



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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



क्षेत्रीय कार्यालय / REGIONAL OFFICE

ई-6/47, स्मृति परिसर, साईबोर्ड के पास, अरेरा कॉलोनी, भोपाल (म.प्र.)-462016

E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

दूरभाष/Phone: 0755-2426638, फैक्स/Fax: 0755-2426698, ई-मेल/E-mail ID: robhopal@nhai.org

NHAI/RO-Bhopal/UJN/U-G/Electrical Crossing/E-288498/2025/54854 Date- 24.07.2025

Invitation of Public Comments

Sub: 4-Laning of Ujjain-Garoath (Package-II) of NH-752D in MP on HAM Mode-Proposal for the permission for laying 33kv Underground electric line Crossing from NH-752D at Ch. 88.342 at Village Bamnai, Tehsil- Jharda, District Ujjain in the state of MP - Public Comment - Reg.

Ref: PD, PIU-Ujjain e-office file (Computer No. 288498).

The Project Director, PIU-Ujjain vide e-office file (Computer No. 288498) has recommended the proposal for laying 33kv Underground electric line Crossing from NH-752D at Ch. 88.342 at Village Bamnai, Tehsil- Jharda, District Ujjain in the state of MP.

2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016; the Highways Administrator will make available the proposal seeking permission for utility laying for public comments for 30 days on ground of public interest.

3. In view of the above the comments of public are invited on captioned proposal and the same should reach to below mentioned address till 23.08.2025 beyond which no comments will be considered.

The Highway Administrator
O/o Regional Officer,
National Highways Authority of India
E-6/47, Smriti Parisar,
Near Sai Board, Arera Colony,
Bhopal (MP)-462016
E-mail ID: robhopal@nhai.org

This issues with the approval of Regional Officer cum Highway Administration.

(Er. Vinakshi Dahat)
Dy. General Manager (T)

Copy to:

- Web Admin, NHAI-HQ-with request for uploading on the NHAI website.
- The Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's Website.
- The Project Director, NHAI, PIU-Ujjain (M.P.) for information.
- EE, Water Resource Department, Division Ujjain (MP).

List of Correspondences

Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1332820/2025/PIU-UJJAIN	Proposal for the permission for laying 33kv Underground electric line Crossing from NH-752D at Ch. 88.342 at Village Bamnai, Tehsil- Jharda, District Ujjain in the state of MP	Receipt		19/07/2025 12:47 pm		1-45	proposal 33KV underground electric line UG



L.N. MALVIYA INFRA PROJECTS PVT. LTD.

A-12, DIVINE CITY, Near R.K. Puram, Ujjain (M.P.) Pin-456664
Email-lnmujjaingaroth2022@gmail.com

Letter No: LNMIPPL/PD/NHAI/Ujjain-Garoth/2025-26/2351/U-G-2

Date 08.07.2025

To,
The Project Director, PIU-Ujjain
 National Highways Authority of India,
 Prem Nagar, Ujjain-Dewas National Highway Village Chandesari
 Ujjain (M.P.) 456664
 Email: piuujain@nhai.org , ujjainnhai@gmail.com

Sub: Independent Engineer Services for (ii) 4-laning of Khedakhajuria to Suhagadi (Ujjain Garoth, Package-II) from km 41 400 to km 89.200 section of NH-148NG in Madhya Pradesh on Hybrid Annuity Mode. **Reg. Proposal for the permission for laying 33 KV underground electric line crossing from NH-752D at Project Ch. 88.342 (Design Ch. 55.617) at Village Bamnai, Tehsil-Jharda, District Ujjain in the state of M.P.**

Ref:- NHAI Letter no. NHAI/PIU/Ujjain/UG-II/ROL/Bamnai/WRD/2025/699 date 04.07.2025

Dear Sir,

This has reference to above cited subject and referred letter IE Representative has Jointly inspected at Site with WRD Representative to examine the complete proposal as per MORTH policy circular dated 22.11.2016. Our Observations are as below:-

1. The proposal with drawings submitted by WRD have been found satisfactory as per Site Conditions.
2. The 33 KVA electric line shall be laid by HDD method.

In view of above permission may be granted by the Authority as per NHAI norms.

Thanking you and assuring you of our best services and cooperation at all times.

For -L.N. Malviya Infra Projects Pvt. Ltd.

Vaibhaw Acharya

Team Leader cum Senior Highway Engineer
 Ujjain-Garoth Project (M.P.)

Encl.:- As Above

Copy to –

- 1) Authorized Signatory, M/s L.N. Malviya Infra Projects Pvt. Ltd. Bhopal for Information.
- 2) M/s Ujjain Suhagadi Highway PVT. LTD. for Information

Letter No/Date...

DGM (T.) 1/11

Mang. (T.) 1/11

Dy.Mang. (T.) 1/11

JAO/Acc. 01/11

DA - Manish

PD/Ujjain

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई/Project Implementation Unit

कार्यालय: ०१, प्रेम नगर, उज्जैन फ्लायाओवर के पास ग्राम चंदेसरी

उज्जैन (म.प्र.)-४५६६६४

Office: 01, Prem Nagar, Village Chandesari,

Nr. Dewas-Ujjain Flyover, Ujjain (M.P.)-456664

ई-मेल/ E-mail - ujjainnhai@gmail.com, piujain@nhai.org

www.nhai.gov.in, Ph: 0734-3551395



सत्यमेव जयते



NHAI/PIU/UJJN/UG-1/ ROL/Bamnai/WRD/2025/ 699

Date- 04.07.2025

To,

Team Leader,
Independent Engineer
M/s L.N. Malviya Infra Projects Pvt. Ltd.
Ujjain-Garoth NH Project ,
Email: Inmujjaingaroht2022@gmail.com

Sub:- 4-Laning of Ujjain-Garoth (Package-II) of NH-752D in MP on HAM Mode -Proposal for the permission for laying 33kv Undreground electric line Crossing from NH-752D at Ch. 88.342 at Village Bamnai, Tehsil- Jharda, District Ujjain in the sate of MP-reg.

Ref:- EE, WRD, Division- Ujjain letterno. NH/NOC/Electricallinecrossing/Bamnai/Ujjain dated Nil (Received on 26.06.2025).

Sir,

Kindly find enclosed EE, WRD, Division- Ujjain letter received dated 26.06.2025 vide which proposal for request for the permission for laying 33kv Undreground electric line Crossing from NH-752D at Ch. 88.342 at Village Bamnai, Tehsil- Jharda, District Ujjain in the sate of MP.

Please examine the proposal at site as per applicable guidelines (i.e.) MoRT&H policy circular dated 22.11.2016 & submit your comments & recommendation with duly signed checklist & drawing within 2 days to this office.

Encl: As above.

Yours faithfully,

(M. L. Purbia)
Project Director,
NHAI, PIU-Ujjain

Copy to:-

1. Executive Engineer, WRD, Division- Ujjain for information.
2. Concessionaire, M/s Ujjain Suhagadi Highway Pvt. Ltd. For information & necessary action.

OFFICE OF THE EXECUTIVE ENGINEER WATER RESOURCES DIVISION UJJAIN (M.P.)

NH/NOC/Electric line crossing/Bamnai/Ujjain

Dated _____

To,

The Project Director,

Office-01 Prem Nagar Vill Chandesari

Piu Ujjain (M.P)

Sub: Proposal for permission for laying **33 KV underground electric line crossing** from NH-752D at Ch. No. 88.342 at Village-Bamnai, Tehsil-Jharda, District-Ujjain for Micro Irrigation network under Samakota Barrage in the state of Madhya Pradesh.

Ref: Ministry of Road Transport & Highways letter No RW/NH-33044/29/2015/S&R(R) dated 22.11.2016

Dear Sir,

We would like to introduce our self as **Water Resources Division Ujjain (M.P)** We are working for Laying of 33 KV Underground Electrical line, Road Crossing at Ch. No. 88.342 of NH-752D at Village -Bamnai, Tehsil- Jharda, District- Ujjain by HDD Trenchless crossing method for Power supply to **Water Resources Division Ujjain (M.P)** in the state of Madhya Pradesh.

We are enclosing the required document given below:

- 1) Proposal Letter
- 2) Checklist as per MoRT&H guidelines.
- 3) Draft of License deed as per MoRT&H guidelines.
- 4) Drawing:
 - a) Drawing with layout plan indicating the crossing the Highway section
 - b) Drawing showing crossing with typical cross section of carriageway, indicating the level of crossing below the surface level of road, clearly.
- 5) Detail of methodology of execution of work.
- 6) All necessary undertaking MoRT&H guideline dated 22.11.2016.
- 7) KMZ file indicating proposed crossing along the project alignment with project chainage.
- 8) Site map of A3 size showing 50 km both sides.

We shall be highly grateful to you if you kindly arrange to accord necessary permission for **33 KV underground electric line crossing** of Ch. No. 88.342 of NH-752D at Village - Bamnai, Tehsil- Jharda, District- Ujjain in the state of Madhya Pradesh.

Thank You

Letter No/Date... 1100 / 26/6/2025
DGM (T.) I/H
Mang. (T.) I/H
Dy. Mang. (T.) I/H
JAO/ACC

MAHESHWARI
man to SE.

P.D. Main

4

(M. Singh)
Executive Engineer
Water Resources Division
UJJAIN (M.P.)
Water Resources Division Ujjain

C2



मध्य प्रदेश MADHYA PRADESH

CU 799031

1427
100

21/6/2025

Water Resources Division
Ujjain M.P.

Vs

National Highway Authority
of India
Ujjain M.P.



 **BINDU VARUGHESE**
STAMP VENDOR
Shop No.2, Tawa Complex
Biftan Market, Bhopal-462013
Mob: 9826333900

Annexure-II

Enclosure to Ministry of Road Transport & Highways letter No RW/NH33044/29/2015/S&R(R) dated 22.11.2016.

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

Agreement to laying **Underground Electrical 33 KV line Road Crossing at NH-752D at Ch. No. 88.342 at Village-Bamnai, Tehsil-Jharda, District-Ujjain** by Trenchless method-HDD method (Horizontal Directional Drilling Process for Power supply to Micro Irrigation network under Samakota Barrage in the State of Madhya Pradesh.

This Agreement made this _____ day of _____ (month) _____ (year) between acting in his executive capacity through "**The Project Director, National Highway Authority of India, Ujjain**" (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 **Water Resources Division Ujjain (M.P)** (here in after called the "License") which expression Shall by repugnant to the context, include his successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, development and maintenance of lands in **NH-752D at Ch. No. 88.342 at Village-Bamnai, Tehsil-Jharda, District-Ujjain**

Where the licensee proposes to lay **electrical 33 KV line** referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay 33 KV Electrical line **NH-752D at Ch. No. 88.342 at Village-Bamnai, Tehsil-Jharda, District-Ujjain**

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 witnessed 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 Electric Line as per the approved drawing attached hereto subject to the following conditions, namely.

01. RoW permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway ROW is not for enhancing the scope of activity of a utility service provider, either by content or by intent, Further, enforceability of the permission so granted shall be restricted only to the extent of provision /Scope of activities defined in the license agreement & for the purpose for which it is granted.
02. No licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the RoW, either 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 fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
03. 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 utility / industrial infrastructure facilities.

04. The Licensee shall pay license fees @ Rs...../sq. m/month to the Authority. The License fee shall become payable from the date of handing over Of ROW land to the Licensee, for laying of Electrical line. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
05. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
06. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of ROW. In cases where utility ducts with sufficient space are already available along NH. the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
07. The utility services shall be laid at the edge of the ROW. In case of restricted Width of ROW, which may be adequate only to accommodate the carriageway, Central verge, shoulders, slopes of embankment, drains, other road side furniture etc.; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
08. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed, In case this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixings and supporting arrangement as assessed by the authority shall be payable by the Licensee.
09. In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases. It also needs to ensure at maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to 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 utility services shall be at least 0.6 meter below the ground level, However, any structure above ground shall be aesthetically provided / landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be premised to cross The National Highway either through structure or conduits specially built of 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 Specifications of the Ministry.

12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/conduit pipe containing the utility services cross the road shall be at least 2 m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts, A typical sketch showing the clearances is given in Attachment-I
14. The utility services shall cross the National Highway preferable on a 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 sides 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 wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The 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 specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;
18. All Required restoration 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 the ground, a performance Bank Guarantee @ Rs..... per route meter / Rs..... per sq. m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period or 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 utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities/underground installations/facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/ utilities/ facilities etc. 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 underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved Authority for any direct, indirect 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 also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the 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 any damage is caused to the road

pavement in this process, the Licensee will be required restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services the licensee has to execute the restoration work in the 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 damage caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches, for fresh or maintenance /repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% 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 utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land/property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of the Agreement, the utility services located in highways land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the stamp duty charged on this agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged videos recordings of laying of cables in the trench (with

- respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the site at all the time to the Authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall be submitted to the Authority for verification and record within a month of completion of works.
 37. The utilities services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specification and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained, Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
 38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair, and maintenance of any part of the utility lines/ industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
 - a. Operation, repair and maintenance guidelines given by the manufacturer,
 - b. The requirements of Law,
 - c. The Physical condition at the site, and
 - d. The safety of operation personnel and human being.
 39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
 40. While line utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
 41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for the period of one year for an amount assessed by the Authority as a security for making good the excavation of the trenching at least 50 m away from the edge of the RoW.
 42. Any disputes in the interpretation of the terms and conditions of this conditions of this Agreement or their implementation shall be referred to the redress mechanism shall be final and binding on all.

43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of the utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MoRT&H/ NHAI implementing authorities for the project shall not be liable to the concessionaires in any way in this regards.

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

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

SIGNED SEALED AND DELIVERED FOR AND BEHALF OF AUTHORITY.

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

BY SHRI
(Signature, Name & address with stamp)

SIGNED ON BEHALF OF

M/S **Water Resources Division Ujjain (M.P)**
, Ujjain

SIGNED ON BEHALF OF

National Highway Authority of India

(LICENSEE)

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. _____

CHECK-LIST			
Guidelines for project Directors for processing the proposal of laying 33 KV Electrical Power Transmission Line in the land crossing National-Highways vested with NHA1.			
Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.			
Check list for getting approval for laying of Underground Electric Power Transmission Line on NH land			
S.NO.	Item	Information/status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	Executive Engineer Water Resources Division Ujjain Madhya Pradesh	
1.2	National Highway Number	NH-752D	
1.3	State	Madhya Pradesh	
1.4	Location	NH-752D at Ch. No. 88.342 at Village- Bamnai, Tehsil-Jharda, District-Ujjain for Micro Irrigation network under Samakota Barrage in the state of Madhya Pradesh	
1.5	(Chainage in km)	Across at Ch. No. 88.342	
1.6	Length in Meter	NA, as the proposal is for crossing of NH	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	30	
	(b) Right side from center line towards increasing chainage/km direction	30	
1.8	Proposal to lay Underground Electric Power Transmission line		
	a)Left side from center line towards increasing chainage,km direction	NA, as the proposal is for crossing of NH	
	(b)Right side from center line towards increasing chainage/km direction	NA, as the proposal is for crossing of NH	
1.9	Proposal to acquire land		
	(a)Left side from center line	NA	
	(b)Right side from center line	NA	
1.1	Whether proposal is in the same side where land is not to be acquired If not then where to lay the cable	No, as the proposal is line crossing across the NH	
1.11	Details of already laid services, if any, along the proposal route	Nil	
1.12	Number of lanes (2/4/6/8 lanes) existing	4 Lane	
1.13	Proposed Number of lane (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	NO	
	If yes then which side	NA	
	(a)Left side from center line	NA	
	(b)Right side from center line	NA	
1.15	Proposed service road	NA	
	(a)Left side from center line	NA	
	(b)Right side from center line	NA	
1.16	Whether proposal to lay Underground Power Transmission line is after the service road in between the service road between the service road and main carriage away	NO, as the proposal is line crossing across the NH	
1.17	The permission for laying Power Transmission line shall be considered for approval/rejection based in the ministry circulars mentioned as above	Consider for the approval.	

TEAM LEADER
UJJAIN-GAROTH PROJECT
M/s. L.N. MALVIYA INFRA
PROJECTS PVT.LTD.

Executive Engineer
Water Resources Division
UJJAIN (M.P.)

1.18	If crossings of the road involved	Yes	
	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, 1 line crossing, encased in pipe.	
	(a) Existing drainage structures shall not be allowed to carry the lines.	NA	
	(b) Is it on the line Normal to NH	Yes	
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 metre. What is the distance from the existing structures	No existing structure	
	(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 with drawal of the carrier pipe /cable.	Yes	
	(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	Yes	
	(f) The casing/conduit pipe should as minimum extended from drain to drain in cuts and toe of slope toe of slopes in the fills.	Yes	
	(g) The top of the casing /conduit pipe should be atleast 1.2 meter below the surface of the road subject to being atleast 0.3metr below the drain inverts.	Yes	
	(h) Crossing shall be by boring method HDD, specially where the existing road pavement is of cement concrete or dense bituminous concrete type	Yes, Crossing by trenchless-HDD method. Methodology is enclosed.	
	(i) The casting / conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes	
2	Documents / Drawings enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep x 0.3m wide) i) Should not be greater than 60cm wider than the outer diameter of the pipe. (ii) Located as closed to the extreme edge of the right of way as possible but not less than 15m from the centre lines of the nearest carriage way. iii) Shall not be permitted to run along the national highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges. (iv) These should be so laid that their top is atleast 0.6meter below the ground level so as not to obstruct drainage of the road land.	NA, Crossing by trenchless-HDD method across NH	
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes, enclosed	
2.3	Strip plan /route plan showing Power Transmission Line Chainage, width of ROW ,distance of proposed cable from the edge of ROW , important mile stone, intersections, cross drainage works etc.	Yes, Enclosed.	
2.4	Methodology for laying of Power Transmission Line.	Yes, Enclosed.	

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UJJAIN-GAROTH PROJECT
M/s. L.N. MALVIYA INFR.
PROJECTS PVT.LTD.

Executive Engineer
Water Resources Division
UJJAIN (M.P.)

2.4.1	Open Trenching Method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type). If yes, Methodology of refilling of trench .	NA	
	(a) The trench width should be atleast 30cm, but not more than 60cm 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 30cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged 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 th bottom of the road crust.	NA	
	(d) The sidefill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted. (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 Direction Drilling (HDD) method	Yes	
2.4.3	Laying of Underground electrical line through CD works and method of laying	NA	
3	Draft License Agreement signed by two witnesses	Yes	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs. 50/ 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 atleast 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris / loose earth.	Will be submitted after according approval	
4.1	Performance Bank Guarantee as per above is to be obtained.	Will be submitted as per the demand of NHAI	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Yes	
5	Affidavit /Undertaking from 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.	

TEAM LEADER
UJJAIN-GAROTI PROJECT
M/s. L.N. MALVIYA INFRA
PROJECTS PVT.LTD.

Executive Engineer
Water Resources Division
UJJAIN (M.P.)

5.2	Renewal of Bank Guarantee	Yes, Enclosed.	
5.3	Conforming all standard condition of NHAI guidelines	Yes, Enclosed.	
5.4	Shifting of Power Transmission as and when required by NHAI at their own cost.	Yes, Enclosed.	
5.5	Shifting due to 6 laning /widening of NH	Yes, Enclosed.	
5.6	Indemnity against all damages and claims clause (XXIV)	Yes, Enclosed.	
5.7	Traffic movement during laying of Underground Power Transmission line to be managed by the applicant	Yes, Enclosed.	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant	Yes, Enclosed.	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation shifting or repairs, alteration to the over head power Transmission line located in the National Highway Right of -ways	Yes, Enclosed.	
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 power Transmission line will be borne by the agency owing the line.	Yes, Enclosed.	
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 owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, Enclosed.	
5.12	Certificate from the applicant in the following format		
	(i) Laying of Underground Power Transmission Line will not have any deleterious effects on any of the bridge components and road way 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 well be stipulated by NHAI for future four / six laning of any other development."	Yes, Enclosed.	
6	Who will sign the agreement on behalf of Underground Power Transmission Line agency.	Executive Engineer Water Resources Division Ujjain (M.P) Madhya Pradesh	
7	Certificate from the Project Director.		
7.1	Certificate for conforming of all standard condition issued vide Ministry circular no. NH-III/P/66/76, Dt 19.11.1976, Ministry Circular No. NH- III/P/20/77 Dt 08-04-1982, Ministry circular no. RW/NH-III/p/66/76 Dt 11.5.1982 and Ministry circular no. RW/NH-11037/1/86/DOI, dated 19-01-1995.	Yes, Enclosed.	
7.2	Certificate from the P D in the following Format		

TEAM LEADER
UJJAIN-GAROTH PROJECT
Vs. L.N. MALVIYA INFRA
PROJECTS PVT.LTD.

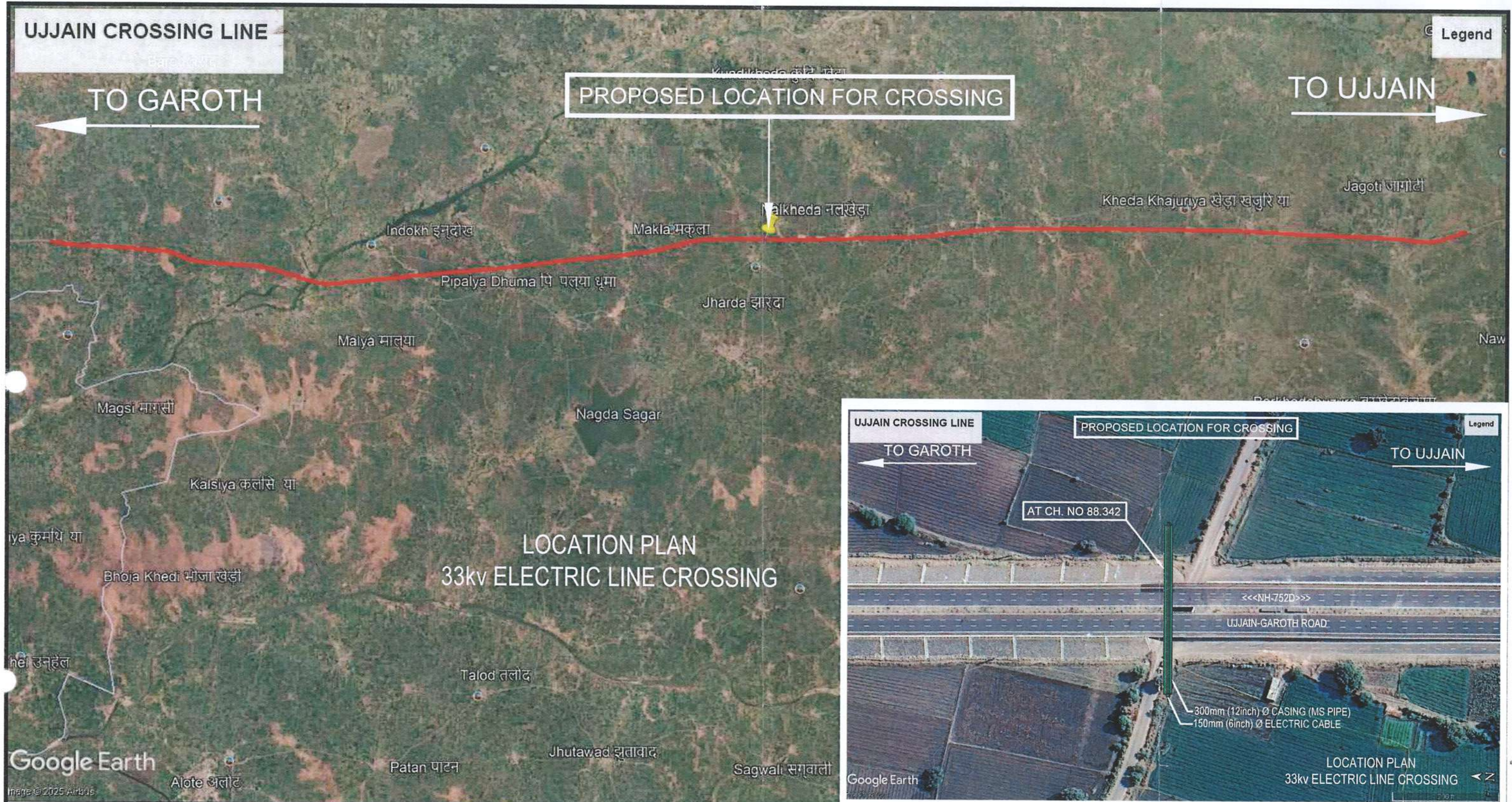
Executive Engineer
Water Resources Division
UJJAIN (M.P)

	(i) "It is certified that any other location of the Power Transmission line would be extremely difficult and unreasonable costly and the installation of Power Transmission Line within ROW will not adversely affect the design, stability and traffic safety of the Highway nor the likely future improvement such as widening of the carriage way, easing of curve etc."	NA	
	(ii) For 6 laning (a) Where feasibility is available " I do certify that there will be no hinderance to proposed six laning based on the feasibility report considering proposed structures at said location" (b) In Case feasibility report is not available " I do certify that sufficient ROW is available at side for accommodating proposed six laning".	NA	
8	If NH Section proposed to be taken up by NHAI on BOT basis a clause is to be inserted in the agreement ."The permitted Highway on which licensee has been granted the right to power transmission line has also been granted as a right of way to the concessionaire under the concession agreement for upgradation of (to section from Ch. No.279.779 of NH-52 on Build, Operate and Transfer Basis) and therefore, The licensee honor the same."	Yes, Inserted	
9	Who will supervise the work of laying Power Transmission Line.	Executive Engineer Water Resources Division Ujjain (M.P) Project Director, NHAI	
10	Who will ensure that the defects in road portion after laying of Underground Power Transmission Line are corrected and if not corrected then what action will be taken.	Executive Engineer Madhya Pradesh Industrial Development Corporation Ltd. Ujjain Madhya Pradesh Project Director, NHAI	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Executive Engineer Water Resources Division Ujjain (M.P) Madhya Pradesh	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).	Yes, Enclosed.	
13	If any previous approval is accorded for laying of Power Transmission then photocopy of register of records of permissions accorded as maintained by PD may be enclosed.	Yes, Enclosed.	



mi. P.
Executive Engineer
Water Resources Division
UJJAIN (M.P.)

[Signature]
Project Director
NHAI, PIU- Ujjain (M.P.)



LOCATION : BAMNAI (UJJAIN)

50KM STRETCH PLAN

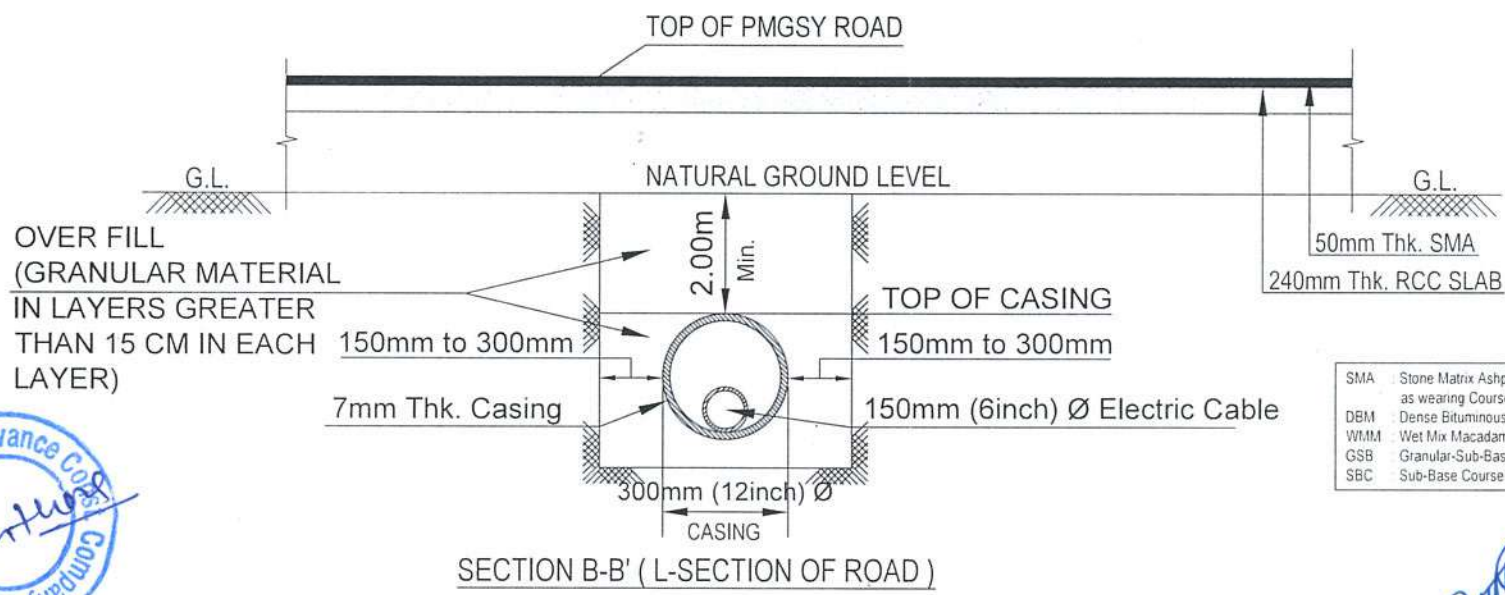
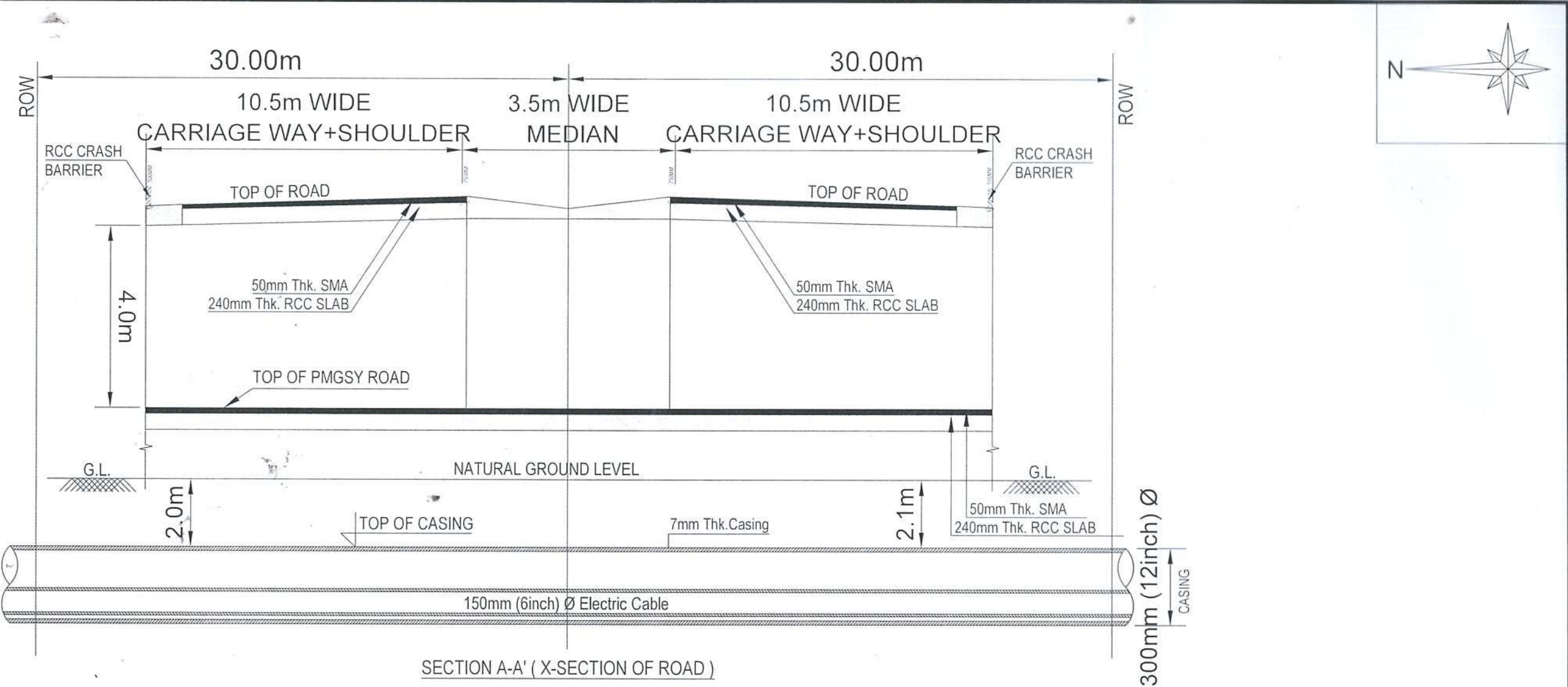


[Signature]

[Signature]
Sub Divisional Officer
Water Resources Sub Division
UJJAIN (M.P.)

[Signature]
Executive Engineer
Water Resources Division
UJJAIN (M.P.)

WATER RESOURCES DIVISION UJJAIN (M.P.)



SMA	Stone Matrix Asphalt (SMA) as wearing Course
DBM	Dense Bituminous Macadam
WMM	Wet Mix Macadam
GSB	Granular-Sub-Base
SBC	Sub-Base Course

TEAM LEADER
UJJAIN-GAROTH PROJECT
M/s. L.N. MALVIYA INFRA
PROJECTS PVT.LTD.

LEGEND	
SYMBOL	DESCRIPTION
	ELECTRIC POLE
	HOUSE
	CULVERT
	TEMPLE
	SHOP
	TREE

GO. Civil Advance Corp.
Company Pvt. Ltd.

Sub Divisional Officer
Water Resources Sub Division
Mahidpur

Executive Engineer
Water Resources Division
UJJAIN (M.P.)

Manager (Tech.)
NHAI PIU Ujjain (M.P.)

LINE NAME : UJJAIN-33kv ELECTRIC LINE
33kv ELECTRIC CABLE 300 sqmmØ CROSSING
UNDER GROUND CROSSING WITH 150mm 6inchØ
CASING OF MS PIPE BY HDD METHOD

LOCATION/KEY PLAN OF THE PROPOSED ELECTRIC LINE CROSSING SITE
ALONG THE SITE HIGHWAY SHOWING DETAILS
OF RIGHT OF WAY (ROW) CROSS SECTION OF THE PROPOSED
ELECTRIC LINE CROSSING SITE SCALE : 1 2500

WATER RESOURCES DIVISION UJJAIN (M.P.)

PROJECT TITLE :
33KV ELECTRIC LINE CROSSING
UNDER GROUND CROSSING WITH CASING OF MS PIPE

DRAWING TITLE :
150mm (6inch) Ø of Electric Cable and
300mm (12inch) Ø Casing of MS Pipe Crossing at
CH NO.-88.342 KM ON NH-752D (UJJAIN - GAROTH ROAD)

Nearest Mile Stone No. and Distance:-
Nearest Mile Stone No. 88 and
Distance 342.000 m From Crossing

VILLAGE - BAMNAI
TEHSIL - JHARDA
DISTRICT - UJJAIN

CROSSING NO.
EL-02

Project Details		
1	Name of Project	Samakota Barrage Project
2	Location / District/ Tehsil	Samakota/Ujjain/Mahidpur
3	Reservoir Capacity	17.57 MCM
4	Proposed Irrigation (Hac.)	7286 Ha
5	Water Source / Live Capacity (MCM)	17.57 MCM
6	No. of Benefitted villages	20
7	Power Requirement (MW)	3.22 MW
8	Total Submergence	306.53 Ha
9	Government Land	173.69 Ha
10	Private Land	132.84 ha



ABoghel
Sub-Divisional Officer
 Water Resources Sub Division
 Mahidpur

mi-Rf
Executive Engineer
 Water Resources Division
 UJJAIN (M.P.)

Sub: Proposal for permission for laying 33 KV underground electric line crossing from NH-752D at Ch. No. 88.342 at Village-Bamnai, Tehsil-Jharda, District-Ujjain for Micro Irrigation network under Samakota Barrage in the state of Madhya Pradesh.

by Trenchless method (HDD method)

DETAIL REGARDING UNDERGROUND LAYING OF ELECTRIC LINES:

1. (i) Name of the Company asking for Permission : **Water Resources Division Ujjain (M.P)**
 (ii) Full address (Registered) : **Water Resources Division Ujjain (M.P)**
 Corporate Address
 (iii) Details & Purpose for laying the Cable : NH-752D at Ch. No. 88.342 at Village-Bamnai, Tehsil-Jharda, District-Ujjain for Micro Irrigation network under Samakota Barrage
 (iv) Any other details regarding laying
 (a) Distance of proposed site from The centre of the road at the : -
 (b) Whether it is possible to lay the proposed lines or not, reasons : Only road crossing
2. Detail regarding road alignment where UG is to be laid along the road
 (i) Name of Road : NH-752D
 Category of road (to be ascertained) : **4-lane road**
 (ii) Width of the road : -
 (a) Formation width measured : 60m
 (b) Black top road carriage-way width : -
 (c) Road boundary : -
 Location of cable laying along
3. Details to be supplied on lay out drawings. : 3 sets proposed route drawing are enclosed.
4. GEOGRAPHICS OF THE CABLE ROUTE
 (a) Dimension of the cable trench :
 (b) Dimension of Cable/HDPE Protection pipe. : 150MM dia of electric Cable Line & 300sq. mm and Casing of 300 mm dia GI pipe 60 m pipe.
 (c) Size of Optical Fiber Telecom Transmission cable : NA
 (d) Right of way : Road crossing width
5. (i) This is certified that on Govt. Road land shall be occupied by **Water Resources Division Ujjain (M.P)** except for the purpose of laying of road crossing.
 (ii) This is to certify that the work shall be in accordable with the Govt. Rules and regulation in force time to time and binding to **Water Resources Division Ujjain (M.P)**
 (iii) This if certify that all required Cost and Fees as per rules and regulation of the Govt. will be deposited timely.

Date: / /

Place: **Ujjain**

Encl: Route Marked on Map


 Executive Engineer
 Water Resources Division
 UJJAIN (M.P.)

Methodology of Laying of Power Cable - Trenchless (HDD)

Trenchless Crossing: HDD Method

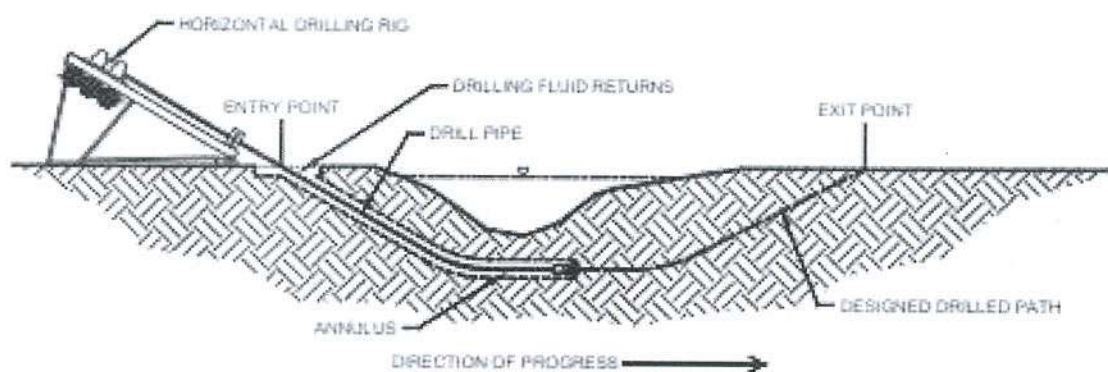
Horizontal Directional Drilling (HDD) is a technique for installing product pipes, including utility lines, below ground using a surface - mounted drill rig that launches and places a drill string at a shallow angle to the surface and has tracking and steering capabilities. Crossing on the Route will be done by Horizontal Directional Drilling method 2 Meter below the ground level without disturbing the road surface. Cable will be laid through HDPE Pipe.

The Horizontal Directional Drilling Process

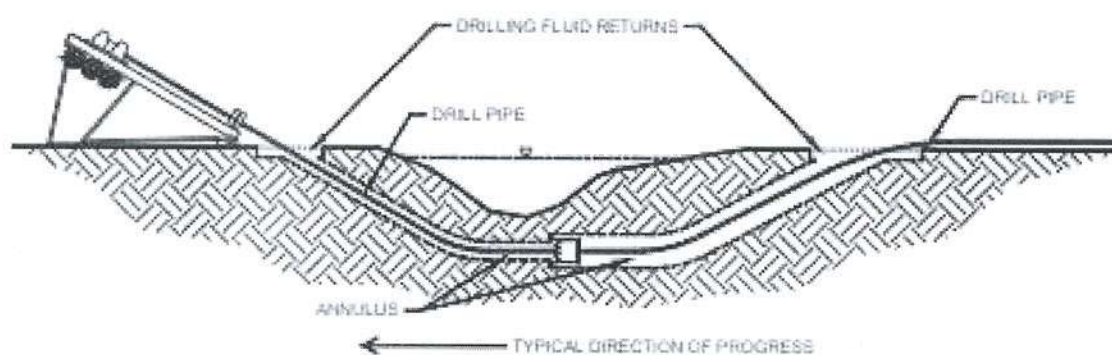
The tools and techniques used in the horizontal directional drilling (HDD) process are an outgrowth of the oil well drilling industry. The components of a horizontal drilling rig used for pipeline construction are similar to those of an oil well drilling rig with the major exception being that a horizontal drilling rig is equipped with an inclined ramp as opposed to a vertical mast. HDD pilot hole operations are not unlike those involved in drilling a directional oil well. Drill pipe and downhole tools are generally interchangeable and drilling fluid is used throughout the operation to transport drilled spoil, reduce friction, stabilize the hole, etc. Because of these similarities, the process is generally referred to as drilling as opposed to boring. Installation of a pipeline by HDD is generally accomplished in three stages as illustrated in Figure 1. The first stage consists of directionally drilling a small diameter pilot hole along a designed directional path. The second stage involves enlarging this pilot hole to a diameter suitable for installation of the pipeline. The third stage consists of pulling the pipeline back into the enlarged hole.


 Executive Engineer
 Water Resources Division
 UJJAIN (R.P.)

PILOT HOLE



PREREAMING



PULLBACK

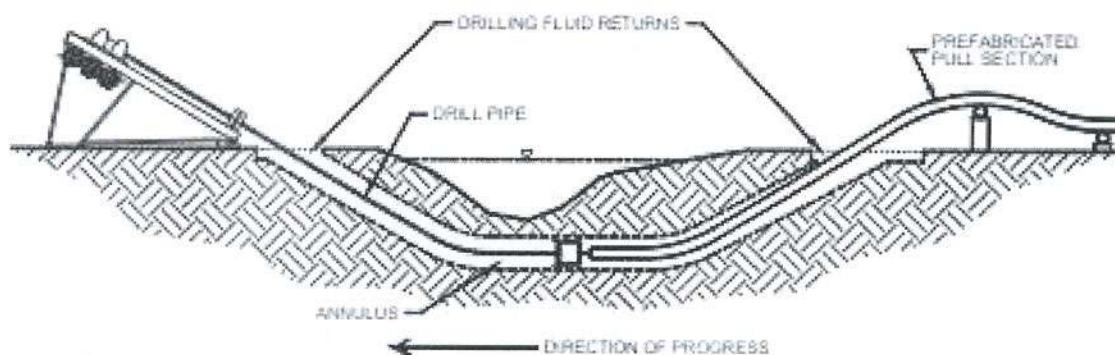
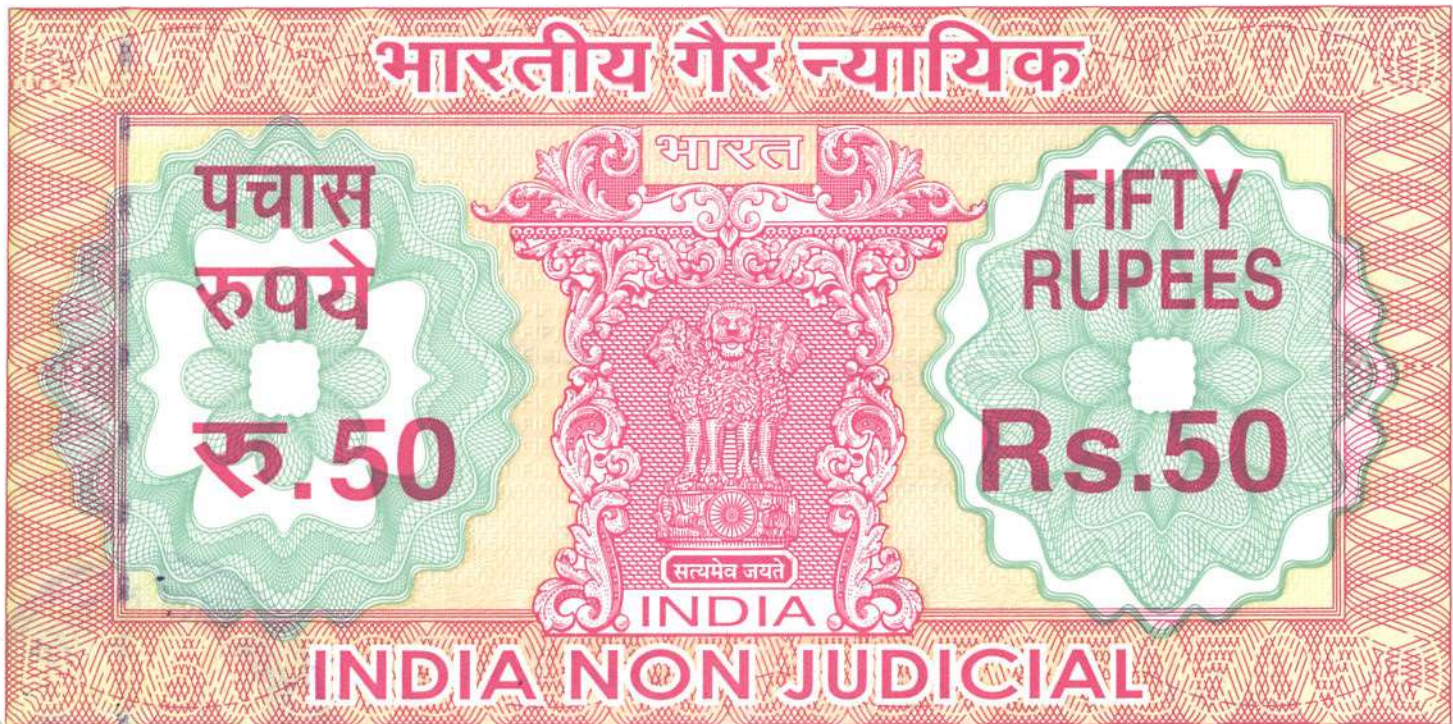


Figure 1
The HDD Process

mi. D.
Executive Engineer
Water Resources Division
UJJAIN (M.P.)



मध्य प्रदेश MADHYA PRADESH

BW 135073

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21/6/2025

Water Resources Division
Ujjain M.P.

Vs

National Highway Authority
of India
Ujjain M.P.



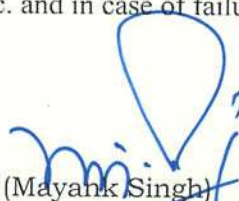
8/ ~~BRANCH OFFICE~~
STATIONER
Shop No. 3, 4, 5, 6, 7, 8, 9, 10
Bitter, Ujjain, M.P. 481001
Mob: 9792720000

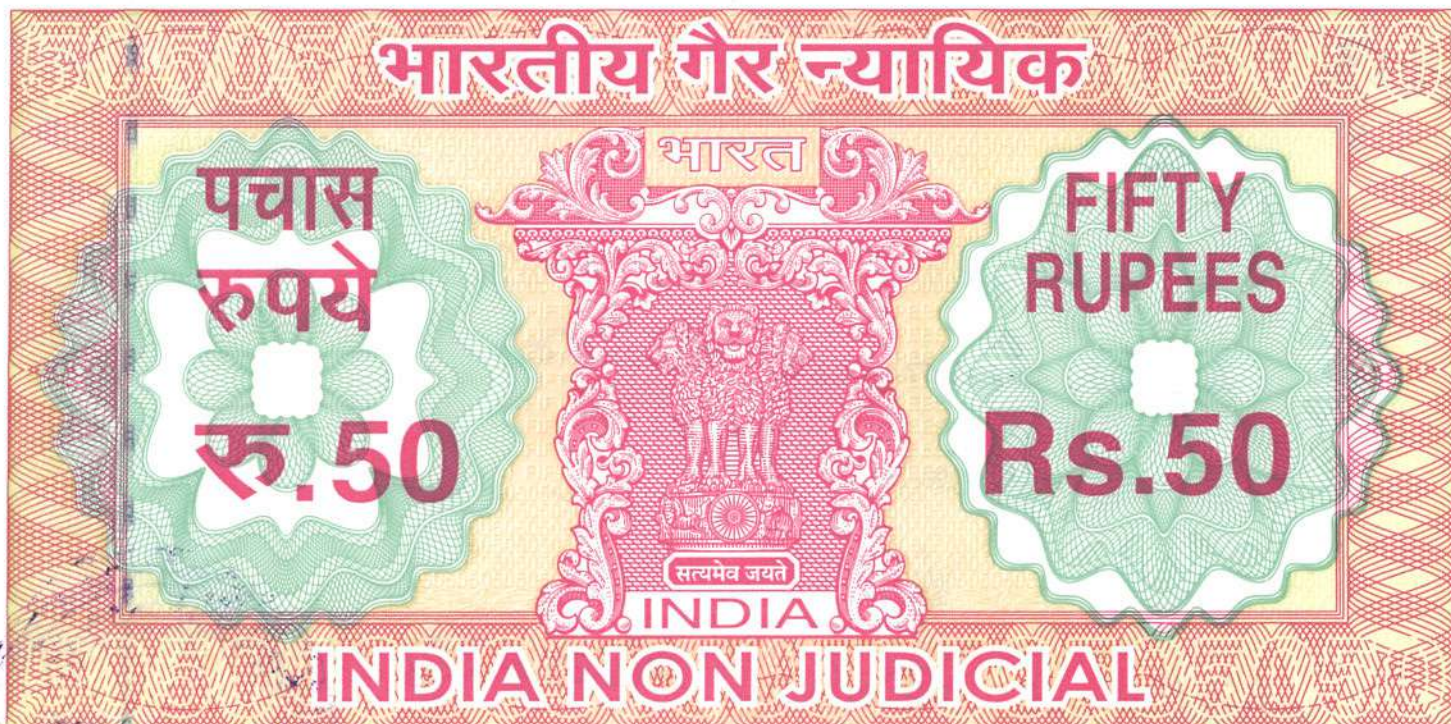
UNDERTAKING

An undertaking is given by **Water Resources Division Ujjain (M.P)**, For Laying Electrical Power Cable across National Highway NH-752D From km Ch. No. 88.342 Village-Bamnai, Tehsil- Jharda, Distict- Ujjain hereby do undertake that:-

1. We will relocate Cable lines / Utilities at our own cost, notwithstanding the Permission granted within such time as will be stipulated by NHAI for further expansion or any other development.
2. If river / nallah are dry, **Water Resources Division Ujjain (M.P)** proposes to cross the same by laying GI pipes at least 1.65 in below the river bed, in case of following water where Cannot cross by Horizontal Drilling method, the same bridge / canal will be crossed by clamping method.
 - 2.1 If clamp is no possible bridge will be crossed by concrete encased GI pipe laid inside the railing on the edge of the bridge.
3. All link roads will be crossed by using trench less method (HDD). In case if there are any difficulties at a particular crossing will contact department's concerned engineer before taking up the work.
4. 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.
5. In the event of any mis-happening / accidents etc. while carrying laying of cables, shall be liable to pay the any type of compensation so claimed.
6. **Water Resources Division Ujjain (M.P)** shall not cause any damage to the carriageway of the highway and structure like bridges, culverts, drains, buildings, etc. and in case of failure.

For :


 (Mayank Singh)
 Executive Engineer
 Water Resources Division
 UJJAIN (M.P.)



मध्य प्रदेश MADHYA PRADESH

BW 135074

21/6/2025

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Water Resources Division
Ujjain M.P.

Vs

National Highway Authority
of India
Ujjain M.P.



 **BINDU VARUGHESSE**
STAMP VENDOR
Shop No.2, Tawa Complex
Bittan Market, Bhopal-462016
Mob.9327236330

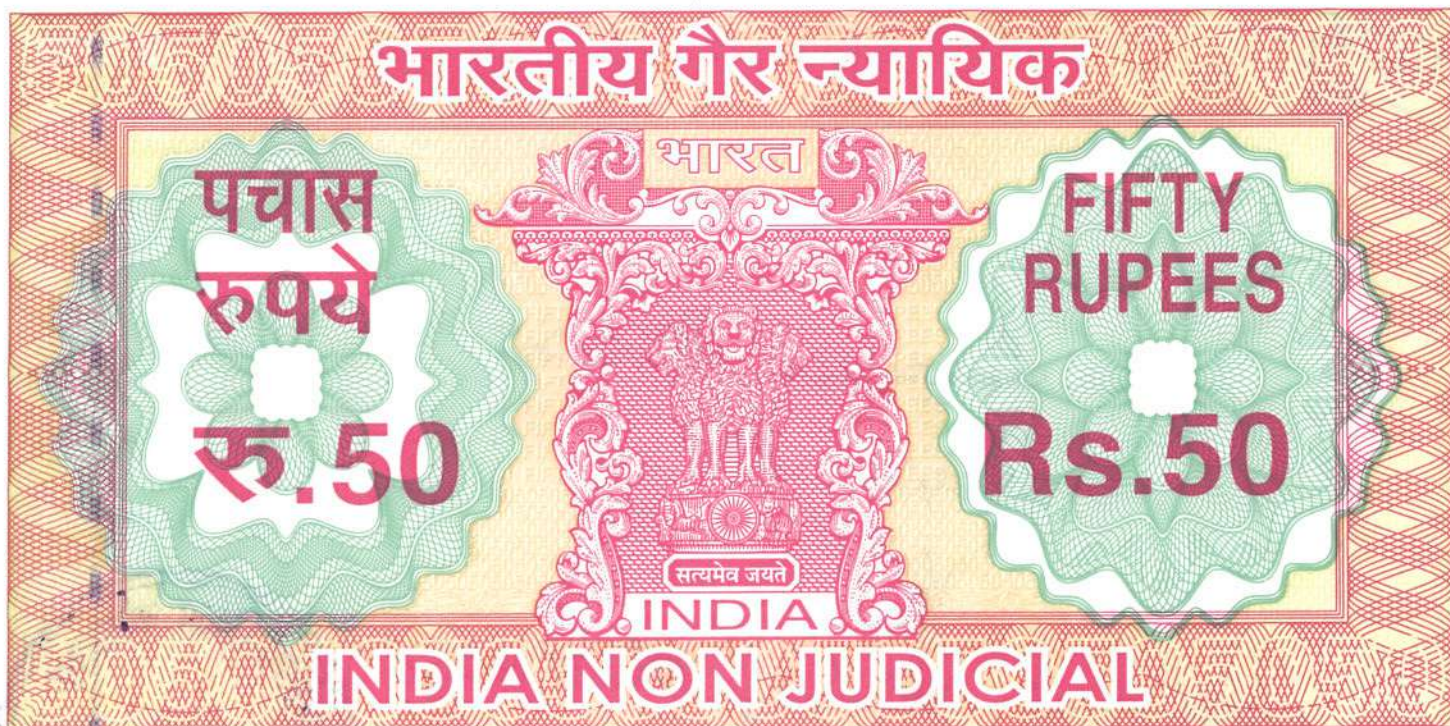
UNDERTAKING

An undertaking is given by **Water Resources Division Ujjain (M.P)**, For Laying Electrical Power Cable across National Highway NH-30 From km Ch. No. 88.342 Village-Bamnai, Tehsil- Jharda, Distict- Ujjain hereby do undertake that:-

1. **Water Resources Division Ujjain (M.P)**, will be liable to make good the loss caused to department.
2. 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 liability of **Water Resources Division Ujjain (M.P)**,
3. **Water Resources Division Ujjain (M.P)**, shall be responsible for any damage caused to the trespassing in the NH boundary; It will be responsibility of **Water Resources Division Ujjain (M.P)**, to obtain permission for such likely foreseen / unforeseen damage from the competent Authority.
4. In case of some unavoidable circumstances if **Water Resources Division Ujjain (M.P)**, 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 damage. The crossing of carriageway shall be allowed with pressure angers only.
5. While crossing the bridge / culverts, no additional dead load shall be allowed to be added to the existing structure.
6. In case of difficulty anywhere in the stretch, **Water Resources Division Ujjain (M.P)**, shall contact the concerned engineer of the department.

For :


 (Mayank Singh)
 Executive Engineer
 Water Resources Division Ujjain
UJJAIN (M.P.)



मध्य प्रदेश MADHYA PRADESH

BW 135075

21/6/2025

1438
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Water Resources Division
Ujjain M.P.

Vs

National Highway Authority
of India
Ujjain M.P.



BINDU K. KUMAR
STATIONER
Shop No. 101, Complex
Bharat Nagar, Ujjain-482018
Mob: 9826020201

UNDERTAKING

We **Water Resources Division Ujjain (M.P)**, hereby do agree that:-

1. **Water Resources Division Ujjain (M.P)**, shall be solely responsible / liable for full compensation indemnification of concerned agency / aggrieved owners 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 6 laning of the NH. However, we also agree that we shall shift the cables / ducts within such time as will be stipulated (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 the road / route / highway or construction of flyover / bridge and restore the road / land to its original condition at our own cost and risk.
3. We will not violate the instructions of MORTH (Ministry of Road Transport & Highways), New Delhi.
4. It is undertaken that the cable will be carried out on the outside of railing / parapets of the bridges / culvert and supported by brackets and fixed outside of the bridge super - structure or as design approved by the Engineer In Charge.
5. Cable will be laid under link road by boring system.
6. The agency will notify the concerned Executive Engineer at least 15 days in advance before digging trenches along with the road.
7. Adequate arrangement for cautioning the traffic by way of caution board during daytime and danger light at night will be provided by the agency.
8. Each days the extent of digging trenches should be strictly regulated so that the cables are laid and trenches filled up before the close of work that day, the filling should be completed to the satisfaction of Engineer in Charge.
9. The agency shall indemnify the road all the damages, if any, due to the digging of trenches for the laying of the cables.

For :


 (Mayank Singh)
 Executive Engineer
 Water Resources Division
 UJJAIN (M.P.)

**OFFICE OF THE EXECUTIVE ENGINEER,
WATER RESOURCES DIVISION, UJJAIN**

Memo No. 14 / SAC/ 2023Ujjain, dated - 03 / 01 / 2023

LETTER OF ACCEPTANCE

To

M/s Goodwill Advance Construction Co.Pvt. Ltd.,
H/O 41-42, 1st Floor CAD Circle,
Kota-324009 (Rajasthan)

Sub :-

On Turn key Basis Construction of Barrage and Micro irrigation net work under Samakota Barrage Project as per detail scope of work but not limited that N.I.T. No. 902/2022-23 /E-IN-C/e-tendering Bhopal dated 09/05/2022. (System tender No. 2022_ WRD_202110_1 (Agreemented Amount Rs.14111.97 Lakhs)

Ref:-

M.P. Government Water Resources Department, Major Project Control Board Bhopal Order No. वृ.सं.नि.सं-117/नि/31/2022/563 नोपास, दिनांक 28.12.2022

Your bid for the work mentioned above has been accepted on behalf of the Government of Madhya Pradesh at your bided percentage 8.20% (Eight point Twenty percent) below U.S.R. 2017 ammendment in March 2021.


You are requested to submit within 30 (Thirty) days from the date of issue of this letter:-

- The performance security/performance guarantee of Rs.5.00 Crore/- (Rs. Five Crore) only. The performance security guarantee shall be in the shape of term deposit receipt /bank guarantee of any Nationalized/Schedule commercial bank valid upto Ninety Days Beyond the period for completion of costruction & Stamp fee required Amount Rs 5.00 lakhs(Five Lakhs) Only as per Govt of Madhya Pradesh Bhopal Gazette notification dated 28/03/2020 with submit the Original document at the time of Bid submission.
- Sign the contract agreement.

Please note that the time allowed for carrying out the work as entered in the bid is 24 months including rainy season, shall be reckoned from the date of signing the contract agreement.

Signing the contract agreement shall be reckoned as intimation to commencement of work and no separate letter for commencement of work is required. Therefore, after signing of the agreement, you are directed to contact the Engineer-In-Charge for taking the possession of site and necessary instructions to start the work.

Encl:- 1- Copy of Sanctioned Order.


(Kamal Kuwal)

Executive Engineer

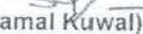
Water Resources Division Ujjain

Ujjain, dated -

Endt.No..... /SAC/

copy forwarded to :-

- The Engineer In Chief ,Water Resources Department, Jal Sansadhan Bhawan,Tulsi Nagar Bhopal
- The Chief Engineer, Water Resources deaprtment, Ujjain.
- The Superintending Engineer Water Resources Circle Ujjain
For information please.
- Sub-Divisional Officer, Water Resources Sub-division Mahidpur for information. The progress of the work by the contractor may be watched and intimated to this office.
- The Auditor, Water Resources sub-division, Mahidpur.


(Kamal Kuwal)

Executive Engineer

Water Resources Division Ujjain

SAC Letter 2019



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CTN.- U40109AP2002SGC015121

Project/Estimate Detail Report

Printed on: 04-JUN-2025:02:06:37 PM

Project/Estimate Number	441872
Long Name of Estimate	33 KV MP JAL NIGAM 33KV H.T. CONNECTION LINE WORK HAS APPLIED FOR 3220 KVA AT VILLAGE GHATIYA JASSA (SAMAKOTA BERAJ PAMP HOUSE 01) UNDER ZARDA DC. TO MEET OUT THE DEMAND PROJECT IS PREPARED.
Name of Estimate	33 KV LINE WORK SAMAKOTA
Organization Name	MD-Corporate-Office
Carrying Out Org	EE-O&M Division-Mahidpur
Description	33 KV MP JAL NIGAM 33KV H.T. CONNECTION LINE WORK HAS APPLIED FOR 3220 KVA AT VILLAGE GHATIYA JASSA (SAMAKOTA BERAJ PAMP HOUSE 01) UNDER ZARDA DC. TO MEET OUT THE DEMAND PROJECT IS PREPARED.
Scheme Name	Deposit Works Sch No. 177 ()
Type of Work	5% Supervision Cost will be deposited from Consumer
Funding Agencies & Percentages	
Status	Submitted
Status Date	01-MAY-25
MR No.(Anudan Yojna)	17114048.23(One Crore Seventy-One Lakh Fourteen Thousand Forty-Eight)
Estimated Amount	(Note : Above Estimated Amount is same as "Total Cost" on Financial Estimate Page. Approved Estimated amount may differ with this Estimated Amount.)
Project Manager	Mr. Ravi Kumar Pathak
Project Creator	Mr. Virendra Yogi
History and Scope Attachments	

S. No.	Particulars/Task	Expenditure Type	UOM	Planned Work Quantity	Total Material Cost	Total Miscellaneous Cost	Total Task Cost
1	33 KV Line	146730-673.04	Kilometre	14.3	9362653.72	1685277.00	11047930.70
2	3 POLE TP STRUCTURE	146730-673.06	Number	4	242307.60	43616.00	285923.60
3	33 KV DP STRUCTURE	146730-673.06	Number	24	1530654.16	275554.00	1806408.16



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S. No.	Particulars/Task	Expenditure Type	UOM	Planned Work Quantity	Total Material Cost	Total Miscellaneous Cost	Total Task Cost
4	33 KV LAST SPAN CABLE	146730-673.04	Kilometre	.02	168665.70	30364.00	199049.70
5	ROAD LINE CROSSING	146730-673.06	Number	1	1727520.70	310954.00	2038474.70
6	FOUR POLE STRUCTURE	146730-673.06	Number	1	158817.45	28588.00	187405.45
7	UNDERGROUND CABLE	146730-673.06	Number	1	1312589.91	236266.00	1548855.91
Total					14503429.23	2610619.00	17114048.23

Schedule Details

Task Number: 6

Task Name: FOUR POLE STRUCTURE

S. No.	SOR No.	Item Code	Item Description	UOM	Quantity (SOR)	Quantity	Rate	Amount
1	A-8.1	M0001001	Back Filling of Poles with Boulders	Number	1	1	171.00	171.00
2	A-8.1	E0001001	Back Filling of Poles with Boulders	Number	1	1	0.01	0.01
3	A-8.1	M0001037	Concreting of for poles @ 0.3 cmt. for pole (Including muffling)	Cubic Metre	3.84	3.84	4729.00	18159.36
4	A-8.1	E0001037	For Concreting (1:3:6) 0.36 H-Beam -7/9m & RSJ 9.3 m, PCC Pole DP/TP/4P of 140 kg, 8m, 200Kg, 9m, 280Kg 0.9m, 0.56 for 11m, 0.60 for 13m, 0.67 for 15m Per Pole include muff wid Pit digging, 0.3 per stay (20/25) etc	Cubic Metre	3.84	3.84	630.00	2419.20
5	A-8.1	M0403014	Stay wire 7/4.0 mm. (8.5kg. Stay wire per stay set)	Kilogram	60	60	82.00	4920.00
6	A-8.1	E0403014	Stay wire 7/4mm. kg per stay for H-Beam / PCC Pole 280 Kg, 9 m @ 7.5, 11 m @ 8.50, 13 m @ 10, 15 m @ 12	Kilogram	60	60	0.01	0.60
7	A-8.1	M0403016	Anti climbing Device (Barbed Wire) GS 2.24 mm Dia (14 SWG)	Number	4	4	306.00	1224.00
8	A-8.1	E0403016	Anti climbing Device (Barbed Wire) GS 2.24 mm Dia (14 SWG)	Number	4	4	40.00	160.00
9	A-8.1	M0403096	Earthing Coil (coil of 115 turns of 50 mm.dia. and 2.5 Mtrs. lead of 4.0 mm. G.I wire)	Number	4	4	116.00	464.00


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S. No.	SOR No.	Item Code	Item Description	UOM	Quantity (SOR)	Quantity	Rate	Amount
10	A-8.1	E0403096	EARTHING COIL OF 115 TURNS OF 50 MM DIA AND 2.5 MTR LEAD OF 4.0 MM G.I WIRE	Number	4	4	0.01	0.04
11	A-8.1	M0403208	M.S.Nuts and Bolts	Kilogram	54	54	82.00	4428.00
12	A-8.1	E0403208	M S BOLT WITH NUT	Kilogram	54	54	0.01	0.54
13	A-8.1	M0404211	33 KV STRAIN (T&C TYPE) HARDWARE FITTINGS	Number	18	18	271.00	4878.00
14	A-8.1	E0404211	33 KV STRAIN (T&C TYPE) HARDWARE FITTINGS	Number	18	18	0.01	0.18
15	A-8.1	M0501010	PCC POLE 280 KG 9.1 MTRS -30FT- LONG	Number	4	4	3597.00	14388.00
16	A-8.1	E0501010	PCC POLE 280 KG 9.1 MTRS -30FT- LONG	Number	4	4	3064.00	12256.00
17	A-8.1	M0502023	Back Clamp for 280 Kg PCC Pole MS Flat 50x8 mm	Number	16	16	175.00	2800.00
18	A-8.1	E0502023	Back Clamp for 280 Kg PCC Pole MS Flat 50x8 mm	Number	16	16	0.01	0.16
19	A-8.1	M0502105	DC.CROSS ARMS 5" (1.5 METER) CENTRE TO CENTRE 100X50X6MM CHANNEL for jumper support for 33 kv & 11 kv structure side	Number	6	6	5337.00	32022.00
20	A-8.1	E0502105	DC.CROSS ARMS 5" (1.5 METER) CENTRE TO CENTRE 100X50X6MM CHANNEL	Number	6	6	954.00	5724.00
21	A-8.1	M0502222	MS STRAIN PLATE 65X8 MM, 250 MM LONG	Number	24	24	53.00	1272.00
22	A-8.1	E0502222	MS STRAIN PLATE 65X8 MM, 250 MM LONG	Number	24	24	0.01	0.24
23	A-8.1	M0502231	STAY SET WITHOUT STAY WIRE 20 MM. (PAINTED)	Number	8	8	1093.00	8744.00
24	A-8.1	E0502231	STAY SET WITHOUT STAY WIRE 20 MM. (PAINTED)	Number	8	8	677.00	5416.00
25	A-8.1	M0502260	Clamp suitable for 280Kg 9.1mtr long	Number	36	36	278.00	10008.00
26	A-8.1	E0502260	SUPPLY OF Clamp suitable for 280Kg 9.1mtr long	Number	36	36	1.00	36.00
27	A-8.1	M0502398	Bracing/Support angle of 65x65x6 mm for 5 feet (1.5 mtr) centre DP	Number	4	4	4237.00	16948.00
28	A-8.1	E0502398	Errection Horizontal and cross bracing 5' centre	Number	4	4	353.00	1412.00
29	A-8.1	M0502430	DANGER BOARD ENAMELED 33 KV	Number	1	1	69.00	69.00


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S. No.	SOR No.	Item Code	Item Description	UOM	Quantit y(SOR)	Quantit y	Rate	Amount
30	A-8.1	E0502430	DANGER BOARD ENAMELED 33 KV	Number	1	1	29.00	29.00
31	A-8.1	M0601036	Stay insulator	Number	8	8	16.00	128.00
32	A-8.1	E0601036	SUPPLY OF STAY INSULATOR 90X65MM	Number	8	8	0.01	0.08
33	A-8.1	M0602001	33 KV,10 KN PIN COMPOSITE POLYMER INSULATOR	Number	4	4	423.00	1692.00
34	A-8.1	E0602001	33 KV,10 KN PIN COMPOSITE POLYMER INSULATOR	Number	4	4	47.00	188.00
35	A-8.1	M0602005	33 KV ,45 KN 16mm FRP with 25mm per KV Creepage DISC POLYMER LONG ROD TYPE T&C INSULATOR (FOR 11KV SIDE)	Number	18	18	193.00	3474.00
36	A-8.1	E0602005	33 KV ,45 KN 16mm FRP with 25mm per KV Creepage DISC POLYMER LONG ROD TYPE T&C INSULATOR (FOR 11KV SIDE)	Number	18	18	153.00	2754.00
37	A-8.1	M0702056	Stone Block/Pre cast block for base pedding 450x450x75mm	Number	4	4	281.00	1124.00
38	A-8.1	E0702056	Stone Block/Pre cast block for base pedding 450x450x75mm	Number	4	4	0.01	0.04
39	A-8.1	M1214001	Red oxide paint	Litre	2	2	94.00	188.00
40	A-8.1	E1214001	Red oxide paint	Litre	2	2	270.00	540.00
41	A-8.1	M1214002	Aluminium paint	Litre	2	2	198.00	396.00
42	A-8.1	E1214002	Aluminium paint	Litre	2	2	192.00	384.00
							Total Rs.	158817.45

Task Number: 3
Task Name: 33 KV DP STRUCTURE

S. No.	SOR No.	Item Code	Item Description	UOM	Quantit y(SOR)	Quantit y	Rate	Amount
1	A-6.1	M0001001	Back Filling of Poles with Boulders	Number	48	48	171.00	8208.00
2	A-6.1	E0001001	Back Filling of Poles with Boulders	Number	48	48	0.01	0.48
3	A-6.1	M0001037	Concreting of for poles @ 0.3 cmt. for pole (Including muffing)	Cubic Metre	60.48	60.48	4729.00	286009.92


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CIN:- U40109MP2002SGC015121

S. No.	SOR No.	Item Code	Item Description	UOM	Quantit y(SOR)	Quantit y	Rate	Amount
4	A-6.1	E0001037	For Concreting (1:3:6) 0.36 H-Beam -7/9m & RSJ 9.3 m, PCC Pole DP/TP/4P of 140 kg. 8m 200Kg. 9m 280Kg 0.9m, 0.56 for 11m, 0.60 for 13m, 0.67 for 15m Per Pole include muff wid Pit digging, 0.3per stay(20/25)etc	Cubic Metre	60.48	60.48	630.00	38102.40
5	A-6.1	M0403014	Stay wire 7/4.0 mm. (8.5kg. Stay wire per stay set)	Kilogram	1080	1080	82.00	88560.00
6	A-6.1	E0403014	Stay wire 7/4mm. kg per stay for H-Beam / PCC Pole 280 Kg. 9 m @ 7.5, 11 m @ 8.50, 13 m @ 10, 15 m @ 12	Kilogram	1080	1080	0.01	10.80
7	A-6.1	M0403016	Anti climbing Device (Barbed Wire) GS 2.24 mm Dia (14 SWG)	Number	48	48	306.00	14688.00
8	A-6.1	E0403016	Anti climbing Device (Barbed Wire) GS 2.24 mm Dia (14 SWG)	Number	48	48	40.00	1920.00
9	A-6.1	M0403096	Earthing Coil (coil of 115 turns of 50 mm.dia. and 2.5 Mtrs. lead of 4.0 mm. G.I wire)	Number	48	48	116.00	5568.00
10	A-6.1	E0403096	EARTHING COIL OF 115 TURNS OF 50 MM.DIA AND 2.5 MTR LEAD OF 4.0 MM G.I WIRE	Number	48	48	0.01	0.48
11	A-6.1	M0403208	M.S.Nuts and Bolts	Kilogram	432	432	82.00	35424.00
12	A-6.1	E0403208	M S BOLT WITH NUT	Kilogram	432	432	0.01	4.32
13	A-6.1	M0404211	33 KV STRAIN (T&C TYPE) HARDWARE FITTINGS	Number	144	144	271.00	39024.00
14	A-6.1	E0404211	33 KV STRAIN (T&C TYPE) HARDWARE FITTINGS	Number	144	144	0.01	1.44
15	A-6.1	M0501010	PCC POLE 280 KG 9.1 MTRS -30FT- LONG	Number	48	48	3597.00	172656.00
16	A-6.1	E0501010	PCC POLE 280 KG 9.1 MTRS -30FT- LONG	Number	48	48	3064.00	147072.00
17	A-6.1	M0502023	Back Clamp for 280 Kg PCC Pole MS Flat 50x8 mm	Number	96	96	175.00	16800.00
18	A-6.1	E0502023	Back Clamp for 280 Kg PCC Pole MS Flat 50x8 mm	Number	96	96	0.01	0.96
19	A-6.1	M0502105	DC.CROSS ARMS 5" (1.5 METER) CENTRE TO CENTRE 100X50X6MM CHANNEL for jumper support for 33 kv & 11 kv structure side	Number	24	24	5337.00	128088.00
20	A-6.1	E0502105	DC.CROSS ARMS 5" (1.5 METER) CENTRE TO CENTRE 100X50X6MM CHANNEL	Number	24	24	954.00	22896.00
21	A-6.1	M0502222	MS STRAIN PLATE 65X8 MM, 250 MM LONG	Number	144	144	53.00	7632.00
22	A-6.1	E0502222	MS STRAIN PLATE 65X8 MM, 250 MM LONG	Number	144	144	0.01	1.44
23	A-6.1	M0502231	STAY SET WITHOUT STAY WIRE 20 MM. (PAINTED)	Number	144	144	1093.00	157392.00



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S. No.	SOR No.	Item Code	Item Description	UOM	Quantit y(SOR)	Quantit y	Rate	Amount
24	A-6.1	E0502231	STAY SET WITHOUT STAY WIRE 20 MM. (PAINTED)	Number	144	144	677.00	97488.00
25	A-6.1	M0502260	Clamp suitable for 280Kg 9.1mtr long	Number	192	192	278.00	53376.00
26	A-6.1	E0502260	SUPPLY OF Clamp suitable for 280Kg 9.1mtr long	Number	192	192	1.00	192.00
27	A-6.1	M0502398	Bracing/Support angle of 65x65x6 mm for 5 feet (1.5 mtr) centre DP	Number	24	24	4237.00	101688.00
28	A-6.1	E0502398	Errection Horizontal and cross bracing 5' centre	Number	24	24	353.00	8472.00
29	A-6.1	M0502430	DANGER BOARD ENAMELED 33 KV	Number	24	24	69.00	1656.00
30	A-6.1	E0502430	DANGER BOARD ENAMELED 33 KV	Number	24	24	29.00	696.00
31	A-6.1	M0601036	Stay insulator	Number	144	144	16.00	2304.00
32	A-6.1	E0601036	SUPPLY OF STAY INSULATOR 90X65MM	Number	144	144	0.01	1.44
33	A-6.1	M0602001	33 KV,10 KN PIN COMPOSITE POLYMER INSULATOR	Number	48	48	423.00	20304.00
34	A-6.1	E0602001	33 KV,10 KN PIN COMPOSITE POLYMER INSULATOR	Number	48	48	47.00	2256.00
35	A-6.1	M0602005	33 KV , 45 KN 16mm FRP with 25mm per KV Creepage DISC POLYMER LONG ROD TYPE T&C INSULATOR (FOR 11KV SIDE)	Number	144	144	193.00	27792.00
36	A-6.1	E0602005	33 KV , 45 KN 16mm FRP with 25mm per KV Creepage DISC POLYMER LONG ROD TYPE T&C INSULATOR (FOR 11KV SIDE)	Number	144	144	153.00	22032.00
37	A-6.1	M0702056	Stone Block/Pre cast block for base pedding 450x450x75mm	Number	48	48	281.00	13488.00
38	A-6.1	E0702056	Stone Block/Pre cast block for base pedding 450x450x75mm	Number	48	48	0.01	0.48
39	A-6.1	M1214001	Red oxide paint	Litre	12	12	94.00	1128.00
40	A-6.1	E1214001	Red oxide paint	Litre	12	12	270.00	3240.00
41	A-6.1	M1214002	Aluminium paint	Litre	12	12	198.00	2376.00
42	A-6.1	E1214002	Aluminium paint	Litre	12	12	192.00	2304.00
							Total Rs.	1530854.16


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CIN: U40109NP2002SGC015121

Task Number: 1

Task Name: 33 KV Line

S. No.	SOR No.	Item Code	Item Description	UOM	Quantit y(SOR)	Quantit y	Rate	Amount
1	A-1.1	M0001001	Back Filling of Poles with Boulders	Number	200.2	173	171.00	29583.00
2	A-1.1	E0001001	Back Filling of Poles with Boulders	Number	200.2	173	0.01	1.73
3		M0001037	Concreting of for poles @ 0.3 cmt. for pole (Including muffling)	Cubic Metre	12.87	29.52	4729.00	139600.08
4	A-1.1	M0001037	Concreting of for poles @ 0.3 cmt. for pole (Including muffling)	Cubic Metre	12.87	12.87	4729.00	60862.23
5		E0001037	For Concreting (1:3:6) 0.36 H-Beam -7/9m & RSJ 9.3 m,PCC PoleDP/TP/4P of 140 kg,8m 200Kg,9m 280Kg 0.9m,0.56 for 11m,0.60 for 13m,0.67for 15m Per Pole include muff wid Pit digging 0.3per stay(20/25)etc	Cubic Metre	12.87	29.52	630.00	18597.60
6		E0001037	For Concreting (1:3:6) 0.36 H-Beam -7/9m & RSJ 9.3 m,PCC PoleDP/TP/4P of 140 kg,8m 200Kg,9m 280Kg 0.9m,0.56 for 11m,0.60 for 13m,0.67for 15m Per Pole include muff wid Pit digging 0.3per stay(20/25)etc	Cubic Metre	12.87	29.52	630.00	18597.60
7	A-1.1	E0001037	For Concreting (1:3:6) 0.36 H-Beam -7/9m & RSJ 9.3 m,PCC PoleDP/TP/4P of 140 kg,8m 200Kg,9m 280Kg 0.9m,0.56 for 11m,0.60 for 13m,0.67for 15m Per Pole include muff wid Pit digging 0.3per stay(20/25)etc	Cubic Metre	12.87	12.87	630.00	8108.10
8	A-1.1	M0401011	AAAC Dog conductor 0.10 sq. inch (100 sq.mm, Al.Eq.)	Metre	0	42900	71.56	3089752.40
9	A-1.1	E0401011	AAAC Dog conductor 0.10 sq. inch (100 sq.mm, Al.Eq.)	Metre	0	42900	12.00	514800.00
10	A-1.1	M0403014	Stay wire 7/4.0 mm. (8.5kg. Stay wire per stay set)	Kilogram	321.75	321.75	82.00	26383.50
11	A-1.1	E0403014	Stay wire 7/4mm. kg per stay for H-Beam / PCC Pole 280 Kg, 9 m @ 7.5, 11 m @ 8.50, 13 m @ 10, 15 m @ 12	Kilogram	321.75	321.75	0.01	3.22
12	A-1.1	M0403016	Anti climbing Device (Barbed Wire) GS 2.24 mm Dia (14 SWG)	Number	200.2	173	306.00	52938.00
13	A-1.1	E0403016	Anti climbing Device (Barbed Wire) GS 2.24 mm Dia (14 SWG)	Number	200.2	173	40.00	6920.00
14	A-1.1	M0403096	Earthing Coil (coil of 115 turns of 50 mm.dia. and 2.5 Mtrs. lead of 4.0 mm. G.I wire)	Number	200.2	173	116.00	20068.00
15	A-1.1	E0403096	EARTHING COIL OF 115 TURNS OF 50 MM DIA AND 2.5 MTR LEAD OF 4.0 MM G.I WIRE	Number	200.2	173	0.01	1.73
16	A-1.1	M0403208	M.S.Nuts and Bolts	Kilogram	600.6	600.6	82.00	49249.20
17	A-1.1	E0403208	M S BOLT WITH NUT	Kilogram	600.6	600.6	0.01	6.01



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S. No.	SOR No.	Item Code	Item Description	UOM	Quantity (SOR)	Quantity	Rate	Amount
18	A-1.1	M0404231	JOINTING SLEEVES (ALUMINIUM) FOR DOG CONDUCTOR	Number	85.8	85	186.00	15610.00
19	A-1.1	E0404231	JOINTING SLEEVES (ALUMINIUM) FOR DOG CONDUCTOR	Number	85.8	85	261.00	22185.00
20	A-1.1	M0404370	Binding wire and tape	Kilogram	57.2	57.2	332.00	18990.40
21	A-1.1	E0404370	ALUMINIUM BINDING WIRE AND TAPE	Kilogram	57.2	57.2	0.01	0.57
22	A-1.1	M0501010	PCC POLE 280 KG 9.1 MTRS -30FT- LONG	Number	200.2	173	3597.00	622281.00
23	A-1.1	E0501010	PCC POLE 280 KG 9.1 MTRS -30FT- LONG	Number	200.2	173	3064.00	530072.00
24		M0501066	H-Beams 152 X 152 mm., 37.1 Kg./Mtr.-13 mtr. Long = 482.3 kg	Number	0	82	33110.00	2715020.00
25		E0501066	H-Beams 152 X 152 mm., 37.1 Kg./Mtr.-13 mtr. Long = 482.3 kg	Number	0	82	2768.00	226976.00
26	A-1.1	M0502001	33 KV 'V' cross-arms 75x75x6 mm MS Angle -each weight 24.60 Kg	Number	200.2	235	2249.00	528515.00
27	A-1.1	E0502001	Errrection of 33 KV 'V' CROSS ARM 1.5 MTR (5FT)- CENTRE MADE FROM 75X75X6MM ANGLE	Number	200.2	235	225.00	52875.00
28	A-1.1	M0502023	Back Clamp for 280 Kg PCC Pole MS Flat 50x8 mm	Number	400.4	400	175.00	70000.00
29	A-1.1	E0502023	Back Clamp for 280 Kg PCC Pole MS Flat 50x8 mm	Number	400.4	400	0.01	4.00
30	A-1.1	M0502055	33 KV TOP CLAMPS ANGLE TYPE	Number	200.2	235	327.00	76845.00
31	A-1.1	E0502055	33 KV TOP CLAMPS ANGLE TYPE	Number	200.2	235	70.00	16450.00
32	A-1.1	M0502231	STAY SET WITHOUT STAY WIRE 20 MM. (PAINTED)	Number	42.9	42	1093.00	45906.00
33	A-1.1	E0502231	STAY SET WITHOUT STAY WIRE 20 MM. (PAINTED)	Number	42.9	42	677.00	28434.00
34	A-1.1	M0502260	Clamp suitable for 280Kg 9.1mtr long	Number	42.9	42	278.00	11676.00
35	A-1.1	E0502260	SUPPLY OF Clamp suitable for 280Kg 9.1mtr long	Number	42.9	42	1.00	42.00
36	A-1.1	M0502430	DANGER BOARD ENAMELED 33 KV	Number	200.2	235	69.00	16215.00
37	A-1.1	E0502430	DANGER BOARD ENAMELED 33 KV	Number	200.2	235	29.00	6815.00
38	A-1.1	M0601036	Stay insulator	Number	42.9	42	16.00	672.00



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CIN:- U40109MP2002SGC015121

S. No.	SOR No.	Item Code	Item Description	UOM	Quantity (SOR)	Quantity	Rate	Amount
39	A-1.1	E0601036	SUPPLY OF STAY INSULATOR 90X65MM	Number	42.9	42	0.01	0.42
40	A-1.1	M0602001	33 KV, 10 KN PIN COMPOSITE POLYMER INSULATOR	Number	600.6	600	423.00	253800.00
41	A-1.1	E0602001	33 KV, 10 KN PIN COMPOSITE POLYMER INSULATOR	Number	600.6	600	47.00	28200.00
42	A-1.1	M0702056	Stone Block/Pre cast block for base pedding 450x450x75mm	Number	200.2	173	281.00	48613.00
43	A-1.1	E0702056	Stone Block/Pre cast block for base pedding 450x450x75mm	Number	200.2	173	0.01	1.73
44	A-1.1	M1214001	Red oxide paint	Litre	14.3	14.3	94.00	1344.20
45	A-1.1	E1214001	Red oxide paint	Litre	14.3	14.3	270.00	3861.00
46	A-1.1	M1214002	Aluminium paint	Litre	14.3	14.3	198.00	2831.40
47	A-1.1	E1214002	Aluminium paint	Litre	14.3	14.3	192.00	2745.60
							Total Rs.	9362653.72

Task Number: 2

Task Name: 3 POLE TP STRUCTURE

S. No.	SOR No.	Item Code	Item Description	UOM	Quantity (SOR)	Quantity	Rate	Amount
1	A-7.1	M0001001	Back Filling of Poles with Boulders	Number	12	12	171.00	2052.00
2	A-7.1	E0001001	Back Filling of Poles with Boulders	Number	12	12	0.01	0.12
3	A-7.1	M0403014	Stay wire 7/4.0 mm., (8.5kg. Stay wire per stay set)	Kilogram	180	132	82.00	10824.00
4	A-7.1	E0403014	Stay wire 7/4mm. kg per stay for H-Beam / PCC Pole 280 Kg, 9 m @ 7.5, 11 m @ 8.50, 13 m @ 10, 15 m @ 12	Kilogram	180	132	0.01	1.32
5	A-7.1	M0403016	Anti climbing Device (Barbed Wire) GS 2.24 mm Dia (14 SWG)	Number	12	12	306.00	3672.00
6	A-7.1	E0403016	Anti climbing Device (Barbed Wire) GS 2.24 mm Dia (14 SWG)	Number	12	12	40.00	480.00
7	A-7.1	M0403096	Earthing Coil (coil of 115 turns of 50 mm.dia. and 2.5 Mtrs. lead of 4.0 mm. G.I wire)	Number	12	12	116.00	1392.00
8	A-7.1	E0403096	EARTHING COIL OF 115 TURNS OF 50 MM.DIA AND 2.5 MTR LEAD OF 4.0 MM G.I WIRE	Number	12	12	0.01	0.12


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S. No.	SOR No.	Item Code	Item Description	UOM	Quantit y(SOR)	Quantit y	Rate	Amount
9	A-7.1	M0403208	M.S.Nuts and Bolts	Kilogram	108	108	82.00	8856.00
10	A-7.1	E0403208	M S BOLT WITH NUT	Kilogram	108	108	0.01	1.08
11	A-7.1	M0404211	33 KV STRAIN (T&C TYPE) HARDWARE FITTINGS	Number	24	24	271.00	6504.00
12	A-7.1	E0404211	33 KV STRAIN (T&C TYPE) HARDWARE FITTINGS	Number	24	24	0.01	0.24
13	A-7.1	M0501010	PCC POLE 280 KG 9.1 MTRS -30FT- LONG	Number	12	12	3597.00	43164.00
14	A-7.1	E0501010	PCC POLE 280 KG 9.1 MTRS -30FT- LONG	Number	12	12	3064.00	36768.00
15	A-7.1	M0502023	Back Clamp for 280 Kg PCC Pole MS Flat 50x8 mm	Number	32	24	175.00	4200.00
16	A-7.1	E0502023	Back Clamp for 280 Kg PCC Pole MS Flat 50x8 mm	Number	32	24	0.01	0.24
17	A-7.1	M0502105	DC.CROSS ARMS 5' (1.5 METER) CENTRE TO CENTRE 100X50X6MM CHANNEL for jumper support for 33 kv & 11 kv structure side	Number	8	8	5337.00	42696.00
18	A-7.1	E0502105	DC.CROSS ARMS 5' (1.5 METER) CENTRE TO CENTRE 100X50X6MM CHANNEL	Number	8	8	954.00	7632.00
19	A-7.1	M0502222	MS STRAIN PLATE 65X8 MM, 250 MM LONG	Number	48	48	53.00	2544.00
20	A-7.1	E0502222	MS STRAIN PLATE 65X8 MM, 250 MM LONG	Number	48	48	0.01	0.48
21	A-7.1	M0502231	STAY SET WITHOUT STAY WIRE 20 MM. (PAINTED)	Number	24	16	1093.00	17488.00
22	A-7.1	E0502231	STAY SET WITHOUT STAY WIRE 20 MM. (PAINTED)	Number	24	16	677.00	10832.00
23	A-7.1	M0502260	Clamp suitable for 280Kg 9.1mtr long	Number	60	48	278.00	13344.00
24	A-7.1	E0502260	SUPPLY OF Clamp suitable for 280Kg 9.1mtr long	Number	60	48	1.00	48.00
25	A-7.1	M0502430	DANGER BOARD ENAMELED 33 KV	Number	4	12	69.00	828.00
26	A-7.1	E0502430	DANGER BOARD ENAMELED 33 KV	Number	4	12	29.00	348.00
27	A-7.1	M0602001	33 KV,10 KN PIN COMPOSITE POLYMER INSULATOR	Number	24	24	423.00	10152.00
28	A-7.1	E0602001	33 KV,10 KN PIN COMPOSITE POLYMER INSULATOR	Number	24	24	47.00	1128.00



