

Government of India

Ministry of Road Transport & Highways

Regional Office, Vijayawada

Door No.41-29-45A, 3rd & 4th floors, MORTH/NHAI Buildings, Ranigarithota,
Near Kanakadurga Varadhi, Krishnalanka, Vijayawada-520013. Tele: 0866-2571985

Dated: 28.02.2022

Invitation of Public Comments

Sub: Proposal for Permission for laying Optical Fibre cable (OFC) along & across the road NH-167BG by M/s Telesonic Networks Limited from km 36+400 to km 68+600 (LHS) of Seetharamapuram – Kavali section and across the NH-167BG road at km Km 36.700 and 68.700; for a total length of 32.20 kms in Nellore District in the State of Andhra Pradesh – reg.

Please find enclosed herewith the proposal in accordance with Ministry's latest guidelines dated 22.11.2016 forwarded by Chief Engineer(R&B), NH & CRF, AP vide letter dated 20.01.2022 for laying Optical Fibre cable (OFC) along the NH-167BG road by the open trench method by M/s Telesonic Networks Limited from km km 36+400 to km 68+600 (LHS) Seetharamapuram – Kavali section and road crossings the NH-167BG road by the Horizontal Directional Drilling (HDD) method at km 36.700 and 68.700; for a total length of 32.200 kms in Nellore District in the State of Andhra Pradesh.

2. As per the guidelines, issued by the Ministry vide Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.16, the proposal for Highway crossing permission along & across National Highways 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 mentioned proposal is invited on the address mentioned below:

The Regional Officer,
Ministry of Road Transport and Highways,
Door No.41-29-45A, 3rd & 4th floors, MORTH/NHAI Buildings,
Ranigarithota, Near Kanakadurga Varadhi,
Krishnalanka, Vijayawada - 520013
Email id: romorthvijayawada@gmail.com.

Encl: As above

Yours Faithfully,


28.02.2022

(Ashutosh Gaur)

Executive Engineer,

For Regional Officer, MoRTH, Vijayawada

Copy to:

- 1) The Senior Technical Director, NIC for uploading on the Ministry's website.
- 2) The Chief Engineer(R&B), NH & CRF, AP.
- 3) M/s Telesonic Networks Limited, 1-8-437, 438, 364 & 445, Splendid towers, Opp. Begumpet police station, Hyderabad – 500016, Telangana.

GOVERNMENT OF ANDHRA PRADESH
ROADS & BUILDINGS DEPARTMENT



From
Sri.V.Ramachandra M-Tech
Chief Engineer (R&B)
National Highways & CRF
Room No.410
State HoD Offices Building,
MG Road, VIJAYAWADA -
520010.

To
Regional Office,
Ministry of Road Transport & Highways,
Door No.41-29-45A, 3rd & 4th Floors,
MoRTH/NHA Building, Ranigarithota,
Near Kanakadurga Varadhi, Krishna Lanka,
VIJAYAWADA - 520 013, Andhra Pradesh.
Ph No.0866-2571985

Lr. No.1/ OFC/ CE(NH) (NH)/DCE(NH) /EE(NH&CRF)/DEE5/AEE2/2020-21

20/01/2022

- **Sub:** (R&B)NH Circle, Vijayawada- Road Cutting permission -Road Cutting permission - Permission to laying optical Fiber Cable (OFC) along NH 167BG of section Seetharamapuram -kavali Road along Km 0.000 to 68.000 (LHS) and across the road at Km 2.400, Km 36.700, & 68.700 and total length of 68.600 Km In Nellore District of Andhra Pradesh under the jurisdiction of (R&B), NH Division. Vijayawada - - Permission for laying OFC Cable requested -Reg

Ref: SE/NH/Vijayawada Letter No: Road Cutting /Permisson/OFC/NH 167BG//AEE1/2021 dt 22-12-2021

The SE(R&B), NH, Vijayawada in the reference 1st cited has submitted the proposal of laying under ground optical Fiber Cable (OFC) along section of Seetharamapuram -kavali of NH 167BG from Km 0.000 to 68.000 and across the road at Km 2.400, Km 36.700, & 68.700 and total length of 68.600 Km by M/s Airtel Telesonic , Hyderabad as per Ministry's policy guidelines dt.22.11.2016 with the following details/particulars are here with submitted for according approval.

- i. Copy of Registration Certificate for Infrastructure Provider Category-1 (IP-1) in favour of M/s Airtel teleSonic Network

Limited given by Ministry of Communication & IT, New Delhi

- ii. Original copy of Necessary **Undertakings** as per the Ministry's Ir No. RW/NH-33044/29/S&R® dated 22.11.2016 is enclosed.
- iii. Certificate to the extent that the proposal is meeting all the requirements as per the Ministry guidelines communicated vide Ir No. RW/NH-33044/29/S&R(R) dated 22.11.2016 is enclosed by EE/NH Division, Vijayawada
- iv. Inspection report from EE/NH/Vijayawada is enclosed with the proposal.
- v. The proposal for permission of laying of utility services shall include original copy of licence deed signed by two witnesses and strictly (word to word) as per Ministry Guidelines issued vide circular number:RW/NH-330044/29/2015/S&R® dt 22-11-2016 is enclosed .
- vi. The supporting documents for assessing rates of land for calculation of License fees for the proposal is countersigned by EE/NH/Vijayawada
- vii. Estimate for License fee as per Ministry's Ir No. RW/NH-33044/29/S&R® dated 22.11.2016 amounting to **Rs.79, 477/-** which is in order
- viii. Estimate for the amount payable towards performance security by the applicant before signing of the agreement with the Authority for an amount of Rs. 68,69,700 /- which is in order.
- ix. Copy of Power of Attorney (POA) given by the Company Secretary of Airtel Telesonic , Net work Limited, in the name of Sri Gunasekar manager , of Airtel Telesonic , Net work Limited, for signing the documents/proposals for laying of OFC is enclosed.
- x. Filled -in Check-list for getting approval for laying of OFC on NH land as per Ministry's Ir No. RW/NH-33044/29/S&R® dated 22.11.2016
- xi. The ofc proposed to be laid and maintained a minimum distance of 12 m (The ROW is 12.5 m from center line from each side)
- xii. The Applicant has submitted the Registration certificate
- xiii. The Applicant has undertaken prior permission from forest department in forest stretches.
- xiv. The SE/NH/VJA has reported the OFC will be laid along the road by Open trench Method i.e. 0/0 to 68.600 and at crossings, it will be laid by HDD Method i.e. Km 2.400, Km 36.700, & 68.700

- xv. The Seetarampuram to Duttaluru (Km 0/0 to 36/870 of NH 167BG) for which DPR is in progress and form Duttaluru to Kavali (Km 36.870 to 104.0000 , Tender under evaluation.

The applicant has undertaken that they will relocate service

road/approach road utilities at their cost not withstanding the permission granted within such time as will be stipulated by MoRTH for future six laning or any other development

Hence, the above proposal is forwarded for according approval for laying OFC cables as per the conditions laid down in Ministry's guide lines dt:22.11.2016.

Encl: Book let-1 No

Yours sincerely

Ramachandra V
Chief Engineer (R&B)
NH&CRF, A.P., Vijayawada

Copy to the Superintending Engineer N.H.circle, Vijayawada

Copy to the Executive Engineer, N.H.Division, Vijayawada

Signature Not Verified

Digitally signed by
RAMACHANDRA V
Date: 2022.01.20 16:11:47 IST



INSPECTION REPORT

Permission for laying of Optic Fibre Cable (OFC) along NH-167BG Seetharamapuram- Kavali road from Km.0.000 to 68.600 (LHS) and across the road at Km.2.400, Km.36.700 & Km.68.600 (LHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh by M/s Telesonic Networks Ltd, Hyderabad -016.

We have inspected the site on 05/11/2017 with reference to the proposal submitted by M/s Telesonic Networks Ltd, Hyderabad -016 and the following points were observed and mentioned below.

- 1) The total Length of OFC proposed to be laid is 68.69 kms (Inclusive of three road crossing at Km 2.4000, Km.36.700 and Km.68.600) from km 0/000 to 68.600 of NH 167BG. M/s Telesonic Networks Ltd, Hyderabad representatives informed that the laying of OFC cable would be strictly as per the strip plans submitted by them.
- 2) M/s Telesonic Networks Ltd representatives informed that trenching and laying of HDPE duct carrying the OFC will be taken up, for this an open trench of 0.45m top width and 0.3m bottom width with a depth of 1.65m will be dug along the proposed route as shown in the strip plan.
- 3) The OFC is proposed to be laid and maintained a minimum distance of 12.0m from the centerline.
- 4) The details of existing OFCs in the stretch are enclosed
- 5) For Major bridges and village limits the OFC cable is proposed to lay by DWC with PCC/Clamping and HDD Methodology and as per the instructions of NH officials .

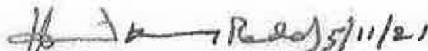
J 05/11/21
Asst. Executive Engineer (R&B)
N.H. Section: Chirala.


P 05/11/21
Dy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE


20/12/21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

CERTIFICATE

Certified that the proposal for obtaining access permission for the permission to lay optic fiber cable OFC along NH -167BG of section Seetharamapuram -Kavali Road from Km 0.000 to Km .68.600(LHS) and across the road at Km .2.400 Km 36.700 & Km.68.600 for the total Length of 68690 meters in the state of Andhra Pradesh is complying all the conditions and specifications stipulated vide MoRT&H circular No.RW/3044/29/S&R dated 22.11.2016.


Dy. Executive Engineer(R&B)
NH Sub-Division, Ongole


Executive Engineer(R&B)
NH Division Vijayawada


Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

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Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO.

| Sl. No. | Item | Information/ Status | Remarks |
|---------|---|---|---------|
| 1 | General Information | | |
| 1.1 | Name and Address of the Applicant/Agency | Telesonic Networks Limited, 1-8-437, 438, 364 & 445, Splendid Towers, Opp. Begumpet Police Station, Hyderabad-500016. | |
| 1.2 | National Highway Number | NH-167BG | |
| 1.3 | State | Andhra Pradesh | |
| 1.4 | Location | Between Seetharamapuram to Kaligiri | |
| 1.5 | (Chainage in km.) | From Km 0.000 to 68.600 (LHS) and Road crossing Km.2.400, 36.700 and Km.68.600 (LHS-RHS) | |
| 1.6 | Length In Meters | 68640 Meters | |
| 1.7 | Width of available ROW | | |
| | (a) Left side from center line towards increasing chainage/ km direction | Min: 12.5 mtrs Max: 20.00 mtrs | |
| | (b) Right side from center line towards increasing chainage/ km direction | | |
| 1.8 | Proposal to lay the utility | | |
| | (a) Left side from center line towards increasing chainage/km directions | Yes | |
| | (b) Right side from center line towards increasing /km direction | NA | |
| 1.9 | Proposal to acquire land | | |
| | a) left side from center line | NA | |
| | b) right side from center line | NA | |
| 1.10 | Whether proposal is in the same side where land is not to be acquired | Yes | |
| | If not then where to lay the cable | | |
| 1.11 | Details of already laid services, if any, along the proposed route | NA | |
| 1.12 | Number of existing lanes (2/4/6/8 lanes) | Single/Two lane | |
| 1.13 | Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes) | NA | |
| 1.14 | Service road existing or not | NA | |
| | If yes then which side | | |
| | (a) Left side from center line | NA | |
| | (b) Right side from center line | NA | |

05/11/21
Asst. Executive Engineer (R&B)
N.H. Section; Chirala.

05/11/21
Dy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE.



22/11/21
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA.

22/11/21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

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| | main carriageway | | |
| 1.17 | Whether carrying of sewage/OFC has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same. | No, Utility (OFC) not proposed on Bridges. | |
| 1.18 | Whether carrying of sewage/OFC has been proposed on the parapet/any part of the Bridges. If yes, then mention the methodology proposed for the same. | No, Utility (OFC) not proposed on the parapet/any part of the Bridges. | |
| 1.19 | If Crossing of the Road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owning the line | Yes | |
| | a) Whether the existing drainage structures are allowed to carry the OFC | No | |
| | b) Is it on a line normal to NH | No | |
| | c) What is the distance of crossing the utility OFC from the existing structures? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. | Not Applicable | |
| | 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 concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casing. | Not Applicable | |
| | e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path | Not Applicable | |
| | f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in the fills. | Not Applicable | |
| | g) The top of the casing/conduit pipe should be at least 1.5 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details | Applicable | |
| | h) Mention the methodology proposed for crossing of road for the proposed sewage/OFC. Crossing shall be by boring method (HDD) (Trenchless Technology), specially where the existing road pavement is of cement concrete or dense bituminous concrete type | HDD Method across the cross roads and open trench method along the road. | |
| | i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a water way along it | Not Applicable | |

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| | proposal | Enclosed | |
| 2.1 | Cross section showing the size of trench for open trenching method | Enclosed | |
| | Is it normal size of 1.5m deep x 0.3 m wide | Yes | |
| | i) should not be greater than 60 cms wider than the outer diameter of the pipe | Yes | |
| | ii) located as close to the extreme edge of the Right of Way as possible but not less than 15m from the center line of the nearest carriageway | Drawing Enclosed | |
| | 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 | Not Applicable | |
| | iv) These should be so laid that their top is at least 0.6m below the ground level so as not to obstruct drainage of the road land | Yes | |
| 2.2 | Cross section showing the size of pit and location of cable for HDD method | HDD Cross section enclosed | |
| 2.3 | Strip plan / Route Plan showing utility/OFC chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc. | Strip plan showing all the details is enclosed | |
| 2.4 | Methodology for laying of the OFC | Enclosed | |
| 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, what is the methodology of refilling the trench | Yes, Methodology of OFC laying attached. | |
| | a) The trench width should be at least 30 cms, but not more than 60 cms. wider than the outer diameter of the pipe | Open Trench cross section enclosed | |
| | b) For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material. | Yes | |
| | c) The backfill shall be completed in two stages- i) side fill to the level of the top of the pipe and ii) overfill to the bottom of the road crust | Yes | |
| | d) The side fill shall consist of granular material laid in 15 cms. Layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted | Yes | |
| | e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be | Yes | |

Asst. Executive Engineer (R&B)
N.H. Section; Chirala.

Asst. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE

EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

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| | taken to avoid the formation of a dip at the trench. | | |
| | f) The excavation shall be protected by flagman, Signs and barricades and red lights during night hours. | Yes | |
| | g) If required a diversion shall be constructed at the expense of agency owning the utility line. | Not applicable | |
| 2.4.2 | Horizontal Directional Drilling (HDD) Method | Details provided in Methodology of Laying. | |
| 2.4.3 | Methodology for laying of the OFC through CD works and method of laying In cases where the carrying of OFC on the bridge becomes inescapable | Yes, Methodology of OFC laying attached. | |
| 3 | Draft License Agreement signed by two witnesses | Enclosed | |
| 3.1 | The License fee estimate as per Ministry's guidelines Issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 | Enclosed | |
| 4 | Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 is obtained | Yes, Enclosed | |
| 4.1 | Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines | Confirmation of BG shall be obtained after BG submission by M/s Telesonic Networks Ltd | |
| 5 | Affidavit/Undertaking from the Applicant for following is to be furnished | | |
| 5.1 | Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency | Yes, Enclosed | |
| 5.2 | Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI | Yes, Enclosed | |
| 5.3 | Undertaking for confirming all standard conditions of Ministry/NHAI's guidelines | Yes, Enclosed | |
| 5.4 | Undertaking for Indemnity against all damages and claims | Yes Enclosed | |
| 5.5 | Undertaking for management of traffic movement during laying of utility line without hampering the traffic | Yes Enclosed | |
| 5.6 | Undertaking that if any claim is raised by the Concessionaire/contractor then the same has to be paid by the applicant | Yes Enclosed | |
| 5.7 | Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the utility located in the National Highway Right of Ways. | Yes Enclosed | |
| 5.8 | Undertaking that expenditure If any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line. | Yes Enclosed | |
| 5.9 | Undertaking that text of the License deed per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 | Yes Enclosed | |
| 5.10 | Undertaking that the applicant has obtained | Yes Enclosed | |

Asst. Executive Engineer (R&B)
N.H. Section; Chirala.

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.
Dy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE

EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

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| | various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, state/central pollution control board and any other statutory clearances as applicable, before applying to Highway Administration. | Not Applicable as the Utility line proposed is OFC. | |
| 5.11 | If the MoRTH/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 MoRTH/NHAI at the cost of the Agency owning 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 OFC will not have any deleterious effects on any of the bridge components and roadway safety for traffic | Enclosed | |
| | ii) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development. | Enclosed | |
| 6 | Who will sign the agreement on behalf of OFC line agency? Power of attorney to sign the Agreement is available or not | Manager, Telesonic Networks Ltd., Copy of Power of Attorney enclosed. | |
| 7 | The Project Director shall submit the following Certificates | | |
| 7.1 | Certificate that the proposal is confirming to all standard conditions issued vide MoRTH circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 | Enclosed | |
| 7.2 | Certificate from the PD in the following format i) "it is certified that any other location of the OFC would be extremely difficult and unreasonably costly and the installation of OFC within RoW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriage way, easing of curve etc." ii) for 6-laning | Enclosed | |


22-12-24

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

20/11/24
Asst. Executive Engineer (R&B)
N.H. Section, Chirala.

20/11/24
Dy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE.

27/11/24
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA.

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| | <p>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".</p> <p>b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning"</p> | Enclosed | |
| | | Enclosed | |
| 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 lay OFC duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of ----- on EPC basis and therefore the licensee shall honor same. | Yes | |
| 9 | Who will supervise the work of laying of Utility Pipe line | | |
| | a) On behalf of the applicant | Area Manager, Telesonic Networks Limited, Kadapa | |
| | b) On behalf of MoRTH/NHAI | Executive Engineer (R&B), NH Division, Vijayawada | |
| 10 | 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. | | |
| | c) On behalf of the applicant | Area Manager, Telesonic Networks Limited, Kadapa | |
| | d) On behalf of MoRTH/NHAI | Executive Engineer (R&B), NH Division, Vijayawada | |
| 11 | Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire? | Telesonic Networks Limited | |
| 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 cable line then Photocopy of register of records of permissions accorded (as maintained by PD) to be enclosed. | NA | |

Shri. L Gunashekar
Sr. Manager - Network

Name, Designation and Signature of the
Authorized representative of applicant

Asst. Executive Engineer (R&B)
N.H. Section, Chitrala.

Name Designation and signature of
concerned field authority of NHAI/PWD/BRO

Oy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA.

SPECIAL ANNEXURE FORM TO ACCOMPANY PROPOSALS SUCH AS LAYING OF QUALITY SERVICES LIKE PIPELINE, UNDERGROUND TELEPHONE CABLES ALONG AND ACROSS NATIONAL HIGHWAYS

1. Whether the utility line is close to the extreme edge of the Right of Way as possible.
If not the detailed reasons for exception. : YES
2. Whether utility line is 10m away from C/L of the nearest : YES
3. Does the proposal cover the area where the road formation is in double cutting : NO
4. Does the proposal run over existing culverts and bridges at any place,
if yes give reasons why it can't : NO
5. Will this proposal interfere with the maintenance of NH at any time by the execution if permitted : NO
6. Whether the C/S of Utility line as it runs along NH is given in the drawing,
 - a) Whether the top of the pipeline at least 0.6m below the ground level : YES
 - b) Will it obstruct the draining of the road land : NO
7. Is this proposal to lay electric cable carrying HT line : NO
 - a) If so, the necessary certificate by the proposal that will not have any deleterious effect
on any of the bridge components roadway safety for traffic. : NO

LAYING OF UTILITY ACROSS NH:

1. Drawing at which it crosses the NH and method of crossing : YES, HDD
(Km 2.400, Km 36.700 & Km 68.600)
2. Piping of casing (conduit) pipe : PLB
3. Does the proposal cross the NH on a line normal to it if not, reasons therefore and
why can't be taken normal to road : NO
4. Is the proposal for irrigation purpose, if so the concurrence of the revenue dept.
has been enclosed : NO
5. Whether there is any structure existing within 15m from the crossing,
if so the details of PH structure : NO
6. The reason why the crossing cannot be shifted to more than 15m for the existing structure : NO

5/11/21
Asst. Executive Engineer (R&B)
N.H. Section; Chirala.

5/11/21
Dy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE

EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA



SPECIFICATION REPORT

Specification report to accompany the estimate towards "License fee" for Laying of O.F.Cable along NH-167BG Seetharamapuram- Kavali from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh by M/s Telesonic Networks Ltd, Hyderabad -16

Estimate Amount: Rs. 79477.00

M/s Telesonic Networks Ltd, Hyderabad -16 vide ref TNL/ROW/P3/2021-22/12 Dt:14.10.21 has requested permission for Laying of O.F.Cable long NH-167BG Seetharamapuram- Kavali from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh for a total length of 68.69 Kms.

As per the Memo No.Permissions/OFC/NH 167BG/A1/2021 Dated : 25.10.2021 of the Executive Engineer R&B, NH Division, Vijayawada, the estimate towards License fee is prepared for laying OFC along NH167BG Seetharamapuram- Kavali from Km.0.000 to 68.600 (LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (Seetharamapuram to Kavali Section)

The rates of land abutting NH obtained from the website of Registration & Stamps department of GoAP is used for calculation of the license fee. The list of Villages falling in the proposed stretch of road, corresponding chainages and breakup of Village wise land rates are as follows:

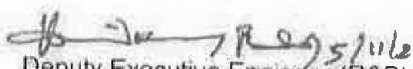
| Sl. No. | Name of the Village | Chainage | | Length | Rate of Land Abutting NH | |
|---------|---------------------|----------|--------|--------|--------------------------|----------|
| | | from | to | | per Acre | per Sq.m |
| 1 | Seetharamapuarum | 0.000 | 1.800 | 1.80 | 2,50,000 | 61.78 |
| 2 | Singareddypalli | 1.800 | 7.800 | 6.00 | 2,10,000 | 51.89 |
| 3 | Basinenipalli | 7.800 | 11.800 | 4.00 | 2,50,000 | 61.78 |
| 4 | Udayagiri | 11.800 | 28.800 | 17.00 | 3,78,000 | 93.41 |
| 5 | Somalaregada | 28.800 | 32.800 | 4.00 | 1,50,000 | 37.07 |
| 6 | Duttalur | 32.800 | 38.400 | 5.60 | 2,50,000 | 61.78 |
| 7 | Brameswaram | 38.400 | 44.000 | 5.60 | 2,00,000 | 49.42 |
| 8 | Nandigunta | 44.000 | 53.300 | 9.30 | 2,20,000 | 54.36 |
| 9 | Vinjamur | 53.300 | 57.600 | 4.30 | 10,50,000 | 259.46 |
| 10 | Veerannakollu | 57.600 | 64.400 | 6.80 | 2,20,000 | 54.36 |
| 11 | Kaligiri | 64.400 | 68.600 | 4.20 | 10,50,000 | 259.46 |

The land rate corresponding to the chainage is used for calculation of License fee.

Outer diameter of the utility line = 0.04m x 2 Nos of ducts =0.08m

Hence the license fee estimate is prepared as per MORTH Circular memo No.RW/NH / 33044/29/2015/S&R (R), dated:22.11.2016.


Asst. Executive Engineer (R&B)
NH Section,Chirala


Deputy Executive Engineer (R&B)
NH Sub Division:Ongole


EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA


Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Name of the work: Towards License fee for Laying of O.F. Cable along NH-167BG Seetharamapuram- Kavali from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh by M/s Telesonic Networks Ltd, Hyderabad 16

Estimate - A

LICENSE FEE CHARGES

| S No | Description | No | Measurements | | | Quantity | Rate | Per | Amount |
|------|---|----|--------------|------|----|----------|----------|-----|-------------|
| | | | L | B | D | Sq.m | per Sq.m | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Name of the work: Towards License fee for Laying of O.F. Cable along NH-167BG from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh by M/s Telesonic Networks Ltd, Hyderabad -16 | | | | | | | | |
| | Km 0.000 to 1.800 | 1 | 1800 | 0.08 | -- | 144.0 | 61.78 | Sqm | 8,895.79 |
| | Km 1.800 to 7.800 | 1 | 6000 | 0.08 | -- | 480.0 | 51.89 | Sqm | 24,908.20 |
| | Km 7.800 to 11.800 | 1 | 4000 | 0.08 | -- | 320.0 | 61.78 | Sqm | 19,768.41 |
| | Km 11.800 to 28.800 | 1 | 17000 | 0.08 | -- | 1360.0 | 93.41 | Sqm | 1,27,031.82 |
| | Km 28.800 to 32.800 | 1 | 4000 | 0.08 | -- | 320.0 | 37.07 | Sqm | 11,861.05 |
| | Km 32.800 to 38.400 | 1 | 5600 | 0.08 | -- | 448.0 | 61.78 | Sqm | 27,675.78 |
| | Km 38.400 to 44.000 | 1 | 5600 | 0.08 | -- | 448.0 | 49.42 | Sqm | 22,140.62 |
| | Km 44.400 to 53.300 | 1 | 9300 | 0.08 | -- | 744.0 | 54.36 | Sqm | 40,446.17 |
| | Km 53.400 to 57.600 | 1 | 4300 | 0.08 | -- | 344.0 | 259.46 | Sqm | 89,254.38 |
| | Km 57.600 to 64.400 | 1 | 6800 | 0.08 | -- | 544.0 | 54.36 | Sqm | 29,573.55 |
| | Km 64.400 to 68.600 | 1 | 4200 | 0.08 | -- | 336.0 | 259.46 | Sqm | 87,178.70 |
| | Crossing at Km 2.400 | 1 | 25 | 0.1 | -- | 2.5 | 61.78 | Sqm | 154.44 |
| | Crossing at Km 36.700 | 1 | 25 | 0.1 | -- | 2.5 | 259.46 | Sqm | 648.65 |
| | Crossing at Km 68.600 | 1 | 40 | 0.1 | -- | 4.0 | 259.46 | Sqm | 1,037.84 |
| | | | | | | | | | 4,81,679.62 |
| | Licene Fee (Rs/Sq.m/Month) = $\frac{481679.6}{10 \times 12} = 4014.00$ | | | | | | | | |
| | License Fee for 5 years = $5 \times 12 \times 4013.997 = 2,40,839.81$ | | | | | | | | |
| | Rounding off | | | | | | | | 0.19 |
| | Total | | | | | | | | 2,40,840.00 |
| | or Public utility 33% of industrial Utilities as per point no.5 of MORTH guide lines vide letter No.RW/NH-33044/29/2015/S&R@ Dated: 22nd Nov, 2016 | | | | | | | | |
| | (Rupees Seventy nine Thousand Four Hundred and Seventy seven only) | | | | | | | | |

490 575.40
4058.00
245288
80,945

80,945

05/11/21
Asst. Executive Engineer (R&B)
NH Section, Ongole

05/11/21
Deputy Executive Engineer (R&B)
NH Sub Division: Ongole

27/11/21
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

22/12/21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

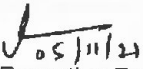
Specification report to accompaying the estimate towards "Performance Guarantee" for Laying of O.F.Cable along NH-167BG Seetharamapuram- Kavali from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh by M/s Telesonic Networks Ltd, Hyderabad -16

Estimate Amount: Rs. 68,69,000


M/s Telesonic Networks Ltd, Hyderabad -16 vide ref TNL/ROW/P3/2021-22/12 Dt:14.10.21 has requested permission for Laying of O.F.Cable long NH-167BG Seetharamapuram- Kavali from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh for a total length of 68.69 Kms


As per the Memo No.Permissions/OFC/NH 167BG/A1/2021 Dated :25.10.2021 of the Executive Engineer R&B, NH Division, Vijayawada, the estimate towards License fee is prepared for laying OFC along NH167BG from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) (Seetharamapuram to Kavali Section)

The etimate is prepared as per MORTH Circular memo No.RW/NH / 33044/ 29/ 2015/ S&R (R), dated:22.11.2016 and the work will be carried out as per MoRTH guidelines..


Asst. Executive Engineer (R&B)
NH Section,Chirala


Deputy Executive Engineer (R&B)
NH Sub Division:Ongole


EXECUTIVE ENGINEER (R&B)
NH DIVISION, VIJAYAWADA


Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Name of the work: Performance Guarantee for Laying of O.F. Cable Laying of O.F. Cable along NH-167BG Seetharamapuram- Kavali from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh by M/s Telesonic Networks Ltd, Hyderabad -16

PERFORMANCE GUARANTEE CHARGES

| Performance Guarantee Charges | | | | | | | | | |
|-------------------------------|--|----|--------------|---|---|----------|--------|-----|-----------|
| S No | Description | No | Measurements | | | Quantity | Rate | Per | Amount |
| | | | L | B | D | Sq.m | per RM | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Towards PERFORMANCE BANK GUARANTEE for Laying of O.F.Cable from along NH-167BG from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 (LHS-RHS) for a total length of 68690 meters in Nellore District of Andhra Pradesh by M/s Telesonic Networks Ltd, Hyderabad -16 | | | | | | | | |
| | Km 0.000 to 68.600 | 1 | 68600 | | | 68600 | | | |
| | | | | | | 68600 | 100 | RM | 6860000 |
| | Road crossing @ Km 2.400 | 1 | 25 | | | 25 | 100 | RM | 2500 |
| | Road crossing @ Km 36.700 | 1 | 25 | | | 25 | 100 | RM | 2500 |
| | Road crossing @ Km 68.600 | 1 | 40 | | | 40 | 100 | RM | 4000 |
| | Performance Guarantee Charges | | | | | = | Rs. | | 68,69,000 |
| | | | | | | | | | |
| | (Rupees Sixty eight Lakhs Sixty Nine Thousand only) | | | | | | | | |

5/11/21
Asst Executive Engineer (R&B)
N.H Section, Chirala

5/11/21
Deputy Executive Engineer (R&B)
N.H Sub Division, Ongole

27/11/21
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

22/12/21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

(Enclosure to Ministry Circular No. RWNH-33044/27/2015-S&R(R) dated 22.11.2016)
 Format for Maintaining Records of Right-of-Way permission granted for laying OFC
 (to be maintained separately for every NH and State)

1 Name of State

: Andhra Pradesh

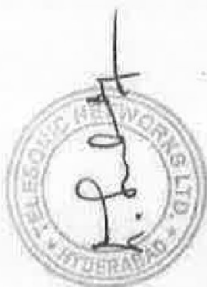
2 Name of Agency

: NH R&B, Vijayawada

3 NH Number

: NH-167BG

| S.No | Location (chainage in Km) | Left or right side of NH (towards increasing chainage/km direction) | Section and reach | Kind of service | Name of license and contact address | Date of signing of agreement | Date of validity of agreement | Date of last inspection of site | Any deviation from MOST standard norms | Remarks |
|------|---------------------------|---|----------------------------|-----------------|---|------------------------------|-------------------------------|---------------------------------|--|---------|
| 1 | Km.0.000 to Km.68.600 | LHS | Seetharamapuram to Kalgiri | Telecom | Telesonic Networks Ltd, 1-8-437,438,364 & 445, Splendid Towers Opp. Begumpet Police Station, Hyderabad-500016 | | | | No | |
| 2 | Km.2.400 | Road Crossing | | | | | | | | |
| 3 | Km.36.700 | Road Crossing | | | | | | | | |
| 4 | Km.68.600 | Road Crossing | | | | | | | | |

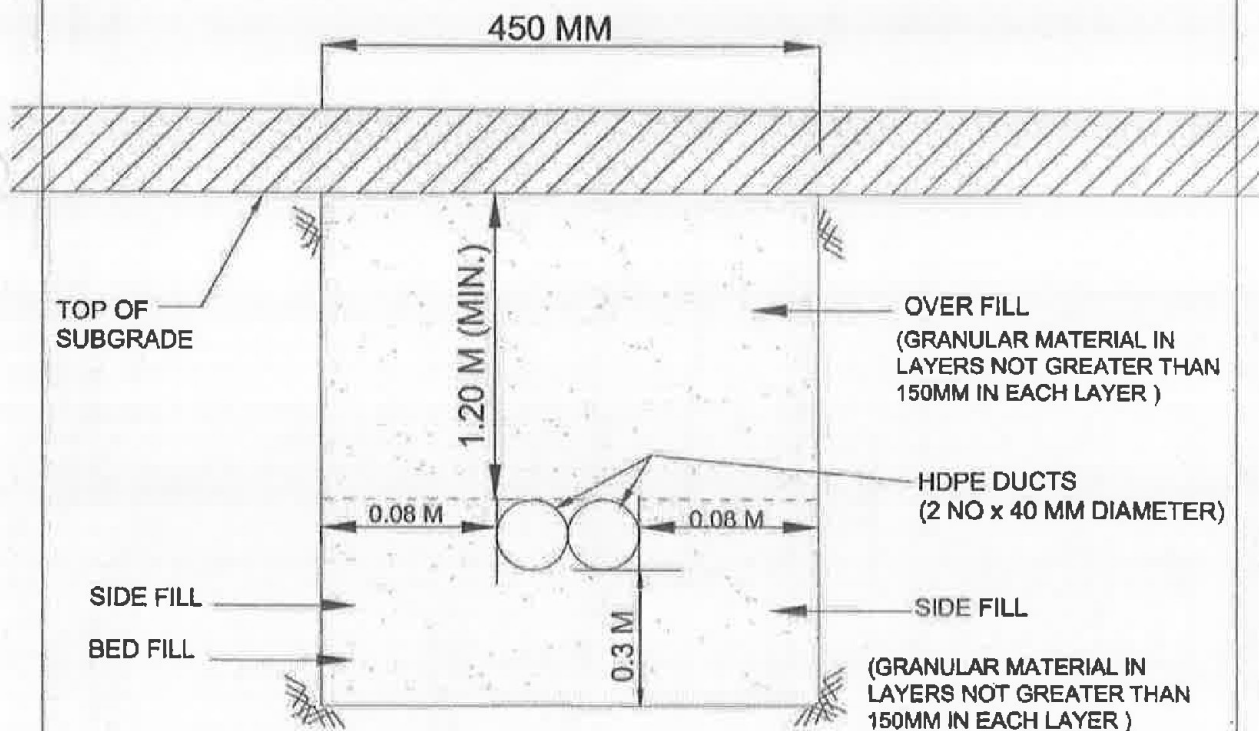


[Signature]
 Dy. Executive Engineer (R&B)
 N.H. Sub-Division, ONGOLE

[Signature]
 EXECUTIVE ENGINEER (R&B)
 N.H. DIVISION, VIJAYAWADA

[Signature]
 Asst. Executive Engineer (R&B)
 N.H. Section, Chirala

TRENCH CROSS SECTION FOR 2 HDPE DUCTS

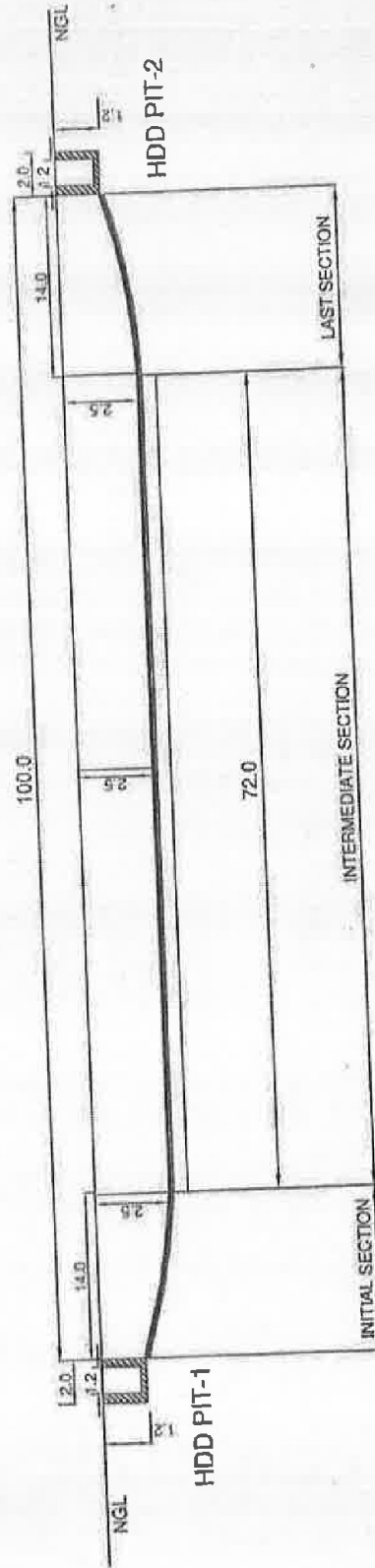


[Signature]
Dy. Executive Engineer (R&B)
N.H. Sub-Division, Ongole.

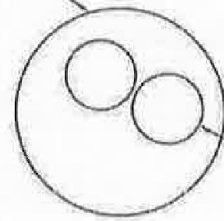
[Signature]
EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA

[Signature]
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Typical Cross Sectional For HDD



Bore Dia 100mm



40mm HDPE Duct

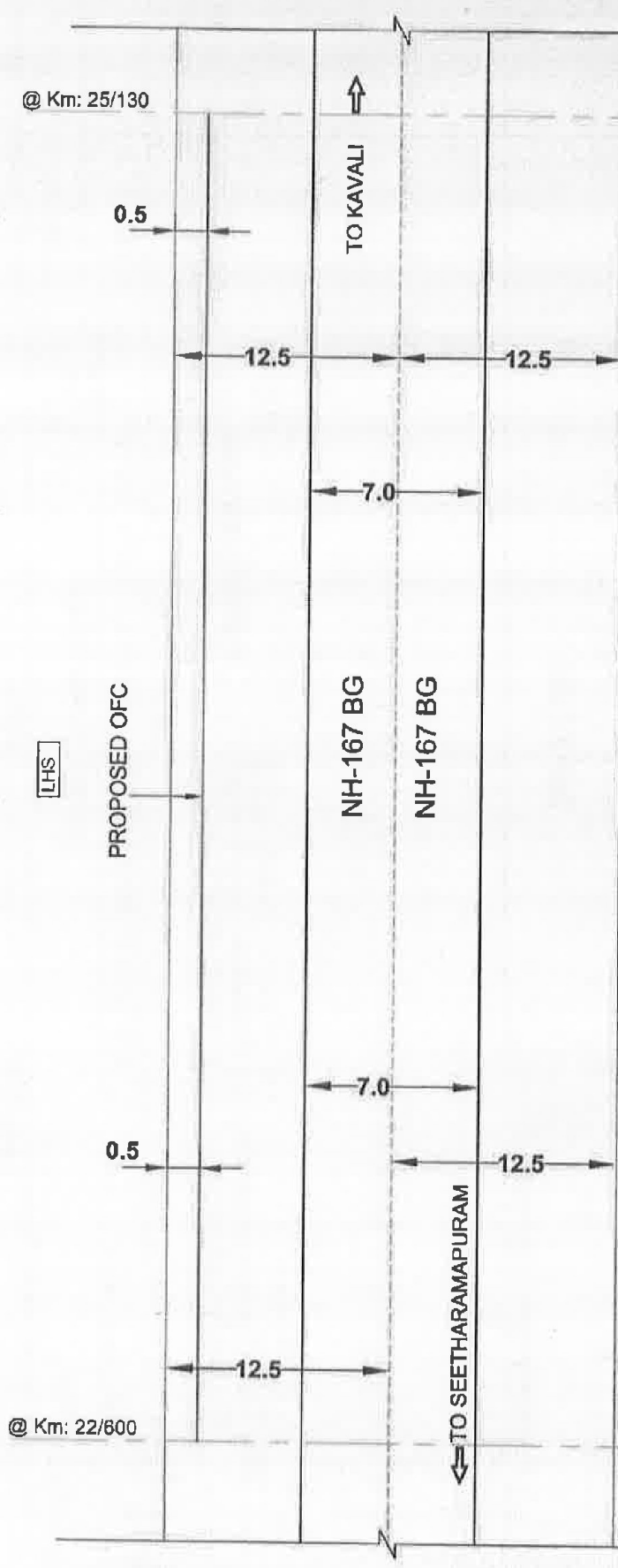


Asst. Executive Engineer (R&B)
N.H. Section, Chitrala.

Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE.

Executive Engineer (R&B)
N.H. Division, VIJAYAWADA.

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.



LHS

@ Km: 22/600

@ Km: 25/130

PROPOSED OFC

NH-167 BG

NH-167 BG

TO KAVALI

TO SEETHARAMAPURAM

Asst. Executive Engineer (R&B)
N.H. Section; Chirala.

Dy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

LEGEND:

- PROPOSED OFC ROUTE

- BT ROAD

- CENTER LINE OF CARRIAGEWAY

- BOUNDARY (ROW)

- BRIDGE / CULVERT

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 2.530 Km
3. SCALE - NTS

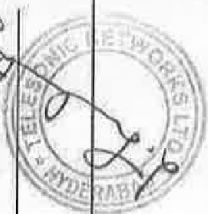
SEETHARAMAPURAM - KAVALI (NH - 167BG)

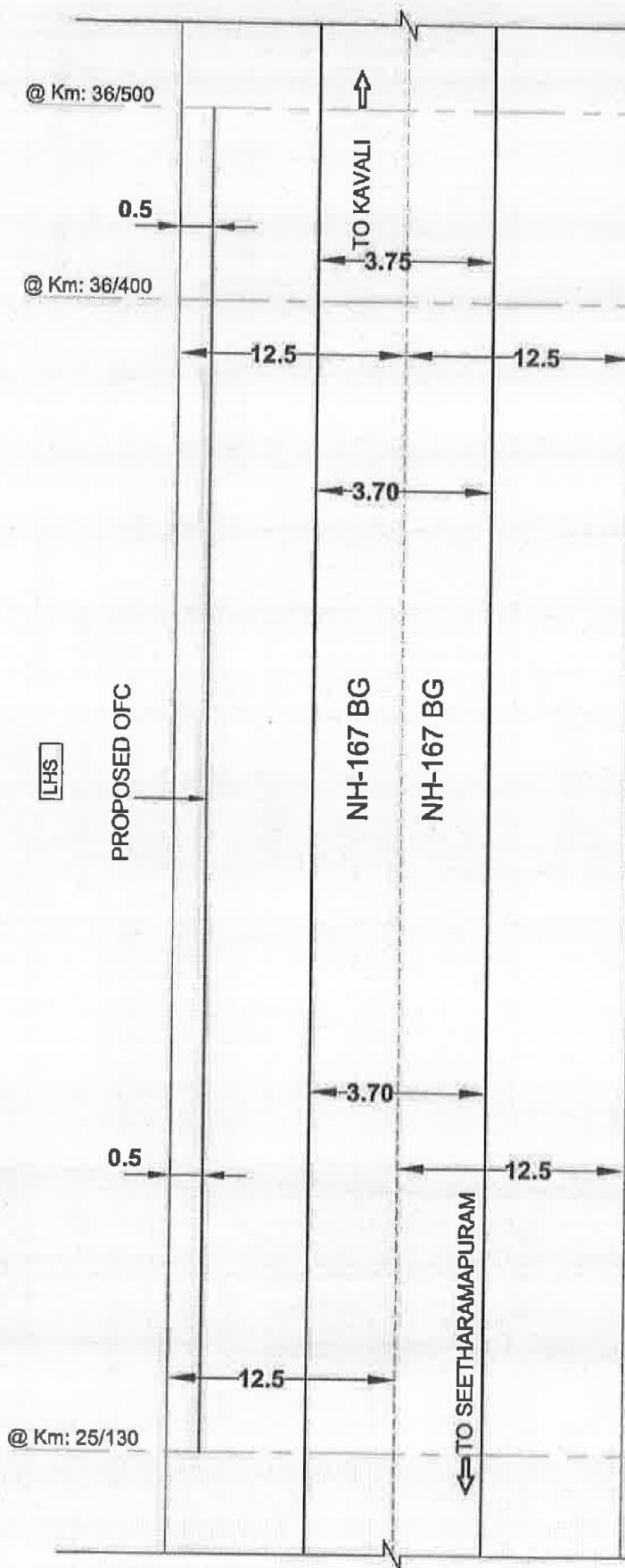
(Km:22/600 TO Km: 25/130)

APPLICANT:



Telesonic Networks Ltd





Asst. Executive Engineer (N.H. Section, Chirala.
N.H. Sub-Division, ONGOLE
25/11/24

EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VIJAYAWADA
27/11/24

Superintending Engineer (R&B)
Q2-N.H. Circle, Vijayawada.

LEGEND:

- - PROPOSED OFC ROUTE
- - BT ROAD
- - CENTER LINE OF CARRIAGEWAY
- - BOUNDARY (ROW)
- - BRIDGE / CULVERT

SEETHARAMAPURAM - KAVALI (NH - 167BG)

(Km:25/130 TO Km: 36/500)

NOTES:

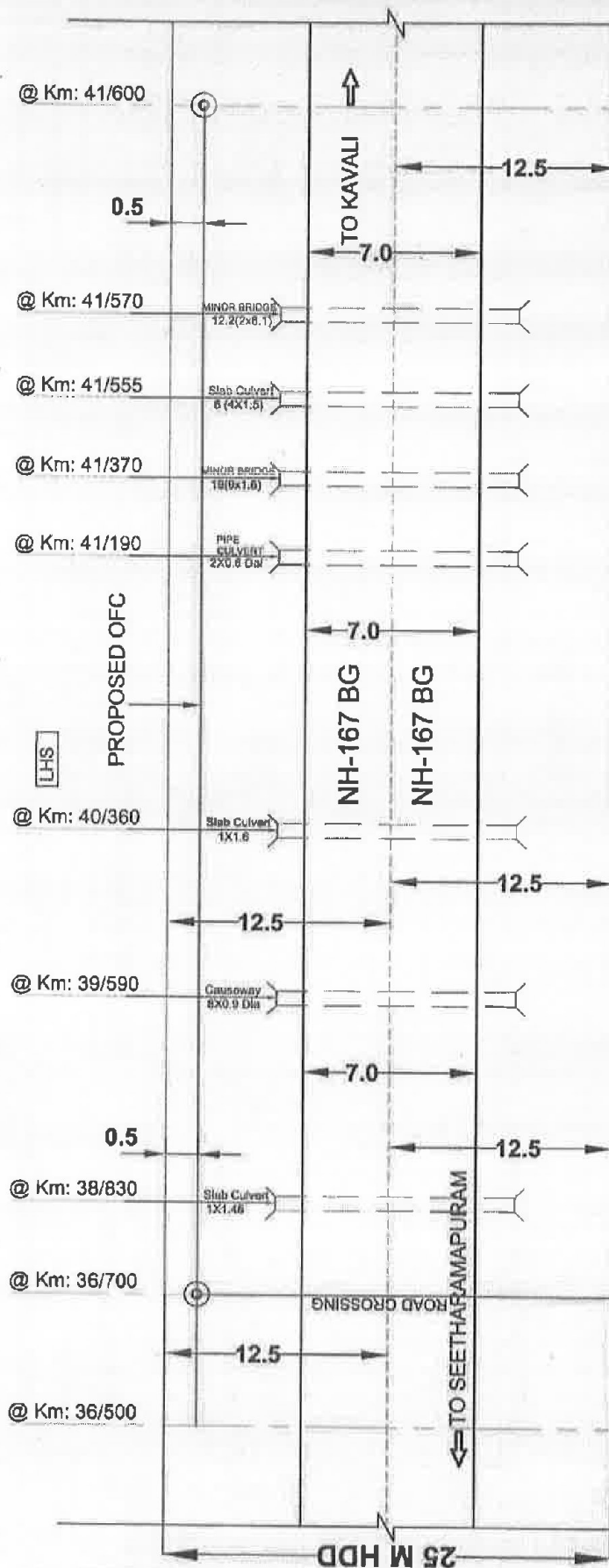
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 11.370 Km
3. SCALE - NTS

APPLICANT:



Telesonic Networks Ltd





Asst. Executive Engineer (R&B),
 N.H. Section, Chirala.
 05/11/21
 J. Executive Engineer (R&B),
 N.H. Sub-Division, ONGOLE
 27/11/21
 Superintending Engineer (R&B),
 N.H. Circle, Vijayawada.
 02/12/21

LEGEND:

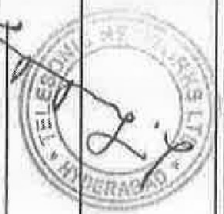
- - PROPOSED OFC ROUTE
- - BT ROAD
- - CENTER LINE OF CARRIAGEWAY
- - BOUNDARY (ROW)
- - BRIDGE / CULVERT

APPLICANT:

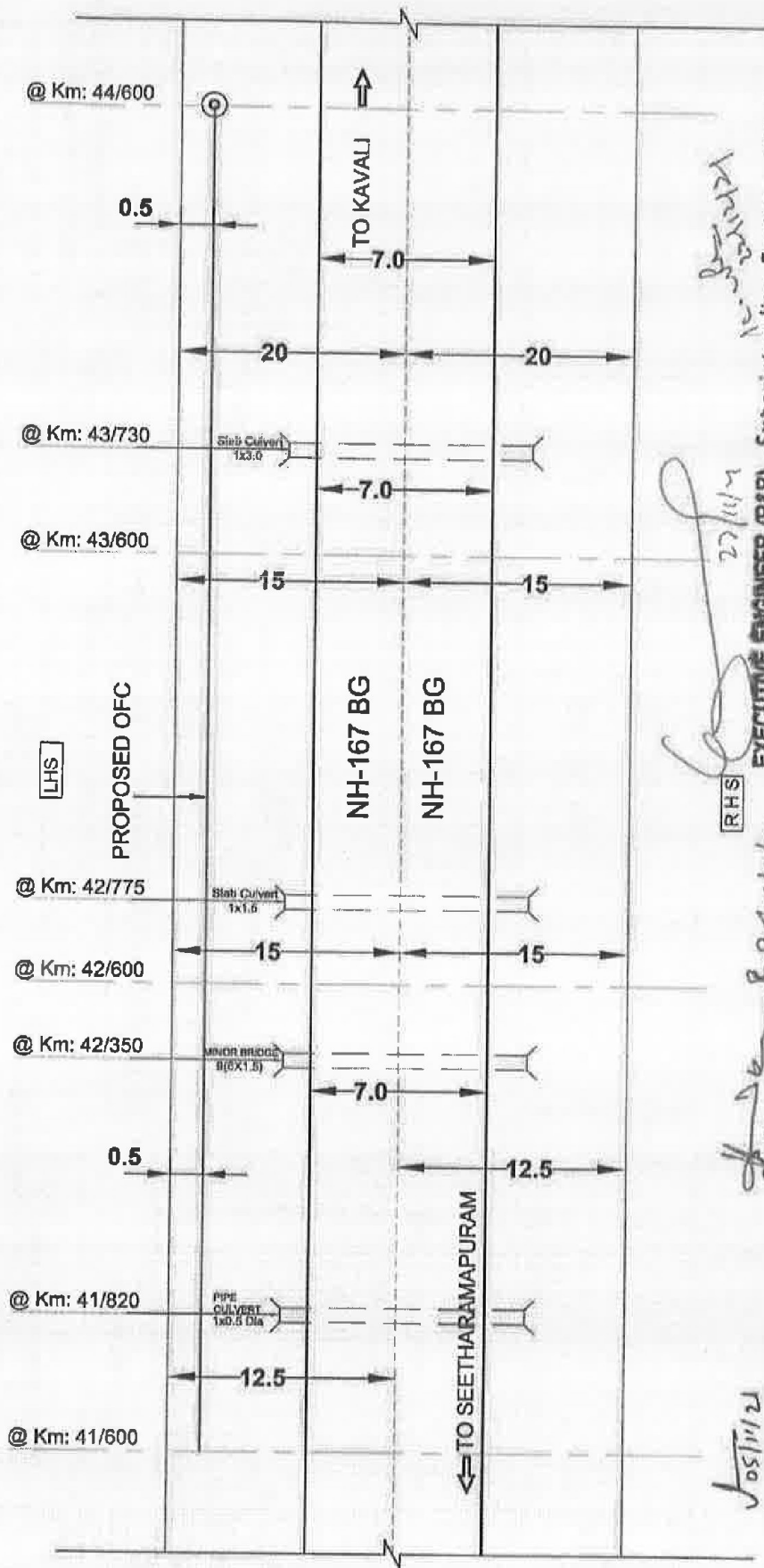
SEETHARAMAPURAM - KAVALI (NH - 167BG)
 (Km:36/500 TO Km: 41/600)

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 5.100 Km
3. SCALE - NTS



Telesonic Networks Ltd



Asst. Executive Engineer (R&B),
N.H. Section, Chirala.

Dy. Executive Engineer (R&B),
N.H. Sub-Division, ONGOLE.

EXECUTIVE ENGINEER (R&B)
N.H. DIVISION, VILAYAWADA.

Superintending Engineer (R&B)
N.H. Circle, Vilayawada.

LEGEND:

- PROPOSED OFC ROUTE
- BT ROAD
- CENTER LINE OF CARRIAGEWAY
- BOUNDARY (ROW)
- BRIDGE / CULVERT

SEETHARAMAPURAM - KAVALI (NH - 167BG)

(Km:41/600 TO Km: 44/600)

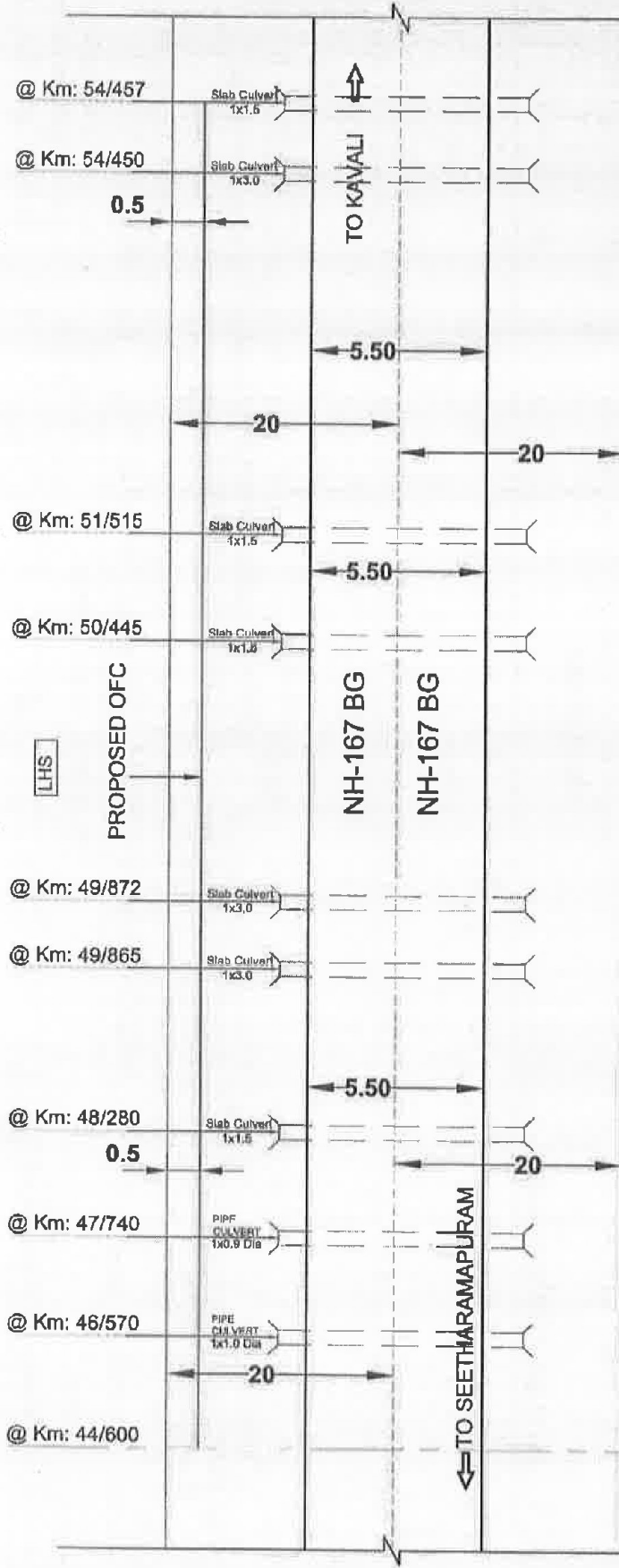
APPLICANT:



Telesonic Networks Ltd

NOTES:

1. ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 3.000 Km
3. SCALE - NTS



Asst. Executive Engineer (R&B)
 N.H. Section; Chirala.
 05/11/21
 Dy. Executive Engineer (R&B)
 N.H. Sub-Division, ONGOLE
 22/11/21
 EXECUTIVE ENGINEER (R&B)
 N.H. DIVISION, VIJAYAWADA
 22/11/21
 Superintending Engineer (R&B)
 N.H. Circle, Vijayawada.

- LEGEND:**
- - PROPOSED OFC ROUTE
 - - BT ROAD
 - - CENTER LINE OF CARRIAGEWAY
 - - BOUNDARY (ROW)
 - - BRIDGE / CULVERT

APPLICANT:

Telesonic Networks Ltd

SEETHARAMAPURAM - KAVALI (NH - 167BG)
 (Km:44/600 TO Km: 54/457)

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
 2. SECTION LENGTH - 9.857 Km
 3. SCALE - NTS

UNDERTAKING

We, M/s Telesonic Networks Ltd, Hyderabad -16, Telangana State hereby undertake to obtain prior permission from Forest Department in the forest stretches identified by Nellore Forest Department " for laying of O.F Cable along NH-167BG from Km.0.000 to 68.6000(LHS) and crossing road at Km.2.400, Km.36.7000 & Km.68.600 for a total length of 68645 meters in Nellore District of Andhra Pradesh under jurisdiction of (R&B) NH Division, Vijayawada "



Authorized signature

