(c) Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2M of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	NA	NA	ROW is 45 M.
	(d) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains(e.g. Highways in cutting through hilly/rolling terrain), cable shall be laid clear of the drain.	NA	NA	No section in cutting.
	2.0 Document/Drawings enclosed with the proposal.	No	Yes	Detailed design submitted in Annexure D as per Clause 9.1 of the



Alhadeb
HAF

PIU-DAUSA / NHAI PIU-Dausa
NHAI, PIU-DAUSA

2.1	Cross section showing the size of trenches for open trenching method (is normal size of 1.2m deep x 0.3m wide)	NA	Submitted	In Ch 8+700 to 34+000 RHS open trench. 34+000 to 47+650 LHS Open trench.
	i) Should not be greater than 60cm wider than the outer diameter of the pipe.		Submitted	See Annexure-B
	II) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the center-lines of the nearest carriageway.		No	Beneath the Service road in some sections.
	III) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Now shall these be laid over the existing culverts and bridges.	NA	NA	Road formation is not in cutting.
	IV) These should be so laid that their top is at least 0.6meter below the ground level so as not to obstruct.		NA	
2.2	Cross section showing the size of pit and location of Pipe for HDD method.	NA	Yes.	Drawing submitted.(P 40 to P 45)
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.	NA	Yes.	Submitted in Annexure-A(P-36 to 39)
2.4	Methodology for laying of showing water supply pipe line.	Trenchless	Trenchless	
	Open trenching method may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology or refilling of trench.	NA	yes	For sections beneath the Service road carriageway.
	(a) The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipe.	NA	Yes As per drawing Submitted	See Page 40 & as per clause 16
	(b)For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated end replaced by selected material.	NA		


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 Manager
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 Engineer



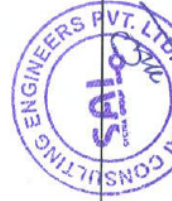
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2.4.1	(c) the backfill shall be completed in two stages (i) side fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	NA	Yes	Clause : 16(b)
	(d) The side fill shall consist of granular material laid in 15cm layers 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.	NA		
	(e) The road crust Shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	NA		
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	NA		
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	NA		
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	Yes	Submitted in Annexure-B (P-40)
2.4.3	Laying of OFC through CD works and method of laying	NA		
3	Draft License Agreement signed by two witnesses	Yes	Yes	Submitted in page no. 24
	The license fee estimate as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R (R) dated 22.11.2016	Yes	Submitted	Submitted in Annexure-C(P-88)
4	Performance Bank Guarantee in favour of NHAI has to be obtained @Rs.500/- per running meter (parallel to NH) and Rs.1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee		Applicable cost and calculations not submitted.	Applicable Cost is Rs 20,720,000 as per Clause : 5.1 & 6 of NHAI Circular No. RW/NH-33044/29/2015/S&R (R), Dated 22 November 2016, to be submitted. 39030M @ 500/PRM= Rs 19,515,000 & 4020M @ 250/PRM= Rs 1,005,000 and Rs 1,00,000 per crossing= Rs 2,00,000 (Ch. 8+720 & Ch. 34+000)

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Manager (Tech.)

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Division Sonela

4.1	Performance BG as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R (R) dated 22.11.2016	Yes	Not submitted.	Applicable Cost is Rs 20,720,000 as per Clause : 5.1 & 6 of NHAI Circular No. RW/NH-33044/29/2015/S&R (R), Dated 22 November 2016, to be submitted. 39030M @ 500/PRM= Rs 19,515,000 & 4020M @ 250/PRM=Rs 1,005,000 and Rs 1,00,000 per crossing= Rs 2,00,000 (Ch. 8+720 & Ch. 34+000)
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Yes		
5	Affidavit / Undertaking from the Applicant for following is to be furnished			
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 as and when asked by MoRTH	Yes		
5.3	Confirming all standard condition of NHAI's guideline.	Yes		
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost.			
5.5	Shifting due to 6 lanning / widening of NH	No remark provided.	At present 4-lane section from 00.000 Km to 34.225 Km and 2-lane section from 34.225 Km to 83.453 Km	
5.6	Indemnity against all damage and claims	No		Signed Draft Agreement is to be attached. See Clause 23 & 28 at P-8 & 9
5.7	Traffic movement during laying of utility line without hampering the traffic	Yes	Traffic movement on Service roads and Slips roads is to be regulated by Agency.	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, of 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		



Abhishek

Shamshad
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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.			
5.12	Certificate from the applicant in the following format. (i) Laying of water supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) For 6-laning "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 laning of any other development".			
6	Who will sign the agreement on behalf of applicant agency?	Yes		


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