



सत्यमेव जयते

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. : NHAI/PIU/SLP/Mah-Knt/NH-65/Public Comments/2025/2909 Date: 14.11.2025.

INVITATION OF PUBLIC COMMENTS

Sub: Four Laning of Solapur (Km.249.000) to Maharashtra / Karnataka Border (Km. 348.800) Section of NH-9 (Design Length - 100.060 Km.) in the State of Maharashtra on Design, Build, Finance, Operate and Transfer (DBFOT) Basis - Demand for obtaining permission for rectification / restoration work of NFS defence OFC from Km. 254+060 to Km. 254+285 (RHS) and from Km. 336+390 to Km. 337+410 on NH-65 - Reg.

Ref.:- Area Incharge, M/s. L&T Construction letter no. 431 dated 05.09.2025 (RD 11.09.2025).

Sir,

Area Incharge, M/s. L&T Construction has submitted proposal for permission for rectification / restoration work of NFS defence OFC from Km. 254+060 to Km. 254+285 (RHS) and from Km. 336+390 to Km. 337+410 on NH-65 vide ref. at (i) above.

2. 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).
3. 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),
14/11/25

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

संलग्न: उपरोक्त.

Copy to:-

- i. CGM (Tech) & RO Mumbai - for information please.
- ii. Area Incharge, M/s. L&T Construction - for information.
- iii. Team Leader, M/s. DCSL-SSSPL, Solapur - for information.
- iv. Authorized Signatory, M/s. STPL - for information and consent.
- v. Master file.

L&T Construction
Power Transmission & Distribution

Project Site Address: 1st Floor, S. No.67 A/1, Suzie Villa, E T Kawade Road, Ghorpadi Gaon, Pune-411001

L&T/BSNL/PKG-D/O&M/Pune/431

Date:- 05.09.2025

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

भा.रा.रा.प्रा. पकाई, सोलापूर	
आवक क्र.	2614
दिनांक	11/09/2025

Sub: Permission for Rectification/Restoration work of NFS Defence OFC at NH-09 from KM 249 to Km 348/800 Section Solapur to KK Border in the 3 patches for Total 2.0 Km reg.

1. Km 254/060 to Km 254/285 (RHS) – Near Divya Marathi
2. Km 289/150 to Km 289/905 (RHS) – Naldurg City
3. Km 336/390 to Km 337/410 (RHS) – Turori village area

Ref: 1. Your office letter no NHAI/PIU/SLP/NH-09/IE/2025/244 Dated. 21.04.2025

Dear Sir,

With reference to the subject; Government of India has approved roll out of a pan – India exclusive OFC based network for Defence Services in lieu of spectrum being released by MoD. This project called, Network for Spectrum (NFS), is being implemented by BSNL in "Mission Mode" to meet the stringent timelines for release of spectrum by MoD. Any delay in network roll out for Defense OFC Network is likely to have adverse effect on the operational capabilities of the Armed Forces inclusive of Navy and Air Force. Hence implementation of "NFS OFC" in time bound manner as targeted is of paramount National importance.

We have received the aforesaid section permission for laying NFS Defence OFC and we have completed the work, but due to road widening activity NFS Defence OFC has been damaged at aforesaid section, we had proposed for maintenance of NFS Defence OFC for Restoration/Rectification work at the aforesaid location. Further to this, we have received refer letter no 1 from your office for submission of proposal, in this regard please find enclosed herewith the proposal for the aforesaid section.

Hence, it is requested to you kindly grant permission for NFS Defence OFC on the aforesaid section. We assure you that necessary precautions will be adopted as per Standards & Guidelines during the execution of work. As the work is to be taken up on the priority basis, we request you to kindly give us the permission for laying optical fiber cable in the name of "Defence Services, PICG, NFS Project"

**For LARSEN & TOUBRO LIMITED,
Power Transmission & Distribution IC,**

Karbhari



Krushna N. Karbhari,
Area Incharge (O&M),
BSNL NFS OFC MoD Project (PKG-D),
Pune.

vinith.kumar2@lntccc.com
Kkarbhari@lntence.com
9561968686
Trondar



महाराष्ट्र MAHARASHTRA

2024

DF 478675

14 MAY 2025

अनुक्र. 7790 मु.श.क्र. 100x37 Jux(=800

दस्तावेज प्रकार कारणात्मक / Agreement

दस्तावेजाचे वर्णन मिळालेले वर्णन

मुद्रांक विकत घेणाऱ्याचे नांव L & T construction

पत्ता Chorgaedi pune

दस्तावेजाचे पत्रकाराचे नांव दुसऱ्या पत्रकाराचे नांव व पत्ता Krishna Kumbhar

मुद्रांक विकत घेणाऱ्याची सही ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला.

दस्तावेजाचे धारकासाठी महिनावार शुल्क वार्षिक शुल्क

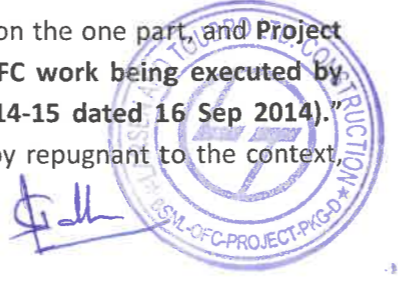


AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS

Agreement to lay Telecom cable/OFC cable/electrical cable/ pipeline/ ducts etc.
NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.
 1. Km 254/060 to Km 254/285, 2. Km 289/150 to Km 289/905 3. Km 336/390 to Km 337/410

This Agreement made this _____ day of _____ Month of _____ year between National Highway Authority of India 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 in office and assigns) on the one part, and Project NFS, Defence Services, "Commanding officer, Airforce station Lohgoan (OFC work being executed by M/S Larsen & Toubro Ltd against BSNL Purchase Order No CT/PO/05/2014-15 dated 16 Sep 2014)." (hereinafter called the "Licensee") which expression shall, unless excluded by repugnant to the context, include his its successors/administrator/assignees on the second part.

सुरुची चौहान / Suruchi Chauhan
 सहायक संचालक / Sanchalaka
 प्रभारी अधिकारी एफनेट/ प्रभारी अधिकारी संचार
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 2 विंग, वायु सेना/ 2 Wing, AF



Whereas the authority is responsible, inter-alia for development and maintenance of lands from NH-09 from KM 249 to Km 348/800 Section Solapur to KK Border Total 2.0 Km. ROW.

1. Km 254/050 to Km 254/285, 2. Km 289/156 to Km 289/295 3. Km 336/396 to 337/410
Whereas the Licensee proposes to lay Telecom cable/OFC cable/electrical cable/pipeline/ducts etc. Referred to as Telecom cable/ducts services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay Telecom Cable/ducts services NH-09 from KM 249 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.

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

Now this agreement witnesses that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay Telecom Cables/ ducts as per the approved drawings attached here to subject to the following conditions namely.

1. ROW permissions are only enabling in nature. The purpose of executing the way leave facility on the National Highway ROW is not for enhancing the scope of activity of a Telecom cables/ducts 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 activity 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 requirement 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.
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, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own Telecom cables/ducts.
4. The Licensee shall pay license fee @ 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/cables/conduits/pipelines for infrastructure/service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highway, 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 charges. Delay in deposition of fee shall attract interest @ 15 per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide corridor on either side of the extreme edge of ROW. In cases where ducts with sufficient space are already available along NH, the Telecom cables/ducts shall be laid in such ducts subject to technical requirements being fulfilled.
7. The Telecom cables/ducts shall be laid at the edge of the ROW. In case of restricted width of ROW. Which may be adequate only to accommodate the carriageways central verge, shoulders, slopes of embankments and drains, other road side furniture etc.: the Telecom cables/ducts shall be laid beyond the toe line of the embankments and clear of the drain.





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8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case this not feasible, the Telecom cable/ducts 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 and supporting arrangement as assessed by the authority shall be payable by the Licensee.
9. In exceptional cases, where ROW is restricted the Telecom cables/ducts can be allowed beneath the carriageway of service road, if available, subject to the condition that the Telecom cables/ducts be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the Telecom cables/ducts 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.
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 Highway. Towards this, the top of the Telecom cables/ducts shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for/ landscaped with required safety measures as directed by the concern Authority.
11. The Telecom cables/ducts shall be permitted to cross the National Highway either through structure or conduits specifically 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 structures shall not be allowed to carry the lines across.
13. The top of casing /conduit pipe containing the cables shall be at least 1.2 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 cable shall cross the national Highway preferable on a line 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 side of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms width than 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 30 cm. it shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden changes in the bearing value. unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill 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 specification stipulated by the Highway Authority.





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2.कैम्प, 403, वींग, 2 Wing, AF

17. The licensee shall ensure making good the excavated trench for laying cables by proper filling and compaction, so as to restore the land into 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 work subsequent to laying of the cable 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. 100/- 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 caused thereof to any services etc. In case of the Licensee failing to discharge the obligations 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 the case, the performance Bank Guarantee is invoked as mentioned above the licensee shall be required to replenish and reinstate the require Performance Bank Guarantee within in 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 the issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the licensee shall be liable to pay full compensation to the aggrieved Authority/its designated agency for any damage sustained by them by reason of the exercise of the ROW Facility;
21. The licensee shall shift the cables/ducts within 90 Days (or as specified by the respective agency/NH) from the date of issue of the notice by the concerned NH to shift/relocate the cables/ducts, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of the flyover/bridge and restored road land to its original conditions at its 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 cables, duct, underground installations/utilities/facilities, etc. the licensee shall ensure the safety and security of already existing cables/underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The licensee shall procure insurance from a reputed insurance company against damages to already existing cable / underground installations / utilities / facilities etc. during trenching.
23. The licensee shall be solely responsible 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 co-ordination with authority shall be also having a right to make good such damages / recover the claims by forfeiture of Bank Guarantee.
24. If the licensee fails to comply with the condition (6) and (7) above 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 licensee is subject to the licensee satisfying (a) minimum disruption of traffic and (b) no damages to the highways. 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 trenchless technology. In case



Suruchi

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any damage is 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 cursing or laying a cable, the licensee has to execute the corresponding restoration work in a time bound 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 Licenses 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 work shall have to be furnished by the licensee.
27. Each day the extent of digging the trenches should be strictly regulated so that cable are laid and trenches filled up before the close of the work that day. Filling should be completed to satisfaction of the concerned agency designated by the authority.
28. The licensee shall identify the concerned agency in coordination with authority, against all the damages and claims, if any, due to digging of trenches for laying cables/ducts.
29. The permission for laying cable 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 changed. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
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 or alterations to the cable without prior permission in writing of the concerned agency in co-ordination with authority.
32. The permission granted shall not in any way be deemed to convey 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 Agreement.
33. During the subsistence of this Agreement, the telecom cables/ducts 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 infeasible by lapse of time.
34. The Licensee shall bear the stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawing of utilities (hard and soft copies) with geo tagged photograph and geo tagged video recording of laying of cables in the trench (with respect to NH) and after complete restoration shall be submitted to the authority for verification and records within a month of completion of work. (If applicable for NFS Project).
36. The Licensee shall allow free access to the site at all time to the authorized representative of Authority to respect the Project Facilities and to investigate any matter within their Authority, and upon responsible notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The telecom cables shall not be made operational by the Licensee unless a completion certificate to the effect that Telecom Cables/Ducts has been laid in accordance with the approved specifications and drawing and the trenches have been filled up to the satisfaction of the





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concerned agency in co-ordination with the authority has been obtained. Notwithstanding anything contained herein this Agreement shall be cancelled at any time by the Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any losses 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:

- a. Operation, repair and maintenance guidelines given by the manufacturers,
- 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 measures like barricading, danger lighting and other necessary caution boards while executing the work.

40. While laying cables, at least one lane of the 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 cable/ducts 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 cables/ducts. However before taking up the work of removal of cables the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for a amount assessed by the Authority as a security for making good the excavated trenches by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50 m away from the edge of the ROW.

42. Any dispute in interpretation of terms and condition of this Agreement or their implementation shall be referred to High Level Committee comprising the designated representatives of the Authority, Licensee and the concerned agencies and the decision of the committee shall be final and binding on all.

43. For PPP projects, in case of any financial loss incurred by the respective projects concessionaires due to such laying /shifting of cables /cable duct by licensee, compensation for the same shall require to be borne by the licensee in mutual agreement with the respective project concessionaires. MORTH/NHA/Implementing authorities for the projects shall not be liable to the concessionaires in any way in this regard.



[Handwritten signature]

[Handwritten signature]

(सुरुचि चौहान / Suruchi Chauhan)

स्क्वाइन लीडर / Sqn Ldr

प्रभारी अधिकारी एफनेट/प्रभारी अधिकारी संचार

OIC AFNET/OIC COMN

2 विंग, वायु सेना/2 Wing, AF

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

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

SIGN, SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY

By Shri _____

(Signature, Name and Address with Stamp)



(सुरुचि चौहान / Suruchi Chauhan)
स्क्वाड्रन लीडर / Sqn Ldr
प्रभारी अधिकारी एफनेट / प्रभारी अधिकारी संचार
BY SHRI _____
(Signature, Name and Address with Stamp)
2 विंग, वायु सेना X 2 Wing, AF

SIGNED ON BEHALF OF NFS Project, Defence Services



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.

Laying of OFC -


Trenching Method:

To lay NFS Defence Optical Fiber Cable across NH-09 from KM 249 to Km 348/800 Section Solapur to KK Border Total 2.0 Km. The mentioned route will be done by conventional method/manual and Machine Trenching method. The dimension of the trench will be 165 cms in depth and 45 cms in width. the Cable laying work will be carried out in phased manner in such a way that after the HDPE / Protection ducts are laid for Optical Fiber Cable, the trench will be reinstated to its original surface.

1. Km 254/060 to Km 254/285
2. Km 289/150 to Km 289/905
3. Km 334/390 to Km 337/410

Trench Filling Method:

As a measure for abundant precaution against future settlement and other allied problems, only selected granular material will be used in filling reinstatement of trenches. The entire depth of cutting will be filled either with coarse sand or the excavated material, compacted in layers not exceeding 75mm when compacted by compacter, frog hammer will be utilized besides ordinary power roller.


(सुरुचि चौहान / Suruchi Chauhan)
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F No.H-39011/16/2012-P&P(P.L.I)
Government of India
Ministry of Road Transport & Highways

Transport Bhawan,
1, Parliament Street,
New Delhi-110001

Dated the 7th August, 2015

1. Chairman, NHAI
2. All ROs, PDs of MoRTH, NHAI and NHIDCL

Subject: Grant of permission to Ministry of Defence for laying Optical Fiber Cable(OFC) on NH land – regd.

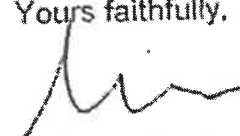
Sir,

I am directed to refer to Ministry of Defence, Network For Spectrum(NFS) Cell Directorate General of Signals, letter No.B/46850/DG Sigs/NFS/OFC/85 dated 24th July, 2015(copy enclosed) on the subject mentioned above and to say that due to security reasons and as the project involves secret data of defence network and is of confidential, the applications for RoW permissions may be considered on the basis of the offline submissions. They should not be asked to submit the same 'on-line' on grounds of National security.

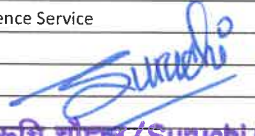

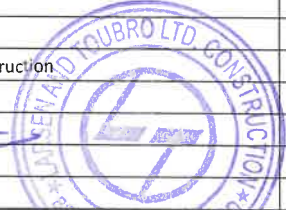
2. This is issued with the approval of the Competent Authority.

Encl: As above.

Yours faithfully,


(Manish Kumar Singh)
Under Secretary to the Govt. of India
Tel.No. 23714001

✓ Copy to: M/o Defence, Network For Spectrum(NFS) Cell, Directorate General of Signals, Signals Enclave, Rao Tula Ram Marg, New Delhi-110010 w.f.t their letter No.B/46850/DG Sigs/NFS/OFC/85 dated 24th July, 2015.

10	If NH section proposed to be taken up by NHAI on BOT basis - a clause in para 17 to be inserted in the agreement. " The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up gradation of [.....section from Km.....to km.....of NH No.-..... on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	Yes enclosed	
11	Who will supervise the work of laying of OFC ?	Inspection of the work would be carried out by the applicant.	
12	Who will ensure that the defects in road portion after laying of OFC are corrected and if not corrected then what action will be taken.	Defense authorities.	
13	Who will pay the claims for damages done/disruption in working of Concessionaire.		
14	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed) issued vide Ministry Circular No.	Yes enclosed	
15	If any previous approval is accorded for laying of cable then photocopy of register of records of permissions accorded as maintained by PD (as per Ministry Circular No. RW/NH-33044/27/2005/S&R* (Pt.) dated 06.08.2013) as referred in para 13 above is enclosed or not.	No, previously no permission granted.	
	Date:		
	For PICG, Defence Service	For L&T Construction	
			
	(सुरुचि चौहान / Suruchi Chauhan)		

स्क्वाड लीडर / Sqd Ldr

प्रभारी अधिकारी एफनेट / प्रभारी अधिकारी संचार

OIC AFNET/OIC COMM

2 विंग, वायु सेना / 2 Wing, AF



1.2	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 trench-less technology	No Crossing	
2	Document/Drawings enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65 deep x 0.5m wide) should not be greater than 1.2m in width in multiple ducts.	Yes standard size 1.65 deep x 0.45m wide	
2.2	Cross section showing the size of pit and location of cable for HDD method	No Crossing	
2.3	Strip plan/Route plan showing the OFC, Chaingae, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage work etc.	Yes Attached	
2.4	Methodology for laying of OFC	Yes Attached	
2.4.1	Open trenching method. If yes, Methodology of refilling of trench	Refilling of available Material & if required, by arranging additional loose soil.	
2.4.2	Horizontal Directional Drilling (HDD) Method	NA	
2.4.3	Laying OFC Through CD works and Method of laying (Whether to be hung outside parapet)	Yes Attached	
3	Draft license Agreement signed by two witness	Yes Attached	
4	Performance Bank Guarantee	Shall be submitted as soon as permission is granted.	
4.2	Confirmation of BG has been obtained as per guidelines	Shall be obtained after approval	
5	Affidavit/ Undertaking form the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, Enclosed	
5.2	Renewal of Bank Guarantee	Yes, Enclosed	
5.3	Confirming all standard condition of NHAI's guideline	Yes, Enclosed	
5.4	Shifting of OFC as and when required by NHAI	Yes, Enclosed	
5.5	Shifting due to 6 lanning/widening of NH	Yes, Enclosed	
5.6	Indemnity against all damages and claims clause (XXIV)	Yes, Enclosed	
5.7	Traffic movement during laying of OFC to be managed by the applicant	Yes : Traffic movement will be managed by the applicant	
5.8	if any claim is raised by the Concessionaries then the same has to be paid by the applicant	Yes, Enclosed	
5.9	Prior approval of NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing OFC line located in the National Highway right-of-ways.	Yes, Enclosed	
5.1	Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the OFC cable will be borne by the agency owing the line.	Yes, Enclosed	
5.11	If NHAI considers it necessary in future to move the OFC 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 OFC within reasonable time (Not exceeding 60 days) of the intimation given	Yes, Enclosed	
5.12	Certificate from the applicant in the following format 1) Laying of OFC line will not have any deleterious effects on any of bridge components & roadway safety for traffic. 2)For 6-lanning,"we do undertake that we will relocate service road/approach road/utilities at our own cast notwithstanding the permission granted within such time as well as stipulated by NHAI", for future 6-lanning or any other development	Yes, Enclosed	
6	Power of Attorney in favour of authorized signatory	Yes, Enclosed	
7	Copy of DOT license	NO. EXPLANATORY NOTE & DOCS ATTACHED	
8	Certificate from the Project Director		
8.1	Certificate that confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.9.2000 and NHAI's guidelines issued vide no NHAI/OEC/2k/Vol II dated 7.11.2000 and Ministry's Circular No. RW/NH-33044/27/2000-S&R, dated 21.3.2006 and Ministry's circular no. RW/NH-33044/27/2005/S&R(R) (Pt.), dated 06.08.2013	Yes, Enclosed	
8.2	Certificate for 6-lanning form PD in the following format.	Yes, Enclosed	
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location. (b)In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".	NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 8.8 Km.	
9	The agreement fee of Rs. 1 shall be charged	Yes	



(**सुरुची चौहान/Suruchi Chauhan**)

स्कवाइन लीडर/Sqn Ldr

प्रभारी अधिकारी एफनेट/प्रभारी अधिकारी संचार

OIC AFNET/OIC COMN

2 विंग, वायु सेना/2 Wing, AF

CHECK - LIST

Guidelines for Project Directors for processing the proposal of laying optical fiber cable
by private parties in the land along National Highways vested with NHA!

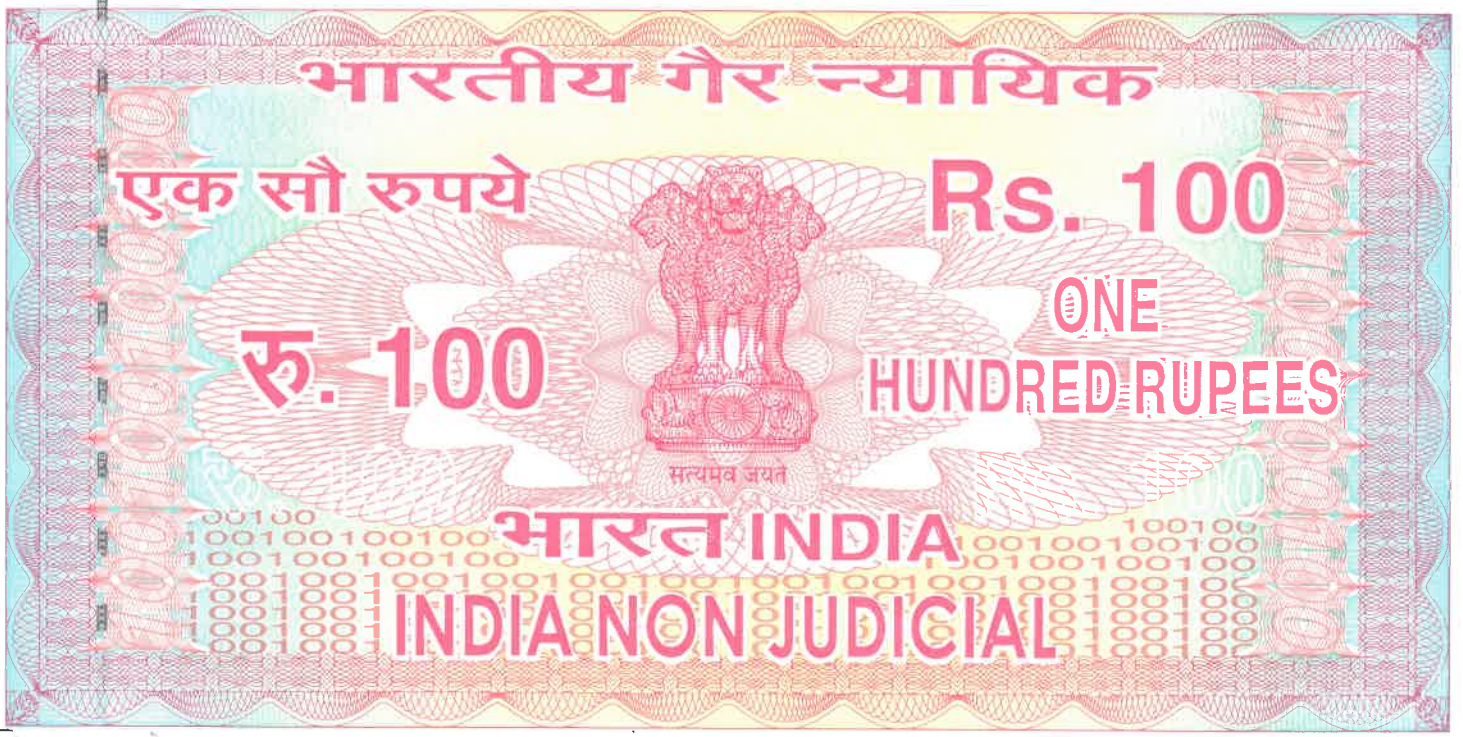
Relevant circulars

1) Ministry's circular No. RW/NH-33044/29/2015/S&R (R) dated.22.11.2016

Sr.	Item	Information / Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	Commanding Officer, Lohgaon	
1.2	National Highway Number	NH-09	
1.3	State	MH	
1.4	Location	NH-09 from KM 249 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.	1. Km 254/060 to Km 254/285
1.5	Chainage in KM	NH-09 from KM 249 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.	2. Km 289/150 to Km 289/965
1.6	Length in Meters	1245 MTRS	3. Km 335/390 to Km 337/410
1.7	Width of available ROW	60 MTRS	
	(a) Left Side from centre line towards increasing chainage/Km direction	As per Drawing attached	
	(b) Right side from center line towards increasing chainage/Km direction	As per Drawing attached	
1.8	Proposal to lay the cable		
	(a) Left Side from centre line towards increasing chainage/Km direction	As per Drawing attached	
	(b) Right side from center line towards increasing chainage/Km direction	As per Drawing attached	
1.9	Proposal to acquire land	NA	
	(a) Left side from centre line		
	(b) Right side from center line		
1.1	Whether proposal is in the same side where land is not to be acquired if not then where to lay the cable	As per the drawings enclosed.	
1.11	Details of already laid services, if any, along the proposed route	As per Drawing attached	
1.12	Number of lanes (2/4/6/8 lanes) existing		
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)		
1.14	Services road existing or not if yes then which side		
	(a) Left side form center line	As per Drawing attached	
	(b) Right side from center line	As per Drawing attached	
1.15	Proposed Service Road		
	(a) Left side form center line		
	(b) Right side from center line		
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	Beyond service road or in utility corridor	
1.17	The permission for laying OFC shall be considered for approval/rejection	Considered for approval	
	(i) Where the ROW is more than 45m then the duct cables shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	At the edge of ROW within utility corridor of 2Mtrs width	
	(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 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4-laning	NA	
	(iii) Where is 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 to lay of cable/duct. This could be within 1.5m to 2m of utility corridor at the edge of existing ROW, duly keeping 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 cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying cable/ducts, the permission may be refused.	NA	
1.18	No of applicants on the same stretch	0	
1.19	Whether the case of multiple licenses	No, The purpose is to set up intelligent cable network with state-of-the-art technology to connect 219 Army stations, 33 Army stations & 162 Air Force stations across the country.	



Suruchi Chauhan
स्क्वाड्रन लीडर / Sqn Ldr
प्रभारी अधिकारी एफनेट / प्रभारी अधिकारी संघार
OIC AFNET/OIC COMM
2 विंग. वायु सेना / 2 Wing AF



महाराष्ट्र MAHARASHTRA

2025

46AB 326466

4 MAY 2025
अनु.क्र. 7790 मु.श. 100x3 + 50x1=800
दस्तावेज प्रकार
दस्त नोंदणी करणारा कारणात्त **कारनामा/Agreement**
मिळकतीचे वर्णन
मुद्रांक विकत घेणाऱ्याचे नांव **L&T construction**
पत्ता **Ghospada pune**
दुसऱ्या पक्षकाराचे नांव
हस्ते स्वकीचे नांव व पत्ता **Kamshna Kambharan**



Shabhi
मुद्रांक विकत घेणाऱ्याची सही
ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला.
ज्यांनी त्याच कारणासाठी महिन्याच्या आत वापरण्याचा भाग
Annexure-4

मनीज एल. प्रक्षाळे
परवाना क्र. 2201072
बी.टी. कडडे रोड, पुणे-३६

UNDERTAKING

We, Project NFS, PICG, Defence Services, hereby do undertake in reference to our ROW Application along NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km., in the state of MH; (1. Km 254/060 to Km 254/285, 2. Km 289/150 to Km 289/905 3. Km 336/390 to Km 337/410

- 1) L&T will not damage other utility while laying our OFC, In case if it is damaged then the losses will be paid to NH or the concerned owning agency.
- 2) L&T shall submit the Performance Bank Guarantee on behalf of NFS Project for the proposed as and when the demand note is raised by NH.
- 3) L&T shall renew the Performance Bank Guarantee as and when required if work is not completed in one year time of submission of the BG.

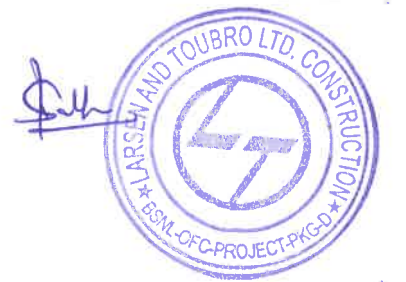


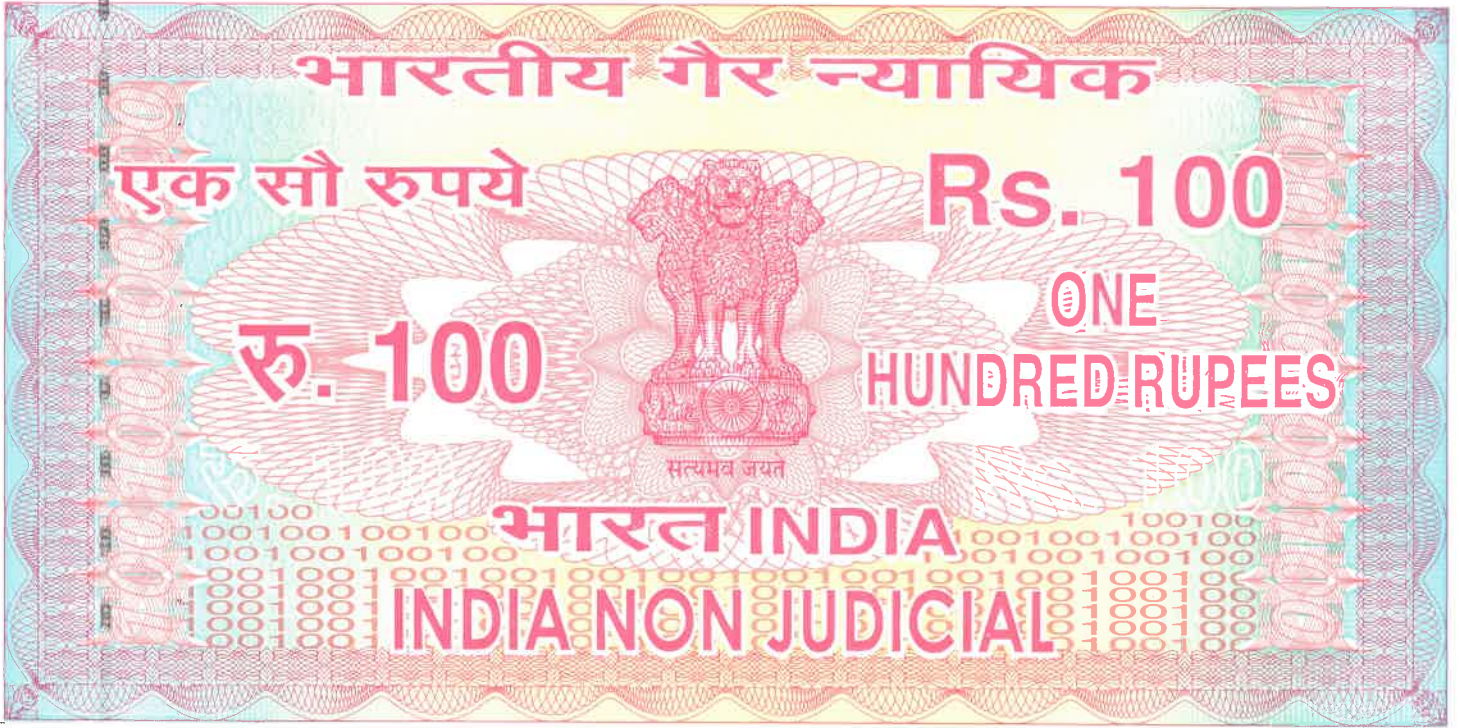
सुरुचि चौहान / Suruchi Chauhan
स्कवाइन लीडर / Sqn Ldr
प्रभारी अधिकारी एफनेट / प्रभारी अधिकारी संचार
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2 विंग, वायु सेना / 2 Wing, AF

- 4) L&T will be carrying out the OFC laying and ducting work as per the specifications and the standards of NH and the executed work will confirm all the standard conditions of NH guidelines.
- 5) L&T will shift our OFC ,when required by NH authority within such time as stipulated by NH.
- 6) L&T will relocate cable lines/utilities, notwithstanding the permission granted within such time as will be stipulated by NH for further expansion or any other development.
- 7) The Traffic movement during laying OFC will be managed by L&T on behalf of Project NFS, Defence Services, in co-ordination with traffic police. Adequate arrangement for cautioning the traffic by way of caution boards during day time and danger light at night will be provided by Project NFS, Project.
- 8) If any claim is raised by concessionaries of the project then the same will be paid by L&T construction on behalf of Project NFS.
- 9) Prior approval of NH shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing OFC line located in the ROW of National Highway
- 10) Expenditure, if any incurred by NH for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the OFC cable will be borne by L&T Construction on behalf of Project NFS.
- 11) If NH considers it necessary in future to move the OFC for any work of improvement or repairs to the road, it will be carried out as desired by NH by L&T on behalf of Project NFS (owning the OFC) within stipulated reasonable time (not exceeding 60 days) of the intimation given
- 12) Laying of OFC line will not have any deleterious effects on any of bridge components & roadway safety for traffic.
- 13) For 6-lanning, "we do undertake that we will relocate service road/approach road/utilities at our own cost notwithstanding the permission granted within such time as well as stipulated by NH", for further 6-lanning or any other development.
- 14) We shall lay the cable along the road only in ROW corridor. In case if required road crossing the necessary permission will be taken before carrying our Road crossing from NH authority.

For (सुरुचि चौहान / Suruchi Chauhan)
 For Project NFS - PICG/Defence Services,

प्रभारी अधिकारी एफनेट/प्रभारी अधिकारी संभार
 OIC AFNET/OIC COMM
 2 विंग, वायु सेना/2 Wing, AF



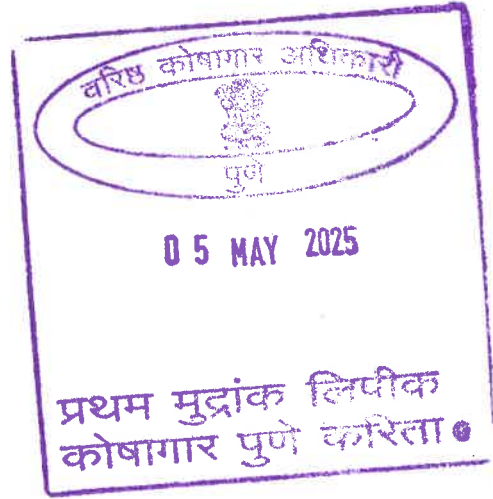


महाराष्ट्र MAHARASHTRA

2025

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4 MAY 2025
7790... मु.स. 100x3+ 500x1=800



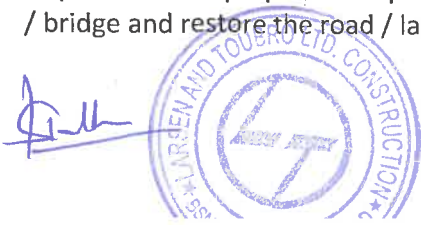
दस्तावेज प्रकार...
दस्त नोंदणी करणा...
मिळकतीचे वर्णन...
मुद्रांक विकत घेणाऱ्याचे नांव...
पत्ता...
दुसऱ्या पक्षकाराचे नांव...
हस्त व्यक्तीचे नांव व पत्ता...

मनीज एल. प्रक्षळे
परवाना क्र. 2201072
बी.टी. कवडे रोड, पुणे-३४
मुद्रांक विकत घेणाऱ्याची सही
अशा Annexure 5 मधील मुद्रांक खरेदी केला.
त्यांनी शिवाय कारणासाठी महिन्याच्या आत वापरण्याचा भाडे

UNDERTAKING

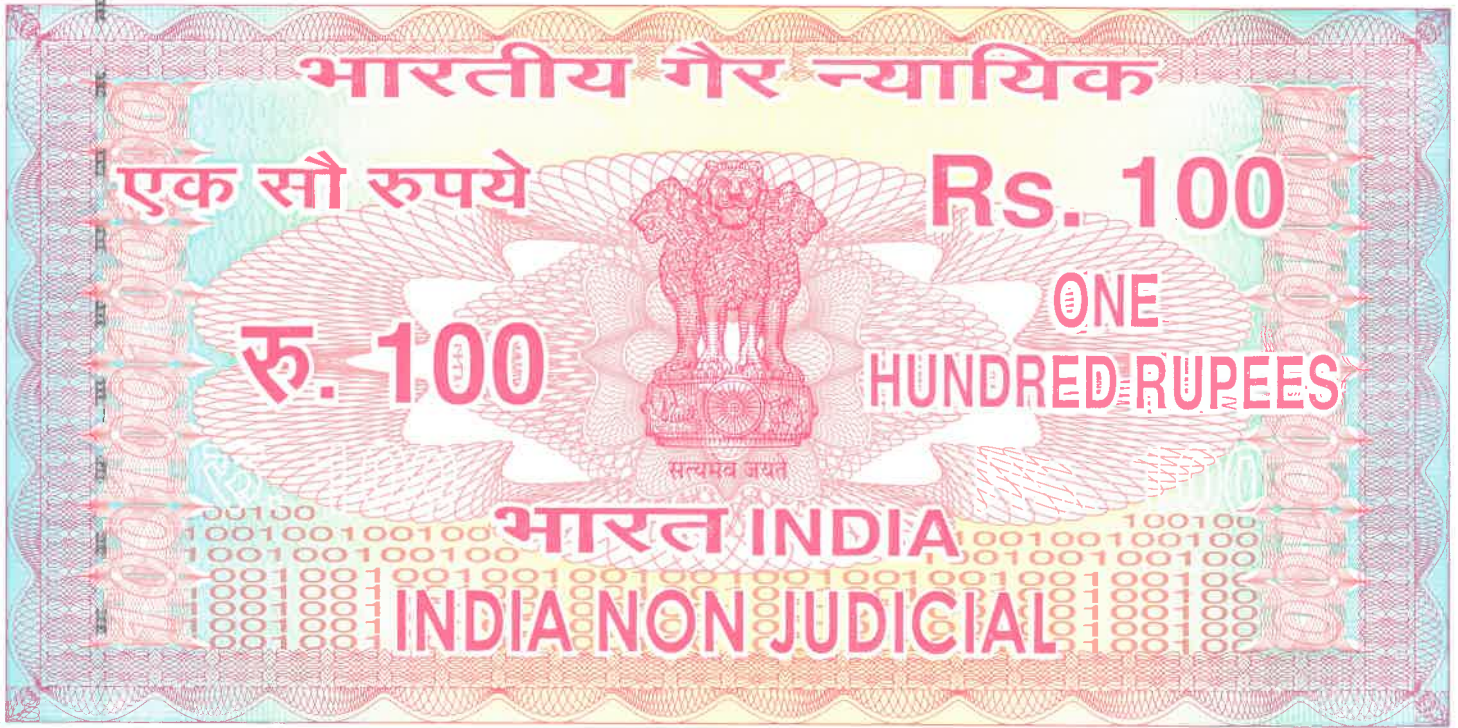
We, Project NFS, PICG, Defence Services, hereby do undertake in reference to our ROW Application NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km., in the state of MP that ;
(1. Km 254/060 to Km 254/285, 2. Km 289/150 to Km 289/905, 3. Km 336/390 to Km 337/410)

- 1) L&T shall be solely responsible/liable for full compensation / indemnification of concerned agency / aggrieved owner for any direct or indirect or consequential damages caused to them / claim or replacements sought for at our cost and risk.
- 2) Cable would be laid keeping in mind future expansion 2/4/6 lining of NH. However, we also agree that we shall shift the cables /ducts within 30 days (or as specified by the respective agency/ owner) from the date of issue of Notice by the concerned owner to shift / relocate the cables / duct in case it is required for the purpose of improvement /widening of road /route / highway or construction of flyover / bridge and restore the road / land to its original condition at our own cost and risk.



(सुरेश चोहान / Surish Chohan)

स्कवाइन लीडर / Sqn Ldr
प्रभारी अधिकारी एफनेट / प्रभारी अधिकारी संवार
OIC AFNET/OIC COMN
2 विंग, वायु सेना / 2 Wing, AF




महाराष्ट्र MAHARASHTRA

2025

46AB 326464

14 MAY 2025
अनु. क्र. 7790 दि. मु.श. 6/100x3 + 500x1 = 800.
दस्ताचा प्रकार **करारनामा / Agreement**
दस्ता निवृत्ती करणार आहेत का? होय/नही
मिलकतीचे वर्णन
मुद्रांक विकत घेणाऱ्याचे नांव **U & T Construction**
पत्तं **Chorpudi Pune**
दुसऱ्या पक्षकाराचे नांव
हस्ते व्यक्तीचे नांव व पत्ता **Krishna Kumbhar**




मुद्रांक विकत घेणाऱ्याची सही
या करारनामासाठी ज्यांनी मुद्रांक खरेदी केला.
त्यांनी त्याच कारणासाठी महिन्याच्या आत वापरण्याचा भाव

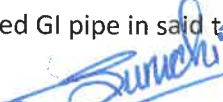
मनीज ए. प्रकाश
परवाना क्र. 2201072
वी.टी. कवडे रोड, पुणे-२२

UNDERTAKING

We, Project NFS, PICG, Defence Services, hereby do undertake in reference to our ROW Application **NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.**, in the state of MH that;
(1. Km 254/060 to Km 254/285, 2. Km 289/150 to Km 289/905, 3. Km 336/390 to Km 337/410)
1. If river / nallah are dry Project NFS, Defence proposes to cross the same by laying GI/RCC pipes at least 1.65 meters below the river bed. In case of flowing water where Project NFS, Defence cannot cross by horizontal Drilling method, the same bridge/canal will be crossed by clamping method.
2. If clamp is not possible bridge will be crossed by concrete encased GI pipe in said the railing on the edge of the bridge.






(सुरुचि चौहान / Suruchi Chauhan)
स्कवाइन लीडर / Sqn Ldr
प्रभारी अधिकारी एफनेट / प्रभारी अधिकारी संचार
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3. The department shall not be responsible for any loss or damage to the cable etc. that may occur due to any reasons during/after laying the same.
4. In the event of any miss-happening/accidents etc. while carrying laying of cables L&T Construction be liable to pay the any type of compensation so claimed on behalf of NFS Project.
6. We shall not cause any damage to the carriageway of the highway and structure like bridges, culverts, drains,, Buildings, tec. and in case of failure. We will be liable to make good the loss caused to the department.
7. We shall not lay the cable through any crossing drainage work. In case if required the necessary permission will be taken before OFC laying from NH authority.
8. We shall lay the cables under the guidance's of the department.
9. The department shall not be responsible in case the cable line comes in the area under development in future at any time. In such an eventuality, shifting of the cable etc. shall be the labiality of Project NFS, Defence.
10. We shall be responsible for any damage caused to the trees in the NH boundary; it will be responsibility of Project NFS, Defence to obtain permission for such likely foreseen/unforeseen damage from the competent Authority.
11. In case of some unavoidable circumstances if Project NFS, Defence desires to cross the carriageway, the same shall be done under the guidance of the department and under no circumstances; the carriageway shall be allowed to get damaged. The crossing of carriageway shall be allowed with pressure angles only.
12. In case of difficulties anywhere in the stretch, we shall contact the concerned engineer of the department.
13. Ducts provided by Government agencies for laying of OFC may be utilised along highway but duct of private agencies cannot be utilised. However, no third party/service provider will be allowed to lay OFC/duct through same trench.
14. In case of Bridge crossing, where there is no space for accommodating GI pipe, it may be allowed to utilize the pipes by private agencies, with prior approval of NH on case to case basis, in case pipes from govt. agencies are not available.

For Project NFS, PICG, Defence Services,

For (सुरुचि चौहान / Suruchi Chauhan)

For Project NFS, PICG, Defence Services,

प्रभारी अधिकारी एफनेट/प्रभारी अधिकारी संघार
OIC AFNET/OIC COMM
2 विंग, वायु सेना/2 Wng, AF



Annexure A

DETAILS REGARDING UNDERGROUND CABLE LAYING

1	(i)	Name of Company asking for permission	:	PICG, Defence Service, Ministry Of Defence.
	(ii)	Full Address (Registered)	:	NFS Project, commanding officer, Lohgaon
	(iii)	Details & purpose for laying the cable	:	Network For Spctrum project of Defence Services
	(iv)	Any other details regarding laying	:	
		(a) Distance of proposed site from Centre of the road at the extreme edge within the road boundary	:	28 mtrs from Center of Median of NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km. at the extreme edge of available Road boundary.
		(b) Whether it is possible to lay the proposed lines or not reasons	:	Yes. The proposed cable is to be laid at depth of about 1.65 meters which is far below any existing line (laid previously).
2		Details regarding road alignment where UG is to be laid along the road	:	NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.
	(i)	Name of Road	:	NH-09
	(ii)	Category of road (to be ascertained form K.M stone on road side)	:	NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.
	(iii)	Width of the road	:	
		(a) Formation width measured from earthen bank	:	- Meters.
		(b) Black top road carriage-way width	:	43 Meters.
		(c) Road boundary	:	60 Meters
		(d) Location of cable laying along the roadside to be maintained.	:	NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.
3		Details to be supplied on layout drawings	:	4 set of proposed route drawings are Enclosed.
4		GEOGRAPHICS OF THE CABLE ROUTE	:	
		(a) Dimension of the cable trench	:	Width 0.45 meter and Depth 1.65 mtr
		(b) Dimension of cable/HDPE/ protection pipe	:	40mm (outer dia)
		(c) Size of Optical Fiber Telecom transmission cable.	:	Light weight 48 F optical Fiber Cable of Outer dia of 12.5mm
		(d) Right of way	:	NH-09 from KM 240 to Km 348/800 Section Solapur to KK Border Total 2.0 Km.
5	(i)	This is to certify that no Govt. road land shall be occupied by except for the purpose of laying of UG cables	:	Agreed
	(ii)	This is to certify that work shall be in accordance with the Govt rules and regulations in force from time to time and binding	:	Agreed
	(iii)	This is to certify that all required cost and fees as per rules and regulation of the Govt will be deposited timely.	:	Agreed

Date: 08 Jun 25

(सुरुचि चौहान / Suruchi Chauhan)

For PICG, Defence Service

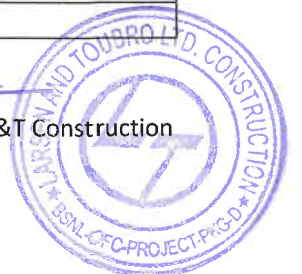
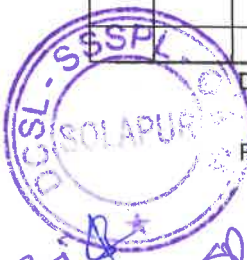
स्क्वॉड लीडर / Sqn Ldr

प्रभारी अधिकारी एफनेट / प्रभारी अधिकारी संवार

OIC AFNET/OIC COMM

2 विंग. वाय सेन्टर / 2 Wing AF

For L&T Construction



Annexure --C

Conditions for agencies seeking permission for laying of OFC Cable and crossing Highway

Sr.	Condition as per NH	Consent by
1	The casing pipe line should cross the NH NH-9 at a normal to it.	Agreed
2	For laying casing pipe shall be offhorizontal core drilling/ boring method should be used. Crossing by opening stretching method will not be permitted.	Agreed
3	The casing pipe shall be of steel or cement concrete and end of casing pipe shall sealed after laying pipeline so its does not act as drainage path.	Agreed
4	Casing pipeline should not be neat to existing structures	Agreed
5	The casing pipe shall be laid under ground in full land width of NH of 9	Agreed
6	The top of casing pipeline should be at a depth of 1.65 mtrs below the surface of road subject to being at last 0.3 mtrs below drain invert.	Agreed
7	Any damage during the crossing of pipeline to existing service line. Should be got repaired immediately at the agency's your own risk and cost	Agreed
8	Necessary precautions should be taken to avoid accident during crossing work.	Agreed
9	Cautionary board where required should be kept on site before starting work.	Agreed
10	Prior approval of department shall be obtained before under taking the work of installation, shifting, repairs of alteration to the utility line located in the NHs Right Of Way.	Agreed
11	Before starting work prior written information by registerd post AD should be given to Project Director NHA1	Agreed
12	If NH considers it necessary in the future to remove the pipeline for any work improvement / repairs of road. It will be carried out as desired by NH at the cost of the agency within reasonable time.	Agreed
13	NH does not gaurantee the preservation of agency's property from any type of damage that may occur due to road work carried out at later time.	Agreed
14	If any accident is occurs during the execution or completion of work by the agency.the complete responsibility shall be fully on the head of the agency.	Agreed
15	In future at the time of widening the road or any other work of NH the line shall has to be removed/ shifted by agency at their own cost without claim of compensation within 60 days.	Agreed
16	A security deposite of Rsshould be paid before start of work.	Agreed
17	An agreement on stamp paper or Rs 100/- is required to be made between NH and agency before start of work. This shall also include no claim certificate.	Agreed

For : PIGC, Defence Service

(सुरुचि चौहान/Suruchi Chauhan)

स्कवाइन लीडर/Sqn Ldr

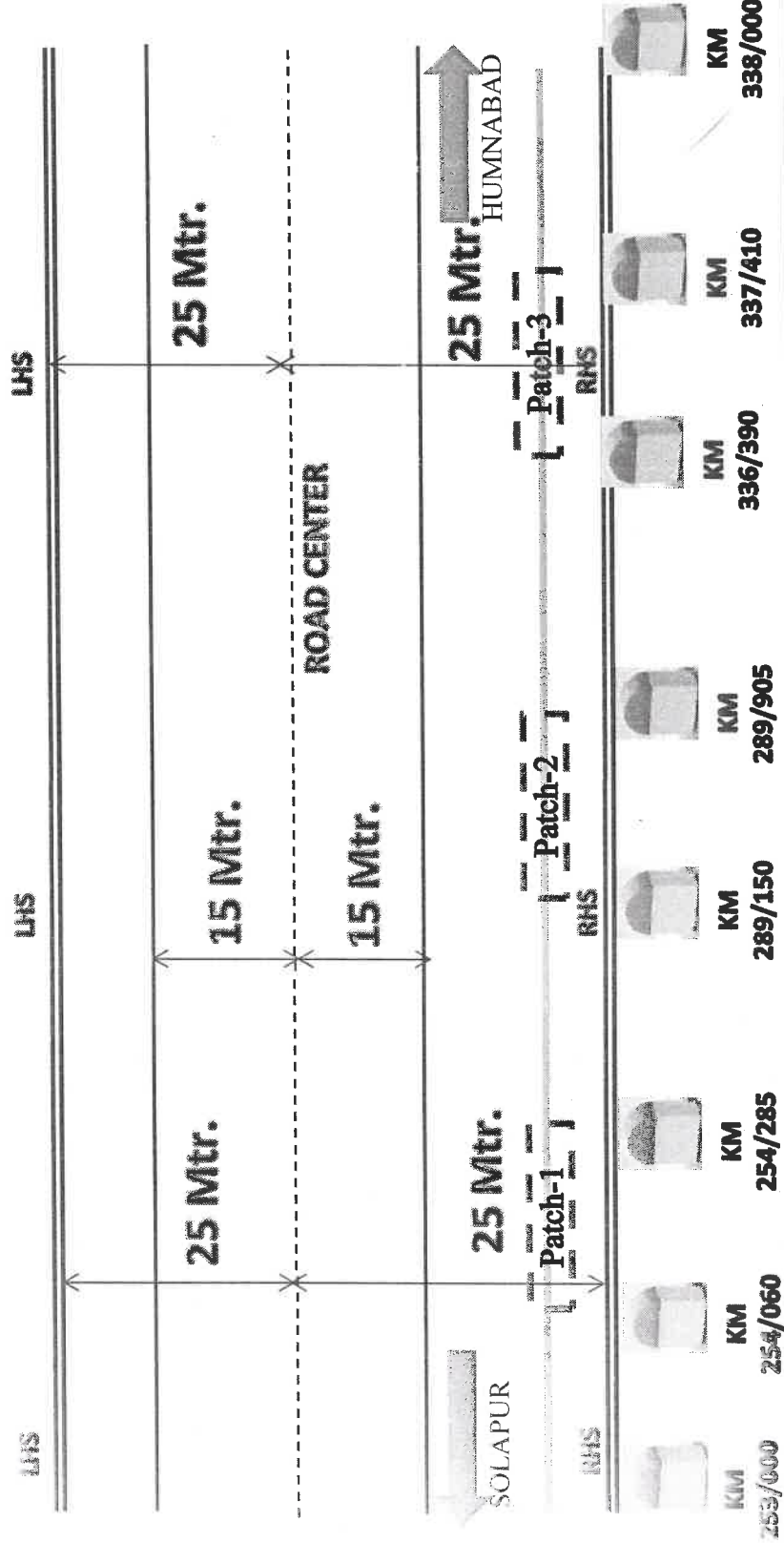
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OIC AFNET/OIC COMN

2 विंग, वायु सेना/2 Wing, AF

for Larsen & Toubro Construction



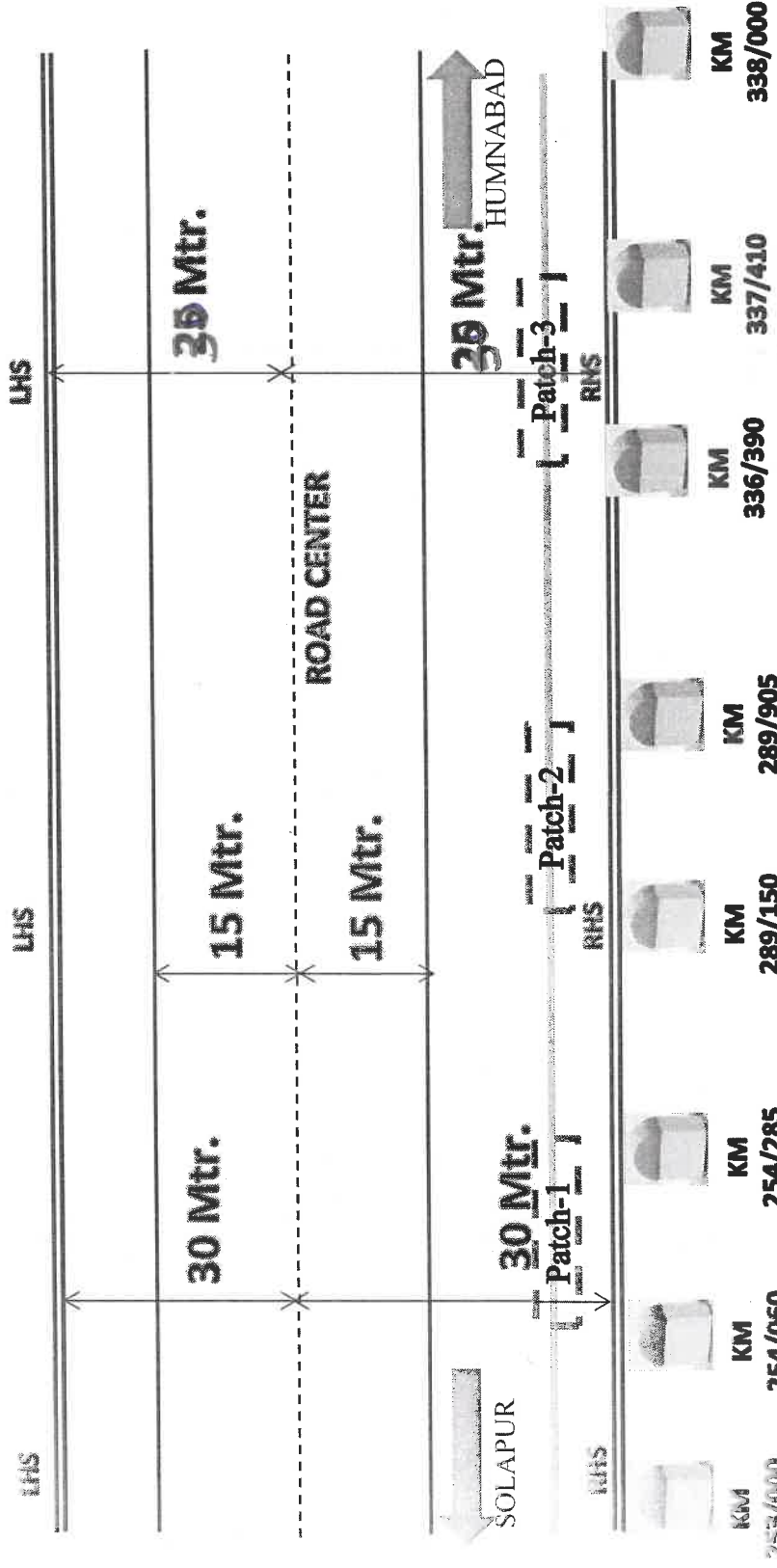


ITEMS	
COMPANY - L&T Construction on behalf of NFS Defence OFC Project	
AUTHORITY BOUNDRY	AUTHORITY-PROJECT DIRECTOR NHAI PIU SOLAPUR
KILOMETER STONE	PROPOSED OFC REHABILITATION OF 48 F OFC CABLE
EXISTING O.F. CABLE	SECTION SOLAPUR-KK BORDER OFC ROUTE
ROAD CENTER	
PATCH (TO BE REPAIRED)	

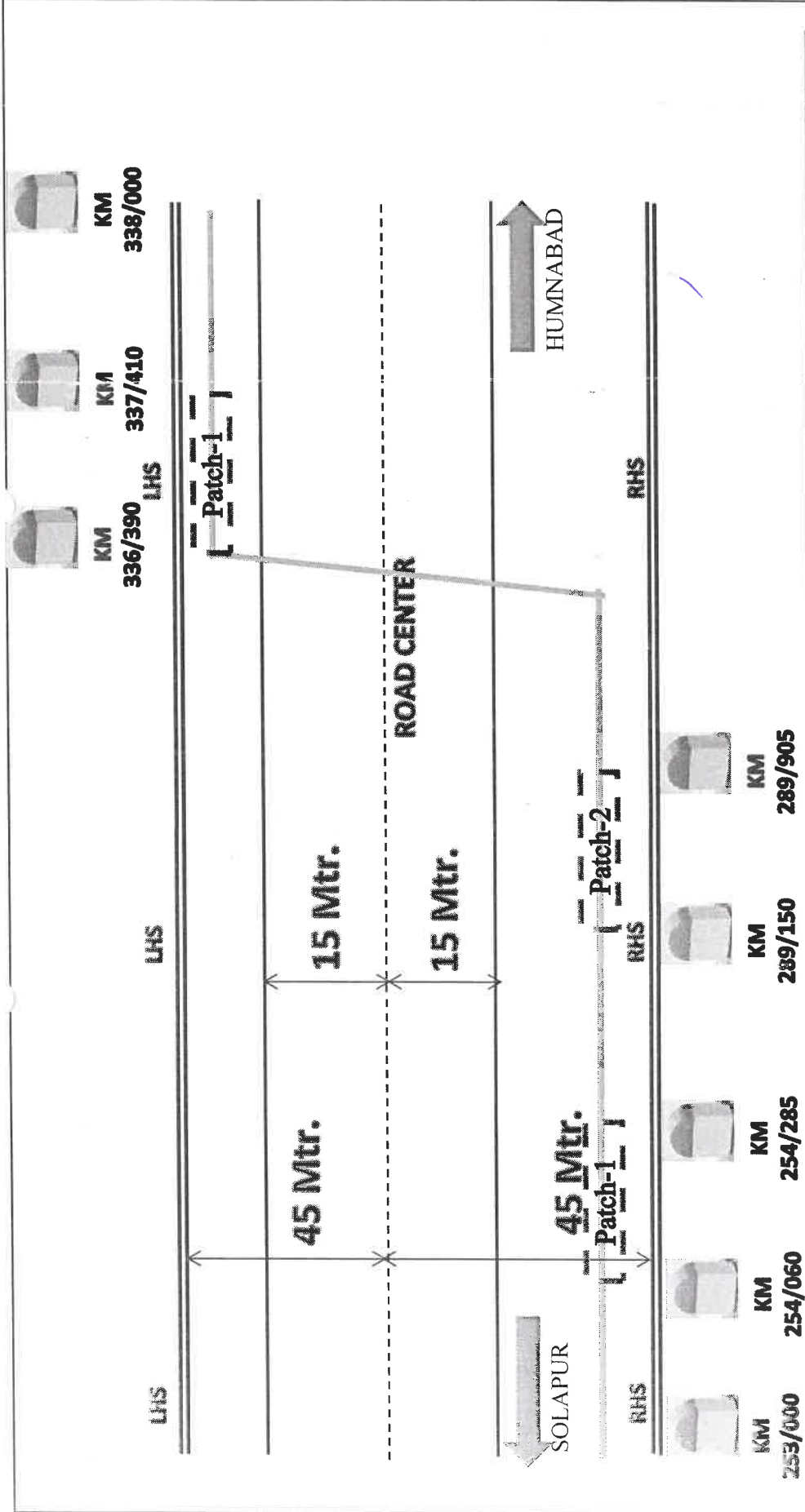


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ITEMS	
COMPANY - L&T Construction on behalf of NFS Defence OFC Project	
AUTHORITY PROJECT DIRECTOR NHAI PIU SOLAPUR	
PROPOSED OFC REHABILITATION OF 48 F OFC CABLE	
SECTION SOLAPUR/K/BORDER OFC ROUTE	
ROAD CENTER	
PATCH (TO BE REPAIRED)	



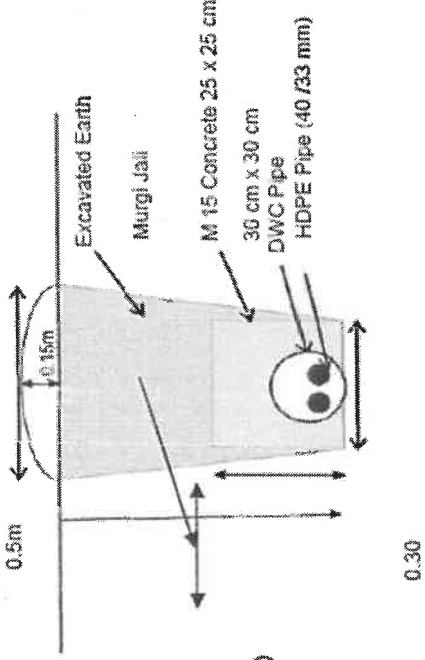
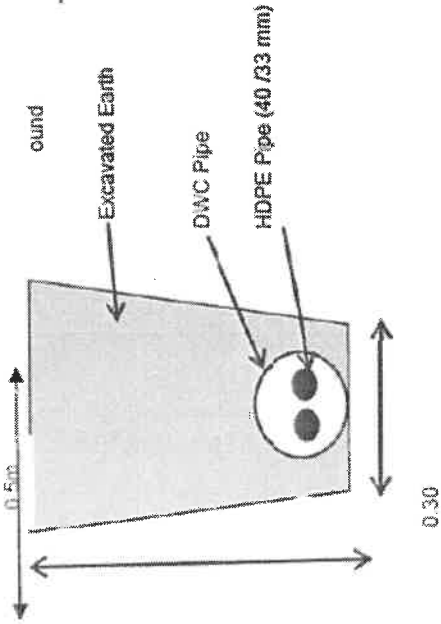
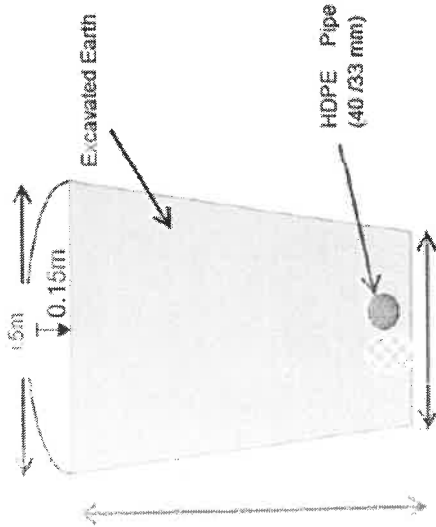
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-----	EXISTING O.F. CABLE	SECTION SOLAPUR-KK BORDER OFC ROUTE	
-----	ROAD CENTER		
	PATCH (TO BE REPAIRED)		



(शुद्धि पट्टन/सुरुति: Ghaulan)
 रक्कसुन तीउर/Scn.L.
 प्रभारी अधिकारी एफनेट/ प्रभारी अधिकारी संचार
 OIC AFNET/OIC COLAN
 2 विंग, वायु सेना/2 Wing, AF

HARD ROCK

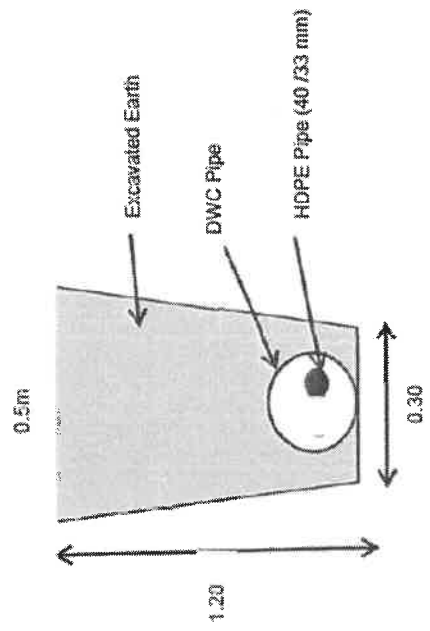
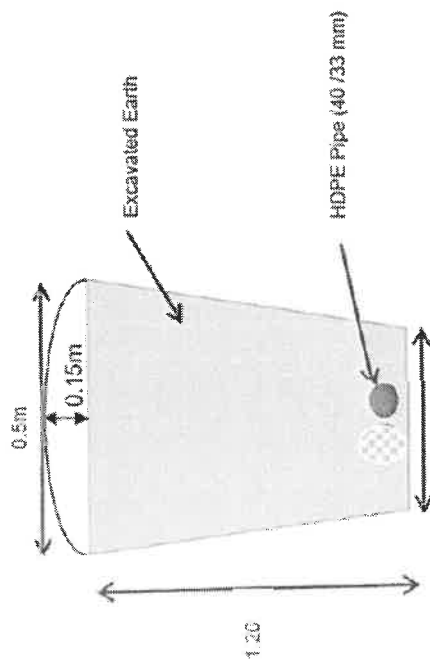
<p>Excavation and Backfilling [Depth 1.0 m]</p>	<p>Road / Culvert Crossing [Depth 1.0m]</p>	<p>Excavation and Backfilling [Depth 0.65 m]</p>
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SOFT ROCK

Excavation and Backfilling [Depth 1.20 m]

Road / Culvert Crossing [Depth 1.20m]



SPECIFICATION DRAWINGS

SPECIFICATION DRAWINGS

Road / Culvert Crossing [Depth 1.65m]

Excavation and Backfilling [Depth 1.65 m]

