No. RO/VJA/Misc.24/B/OFC/NH-40/Sr.no.88 기사기(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: 07.03.2022

Invitation of Public Comments

Sub: Proposal for Permission for laying Optical Fibre cable (OFC) along NH-40 by M/s Telesonic Networks Limited from km 299.000 to km 299.700 (LHS) of NH-40 of Kurnool - Chittoor road for a total length of 700mtrs in Chittoor 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 25.01.2022 for laying Optical Fibre cable (OFC) by M/s Telesonic Networks Limited from km 299.000 to km 299.700 (LHS) of NH-40 in Kurnool - Chittoor road for a total length of 700mtrs in Chittoor District in the State of Andhra Pradesh by the Horizontal Directional Drilling (HDD) method.

- 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 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.

Yours Faithfully,

Encl: As above

(Venkataiah Mekala) Sr. Technical Assistant, For Regional Officer, MoRTH, Vijayawada

Copy to:

- 1) 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, 364, 438 & 445, Splendid Towers, Opp: Begumpet Police station, Hyderabad, Telangana 500016.

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 Officer Regional Office,

Ministry of Road Transport & Highways, Door No.41-29-45A, 3rd & 4th Floors, MoRTH/NHAI 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 dt: 25

Sub: (R&B)NH Circle, Anantapuramu- Road Cutting permission - Permission to laying optical Fiber Cable (OFC) along NH 40 from Km 299.000 to 299.700 LHS by M/s Airtel Telesonic , Net work Limited , Hyderabad-Permission requested Observations complied -Reg

Ref: 1. SE/NH/Atp letter No: Road Cutting/Airtel OFC/SE NH ATP/ATO/2020-21 dated 11-01-2022

2. RO/MoRTH/Vijayawada letter No: RO/VJA/Misc 24/B/OFC/NH 40/Sr No 88/690 dated 06-10-2021

Adverting to the reference 2nd cited, wherein RO/MORTH/Vijayawada has made certain observations for the subject proposals. SE/NH/Anantpuramu has submitted replies to the observations vide reference 2nd cited.

In this connection,. The reply to the observation is as follows:

Observation made by RO/MORTH/Vijayawada

In this regard, the proposal has been examined and it is observed that, there is a difference between the trench cross section of 4 Nos of 40 mm diameter HDPE ducts with 400cm wide top of the Surface has been mentioned in trench cross section and the typical cross section of 2 Nos. of 40mm diameter HDPE ducts with 500mm wide on ground level has been mentioned in ROW plan and also signed by (R&B) officials. Therefore, it is requested to Executive Engineer (R&B) NH Division, Kadapa to inspect/verity the site & Re-submit the correct No. of HDPF duct lines & clarifications and also Re-submit the corrected

Reply submitted by SE/NH/Atp

As per the instructions and observation Regional Officer, by the made MORT&H, Vijayawada . The corrected design / drawing as per Ministry's 22-11-2016 quidelines dated of proposed OFC and Trench Cross Section for 2 HDPE Ducts drawings is enclosed.

(As per the drawing, , 2 Nos of HDPE ducts with 450 mm Trench width and in ROW Plan , the duct are laid at .5m design / drawings as per Ministry's guidelines date 22-11-2016.

from the inside edge of ROW i.e. 12m from center line

This is furnished for information and taking necessary action

Encl: Drawings -2 Sets

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

Copy to the Superintending Engineer N.H.circle, Anantapuramu Copy to the Executive Engineer, N.H.Division, Kadapa

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

GOVERNMENT OF ANDHRA PRADESH ROADS AND BUILDINGS DEPARTMENT NATIONAL HIGHWAYS

From

Sri P.Murali Mohan ME., Superintending Engineer(i/c), (R&B) N.H. Circle, Anantapuramu. To
The Chief Engineer,(R&B) NH & CRF,
Room No. 412, 4th Floor,
State HOD Offices Building,
M.G. Road,Vijayawada. -520010.

Letter No. Road Cutting /AIRTEL OFC /SE NH ATP/ ATO/2021-22, Dated:11-01-2022.

Sub:-

(R&B) NH Circle, Anantapuramu – (R&B) NH Division, Kadapa – Proposal for Permission for laying Optical Fibre cable (OFC) along NH- 40 by M/s.Telesonic Networks Ltd., from Km 299/000 to 299/700 (LHS) of NH-40 Kurnool – Chittoor road for a total length of 700 mtrs in Chittoor District in the State of Andhra Pradesh – Certain Obseravation – Reply - Resubmitted – Regarding.

Ref:-

- 1. Lr.No.RO/VJA/Misc.24/B/OFC/ NH- 40/Sr.No.88/690,dated.06.10.2021, of the Regional Officer, MORT&H Vijayawada.
- 2. Lr.No. Road Cutting/NH KDP/DB/2021-22, dated: 03.01.2022, of the Executive Engineer (R&B) NH Division, Kadapa.

I herewith submit the replies for the obseravations made by the Regional Officer, Vijayawada vide reference 1st cited, as follows.

Remarks (2):- In this regard, the proposal has been examined and it is observed that, there is a difference between the trench cross section of 4Nos of 40 mm diameter HDPE ducts with 400cm wide top of the surface has been mentioned in trench cross section and the typical cross section of 2 Nos.of 40mm diameter HDPE ducts with 500mm wide on ground level has been mentioned in ROW plan and also signed by (R&B) officials. Therefore, it is requested to Executive Engineer (R&B) NH Division, Kadapa to inspect/verify the site & Re-Submit the correct No. of HDPF duct lines & clarifications and also Re-Submit the corrected disign / drawings as per Ministry's guidelines dated 22-11-2016.

Reply:- As per the instructions and observation made by the Regional Officer, MORT&H, Vijayawada, I herewith resubmit the corrected design / drawing as per Ministry's guidelines dated 22-11-2016 of proposed OFC and Trench Cross Section for 2 HDPE Ducts drawings as submitted by the Executive Engineer (R&B) NH Division, Kadapa vide reference 2nd cited.

Hence, I request the Chief Engineer (R&B) NH & CRF, Vijayawada to obtain permission from the competent authority for according for road cutting and communicate orders at an early date.

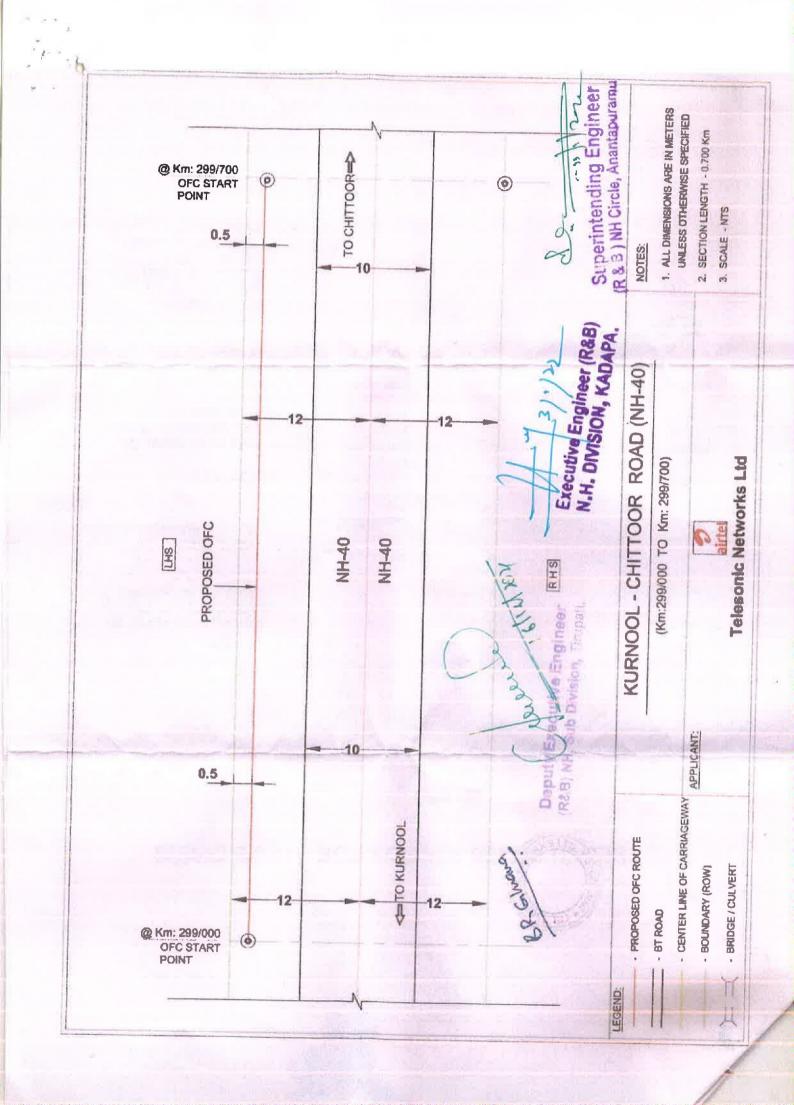
Encl :-As above drawings 3 sets & Copy of Refernce 2nd cited.

Yours faithfully,

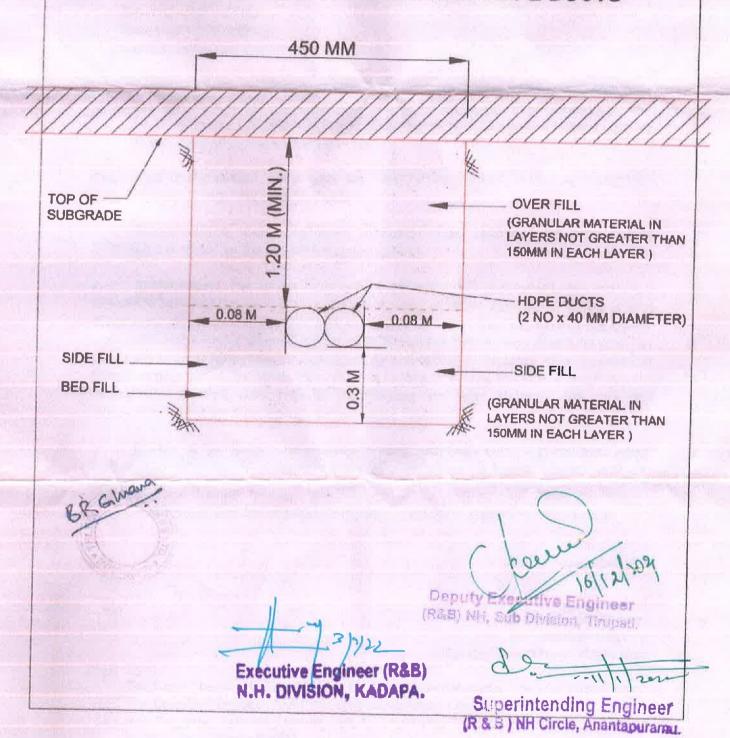
Superintending Engineer, (R&B) N.H.Circle, Anantapuramu.

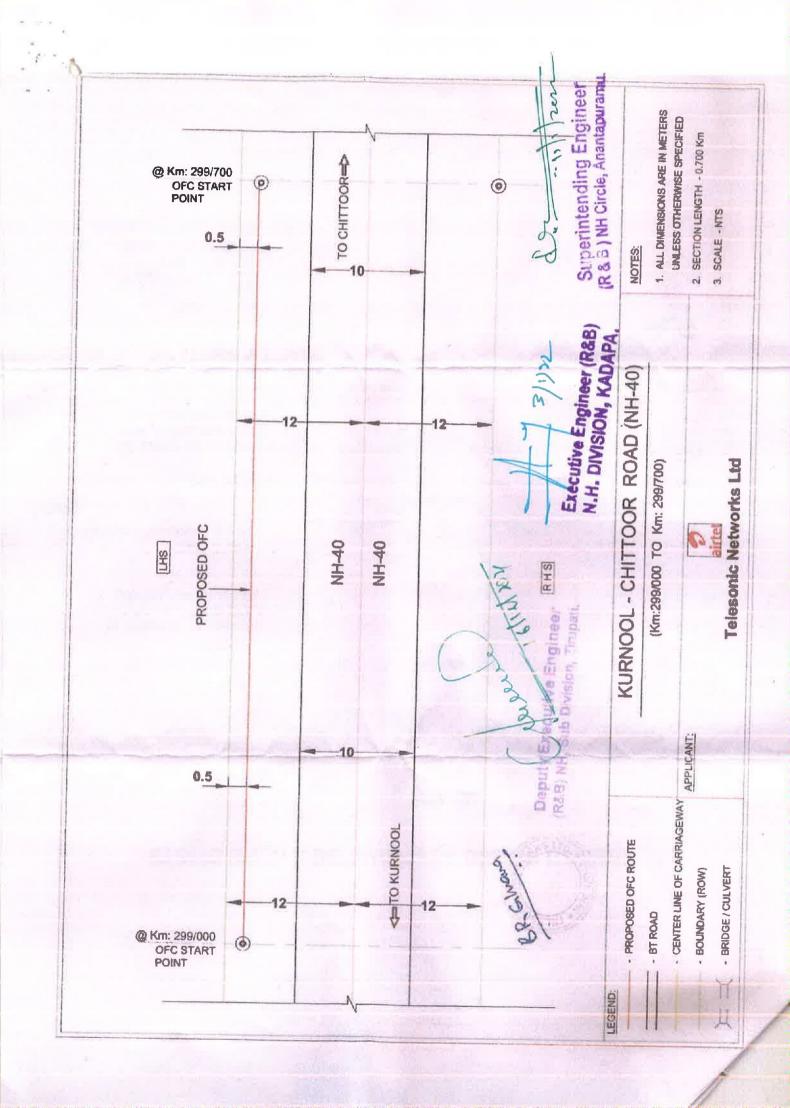
To

The Executive Engineer, (R&B) NH.Division, Kadapa for information.

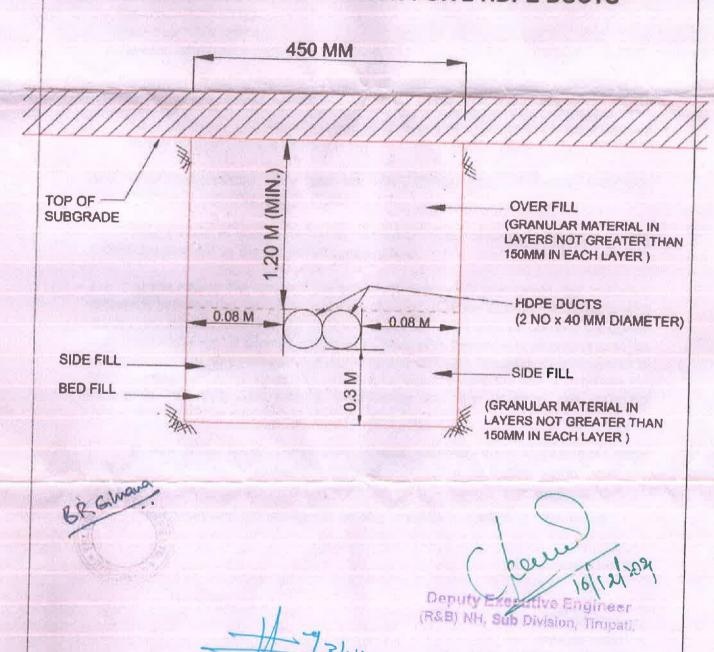


TRENCH CROSS SECTION FOR 2 HDPE DUCTS





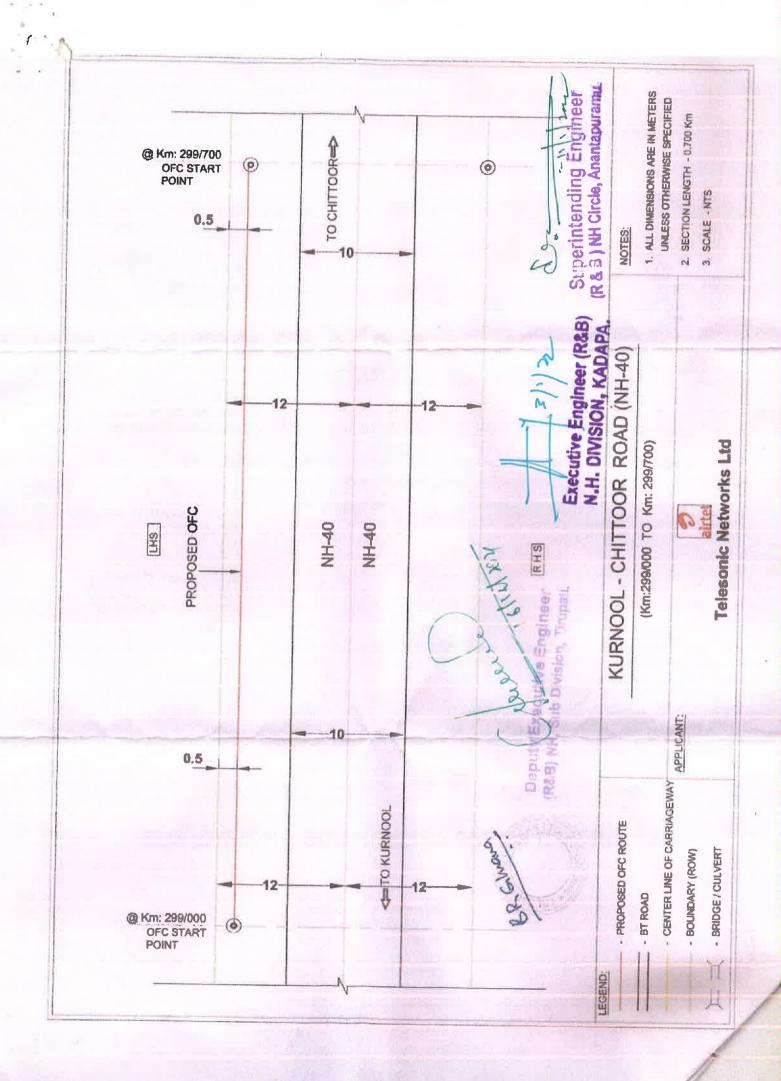
TRENCH CROSS SECTION FOR 2 HDPE DUCTS



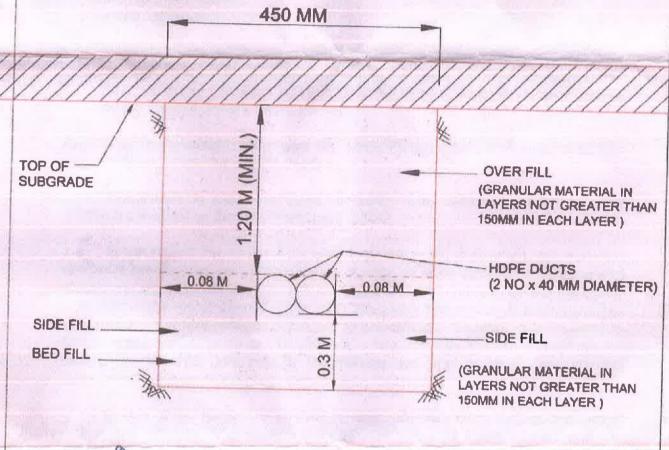
Executive Engineer (R&B) N.H. DIVISION, KADAPA.

Superintending Engineer

(R & B) NH Circle, Anantapuramu.



TRENCH CROSS SECTION FOR 2 HDPE DUCTS



Executive Engineer (R&B) N.H. DIVISION, KADAPA.

Deputy

(R&B) NH, Sub Division, Timpati,

Superintending Engineer (R & B) NH Circle, Anantapuranau.

INSPECTION REPORT

Proposals for laying of O.F cable along the road R&B NH-40 from Km 299/000 to \$\frac{4}{2}99/700 (0.700 Km), by Telisonic Networks Ltd, Splindid Towers, Begum pet, Hyderabad.

we have inspected the site on 23/03/2021 with reference to the proposal submitted by Telisonic Networks Ltd, Splindid Towers, Begum pet, Hyderabad. and the following points were observed and mentioned below.

- 1). The total Length of OFC proposed to be laid is 700 Mtrs from Km along the road R&B NH-40 from Km 299/000 to \$99/700 (0.700 Km) and representatives of Telisonic Networks Ltd, Splindid Towers, Begum pet, Hyderabad. Limited informed that the laying of OFC cable would be strictly asper the strip plans submitted by them.
 - 2). Representatives of Telisonic Networks Ltd, Splindid Towers, Begum pet, Hyderabad. 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 Canter line
- 4). The details of proposed 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 .

Certified that the proposal is confirming to all standard conditions issued vide Ministry's Circular No.RW/NH/33044/29/2015/S&R Dt:22.11.2016

Asst Executive Engineer(R&B) NH Section, Piler

Deputy Executive Engineer(R&B) NH Sub Division, Tirupatl

Executive Engineer (R&B

NH Division, Kadapa

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

Anantapur.

Annexure-1

CHECK-LIST

Guidelines for Project Directors for processing the proposal of laying optical fiber cable by private parties in the land along National Highways vested with NH(R&B).

Relevant circulars

- Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.09.2000
- NHAI's circular No. NHAI/OEC/2k/Vol II dated 7.11.2000, which includes the comprehensives guideline and draft license agreement for laying of OFC cable by private party in the land along National Highway vested with NHAI.
 - Ministry's circular No. RW/NH-33044/27/2015-S&R(R) dated 22.11.2016. It is regarding the modification of previous Ministry's circular enhancing the amount of Performance Bank Guarantee and Charges for granting license for use of highway land.

Check list for getting approval for laying of optical fiber cables on NH land

S. No.	Item	Information/Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	Telesonic Networks Limited, 1-8-437,364,438 & 445 Splendid Tower,Opp Begumpet Police Station Hyderabad, TG-500016	
1.2	National Highway Number	NH-40	-
1.3	State	Andhra Pradesh	
1.4	Location	Between Kurnool to Chittoor	
1.5	(Chainage in km)	Km.299.000 to Km.209.700 (LHS)	
1.6	Length in Meters	700 M (Along the Road 700 M)	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	12 M	
	(b) Right side from center line towards increasing chainage/km direction	12 M	
1.8	Proposal to lay the cable		
	(a) Left side from center line towards increasing chainage/km direction	Yes, as per Drawings attached (Utility Corridor)	Executive N.H. DIVIS

	(b) Right side from center line towards		
	increasing chainage/km direction	NA	
1.9	Proposal to acquire land		
	(a) Left side form center line	NA	
		-	
4.40	(b) Right side from center line	•	
1.10	Whether proposal is in the same side		
	where land is not to be acquired	NA	
	If not then where to lay the cable		
1.11	Details of already laid services, if any,	*	
	along the proposed route		
1.12	Number of lanes (2/4 / 6/8 lanes)		
	existing	4 lane	
1.13	Proposed Number of lanes (2 lane with		
	paved shoulders/4/6/8 lanes)		
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	10 M to 12 M	
	(b) Right side from center line	10 M to 12 M	
1.15	Proposed Service Road	NA NA	
	(a) Left side from center Line	IVA	
	(b) Right side from center line		
1.16	Whether proposal to lay cable is after		
1.10	the service road or between the service	After the control of	
		After the service road	
1.17	road and main carriageway		
1.1/	The permission for laying OFC shall be		
	considered for approval/rejection		
	(i) Where the ROW is more than 45 m		
	then the duct cable shall be laid at the		
	edge of right of way within the utility	Yes	
	corridor of 2m width, duly keeping in		7 101474
	view the future widening.	Executi	ve Engine
		N.H. D	WISION, K
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		The state of the s	
	V /22/8/24	Engineent.	\
		Cocutive in The	
		Deputy Executive Engineer, Tirupati.	*12.75
		R&E) NI	
		V-	

	MERSIA	Deputy Exact Hole Engineer Tings	Gwod
21	If Yes it shall only be through trench- less technology	NA E	ecutive Engineer H. DIVISION, KAI
	ducts within stipulated time frame. If crossings of the road involved		Malor L
1.20	If so furnish a joint implementation programmer to lay their respective	NA	
1.19	Whether the case of multiple licenses	No	
1.18	No. of applicants on the same stretch	1	
	cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.	NA	
	and drains (e.g. highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. (v) Where land strip for utility corridor		
	adequate only to accommodate the carriageway, central verge, shoulders	NA	
	widening plans. (iv) Where ROW is restricted and		
	corridor at the edge of existing ROW, duly keeping in view the possible		
	permitting the laying of cable/duct. This could be within 1.5m to 2m of utility		
	decision would need to be taken for		
	laning is not yet decided and available ROW is around 30m or less, a judicious	NA	-
	proposed to be acquired for 4-laning. (iii) Where the widening plan for 4-		
	carriageway where extra land is not		
	width, on that side of existing		
	cable shall be laid at the edge of right of way within the utility corridor of 2m		
	carriageway has been decided then the	NA	
	4 laning and the position of new		Λ.

R&B) APA.

2.	Document/Drawings enclosed with the		
	proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m (Min.) deep x 0.42m wide) Should not be greater than 1.2m in		
	width in multiple ducts.		
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes Attached	
2.3	Strip plan/Route Plan showing the OFC, Chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes, Attached as per the Drawing	
2.4	Methodology for laying of OFC	Laying Methodology Attached	
2.4.1	Open trenching method. If yes,	Back fill the soil excavated with	
	Methodology of refilling of trench	Compaction @ every 300mm	
2.4.2	Horizontal Directional Drilling (HDD) Method	Only for Road Crossing	
2.4.3	Laying OFC Through CD Works And Method Of Laying (Whether to be hung outside parapet)	No	
3.	Draft license Agreement signed by two witnesses	Yes	-
4.1	Performance Bank Guarantee		
4.2	Confirmation of BG has been obtained as per NHAI guidelines	BG shall be submitted as per NHAI Guidelines	
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	
5.2	Renewal of Bank Guarantee	Yes, will be obtain after submission of	
		BG	M8/alt
5.3	Confirming all standard condition of NHAI's guideline	Yes ; Enclosed	xecutive Engineer (R&B)
	What's guideline	Yes; Enclosed Yes; Enclosed Deputy Executive Engineer Deputy Executive E	2 Glucone
128B) 1			

5.4	Shifting of OFC as and when required by NHAI	Yes ; Enclosed
5.5	Shifting due to 6 lanning / widening of NH	Yes ; Enclosed
5.6	Indemnity against all damages and claims clause (xxiv)	Yes ; Enclosed
5.7	Traffic movement during laying of OFC to be managed by the applicant	Yes ; Enclosed
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant	Yes ; Enclosed
5.9	Certificate for 6-lanning from the applicant in following format "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development."	Yes ; Enclosed
6.	Power of Attorney in favour of authorized signatory	Yes ; Enclosed
7.	Copy of DOT license	Yes ; Enclosed
8.	Certificate from the Project Director	
8.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.9.2000 and NHAI's guidelines issued vide No. NHAI/OEC/2k/Vol II dated 7.11.2000 and Ministry's Circular No. RW/NH-33044/27/2015-S&R(R) dated 22.11.2016.	Undertaking Enclosed
8.2	Certificate for 6-lanning from PD in the	Executive Engineer (R&B)
	following format.	Deputy Executive Engines (R&B) NH, Sub Division, Tirupation (R&B) NH, Sub Division (R&B) N

certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning". The agreement fee of Rs. 1 shall be charged If NH section proposed to be taken up by NHAI on BOT basis - a clause in para	Yes Submitted in the form of DD	
to proposed six-laning based on the feasibility report considering proposed structures at the said location. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning". The agreement fee of Rs. 1 shall be charged If NH section proposed to be taken up		
feasibility report considering proposed structures at the said location. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning". The agreement fee of Rs. 1 shall be charged If NH section proposed to be taken up		
structures at the said location. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning". The agreement fee of Rs. 1 shall be charged If NH section proposed to be taken up		
available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning". The agreement fee of Rs. 1 shall be charged If NH section proposed to be taken up		
ROW is available at site for accommodating proposed six-laning". The agreement fee of Rs. 1 shall be charged If NH section proposed to be taken up		
accommodating proposed six-laning". The agreement fee of Rs. 1 shall be charged If NH section proposed to be taken up		
The agreement fee of Rs. 1 shall be charged If NH section proposed to be taken up		
charged If NH section proposed to be taken up		
If NH section proposed to be taken up	Submitted in the form of DD	
		- 7
by NHAL on BOT basis - a clause in page		
A Little of pot page - a clarise in bata		
17 to be inserted in the agreement.		
"The permitted Highway on which		
Licensee has been granted the right to	Yes	
lay cable/duct has also been granted as		
a right of way to the concessionaire		
under the consession agreement for		
upgradation of section from	2	
Km to Km on Build,		
Operate and Transfer basis and		
therefore, the licensee shall honour the		
same."		
Who will supervise the work of laying of		
OFC	Telesonic networks Limited	
Who will ensure that the defects in		
road portion after laying of OFC are	Telesonic networks Limited	
corrected and if not corrected then		
what action will be taken.		
Who will pay the claims for damages		
done/discustion in wealther of	Telesonic networks Limited	
Concessionaire if asked by the		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	under the consession agreement for upgradation of	a right of way to the concessionaire under the consession agreement for upgradation of

P SU3/21

Deputy Executive Engineer (R&B) NH, Sub Division, Tirupati.

14.	A Certificate from PD that he will enter		
	the proposed permission in the register		
	of records of the permissions in the		
	prescribed proforma (copy enclosed)	Yes, Enclosed	
	issued vide Ministry Circular No.	Annexure-III	
	RW/NH-33044/27/2015-S&R(R) dated		
	22.11.2016.		
15.	If any previous approval is accorded for		
	laying of cable then Photocopy of		
	register of records of permissions		
	accorded as maintained by PD (as per		
	Ministry Circular No. RW/NH-	No	
	33044/27/2015-S&R(R) dated		
	22.11.2016) as referred in para 13		
	above is enclosed or not.		

Assistant Executive Engineer (R&B), N.H. Section, PILER

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

Superintending Engineer (R & B) NH Circle, Anantapuramu

Executive Engineer (R&B)
N.H. DIVISION, KADAPA.

Format for Maintaining Records of Right-of-Way permission granted for laying OFC

(to be maintained separately for every NH and State)

Name of State

Name of Agency 2

NH Number

ന

: Telangana

: NH(R&B) PIU-Kadapa

: NH-40

1	
Remarks	
Any Date of deviation last from mspectio MOST n of site standard norms	°Z
Date of validity of agreement	
Date of Date of signing of validity of agreement	
Kind of Name of license and contact service address	Telesonic Networks Limited. 1-8-437,364,438,& 445 Splendid Tower, Opp Begumpet Police Station Hyderabad, TG -500016
Kind of service	Telecom
Section and reach	Kurnool -Chittoor
Left or right side of NH (towards increasing chainage/km direction	SH1
Location (change in Km)	Km.299.000 to Km.299.700
S.No	н

(R&B) NH, Sub Division, Tirupati Deputy Executive Engineer

Grand 49

Superintending Engineer & & B) NH Circle, Anantapuramu

Executive Englacer (R&B) N.H. DIV/310N, KADAPA.