



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क्र.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८.आंध्रप्रदेश

Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

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भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

Lr.No. NHAI/RO-VJA/22012/24/2019/375

Dt.13.02.2019

### INVITATION OF PUBLIC COMMENTS


Sub: RO - Vijayawada - Permission for laying of 48F of Optical Fiber Cable by M/s. BSNL between Kurnool to Nandyal Section of NH-18 (New NH-40) from Km.7/400 to Km.54/000 (Old Km.302.502 to Km.349.102) including 4 crossings, for a total length of 46.840 Kms. in the State of Andhra Pradesh - Public Comments - Reg.

The Project Director, PIU - Nandyal submitted a proposal of M/s. BSNL for Permission for laying of 48F of Optical Fiber Cable by M/s. BSNL between Kurnool to Nandyal Section of NH-18 (New NH-40) from Km.7/400 to Km.54/000 (Old Km.302.502 to Km.349.102) including 4 crossings, for a total length of 46.840 Kms. in the State of Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22<sup>nd</sup> November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

Regional Officer - Vijayawada,  
National Highways Authority of India,  
Plot No.21, Teachers' Colony, Gurunanak Nagar Road,  
Vijayawada, Andhra Pradesh. Pin: 520 008.  
Email: [rovijayawada@nhai.org](mailto:rovijayawada@nhai.org)

  
(Anil Dixit),  
Regional Officer  
RO - Vijayawada

## 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 NHAI.**

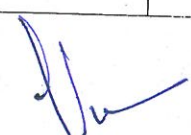
### Relevant circulars

- 1.Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.09.2000
- 2.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.
- 3.Ministry's circular No. RW/NH-333044/27/2005-S&R(R) (Pt.) date 07.08.2013. It is regarding the modification of previous Ministry's circular enhancing the amount of Performance Bank Guarantee @ Rs. 100/- per route meter in place of earlier rate of Rs. 50/- per route meter.
- 4. Ministry's circular F.No.RW/NH-33044/29/2015-S&R(R) date 22.11.2016. It is a new policy regarding accomodation of Public and Industrial utility services along and across National Highways by deposition of requisite license fees and prior permission of MORT&H

### 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	Divisional Engineer , Optical Fibre Cable Projects, Bharat sanchar Nigam Ltd, E-10B Telephone Exchange Compound,Block-II, Sreenivasa Nagar , Kurnool-518004 , Phone:08518-228222 Fax:08518-249910	
1.2	National Highway Number	NH-40 (Old NH-18)	
1.3	State	Andhrapradesh	
1.4	Location	Kurnool to Nandyal	

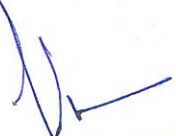
  
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1.5	(Chainage in km)	Km.7/400 to Km.54/000	
1.6	Length in Meters	46840m	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	As per drawing Attached	
	(b) Right side from center line towards increasing chainage/km direction	As per drawing Attached	
1.8	Proposal to lay the cable		
	(a) Left side from center line towards increasing chainage/km direction	Yes, As per Drawings attached	
	(b) Right side from center line towards increasing chainage/km direction	Yes, As per Drawings attached	
1.9	Proposal to acquire land	-NA-	
	(a) Left side form center line	-	
	(b) Right side from center line	-	
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	NA	
1.11	Details of already laid services, if any, along the proposed route	Existing BSNL OF Cable(damaged due to NH-40 Widening), Reliance Gio, Rcom, Airtel.	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	4 lane	

  
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1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	Yes	
	If yes then which side	Both sides	
	(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 cable is after the service road or between the service road and main carriageway	After the service road .	
1.17	The permission for laying OFC shall be considered for approval/rejection	Recommended for Approval	
	(i) Where the ROW is more than 45 m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	Yes, OFC shall be laid with in the utility corridor of 2m at the edge of ROW.	
	(ii) where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4-laning.	NO	

  
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	(iii) Where the widening plan for 4-laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5m to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	NO. OFC shall be laid within the utility corridor of 1.5 to 2m at the edge of ROW.	
	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain.	Yes, OFC shall be laid after the clear of the drain where ROW is restricted.	
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.	NA	
1.18	No. of applicants on the same stretch	1	
1.19	Whether the case of multiple licenses	No	
1.20	If so furnish a joint implementation programmer to lay their respective ducts within stipulated time frame.	NA	


  
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1.21	If crossings of the road involved If Yes it shall only be through trench-less technology	Yes, Road crossings at Km.33/700,Km.45/000,Km.47/000 and Km.53/000	
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.	Yes, Open trenching cross section Attached.	
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes , Typical HDD method cross section 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, Route plan showing all the details enclosed.	
2.4	Methodology for laying of OFC	Laying Methodology Attached	
2.4.1	Open trenching method. If yes, Methodology of refilling of trench	Yes, Refilling the trench shall be done with granular material.Compaction shall be done in layers of 15cm each and A crown of 250mm shall be at the top of refilled trench to cater for the soil settlement.	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes, All the crossings of the road shall be carried out by the HDD Method.	

  
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2.4.3	Laying OFC Through CD Works And Method Of Laying (Whether to be hung outside parapet)	Where ever Cable ducts are available OFC shall be laid in the such ducts. In the absence of such cable ducts, OFC shall be clamped outside the parapet wall of the Bridge.	
3.	Draft license Agreement signed by two witnesses	Yes, Enclosed.	
4.0	Performance Bank Guarantee & License Fee.		
4.1	Performance BG as per Ministry's circular RW/NH-33044/29/2015-S&R(R) date <u>22.11.2016</u> to be obtained @ Rs.100 per meter length	Undertaking for submission of BG at the Rate of Rs.100/- per meter has been obtained from M/s. Bharat Sanchar Nigam Ltd.	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Confirmation of BG shall be obtained after BG submission by the M/s. Bharat Sanchar Nigam Ltd.	
4.3	License Fee for utilizing NH Land area as per Ministry's circular. No. RW/NH-33044/29/2015-S&R(R) date <u>22.11.2016</u> to be obtained.	Under taking for payment of license fee has been obtained from M/s. Bharat Sanchar Nigam Ltd.	
5	<b>Affidavit/ Undertaking from the Applicant for</b>		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes ; Enclosed	
5.2	Renewal of Bank Guarantee	Yes ; Enclosed	
5.3	Confirming all standard condition of NHAI's guideline	Yes ; Enclosed	

  
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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	-	
7.	Copy of DOT license	-	
8.	Certificate from the Project Director		


  
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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-33044/27/2005/S&R(R) (Pt.) dated 06.08.2013.	Undertaking Enclosed	
8.2	Certificate for 6-lanning from PD in the following format.		
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lining".		
9.	The agreement fee of Rs. 1 shall be charged	Yes, Submitted in the form of DD	


  
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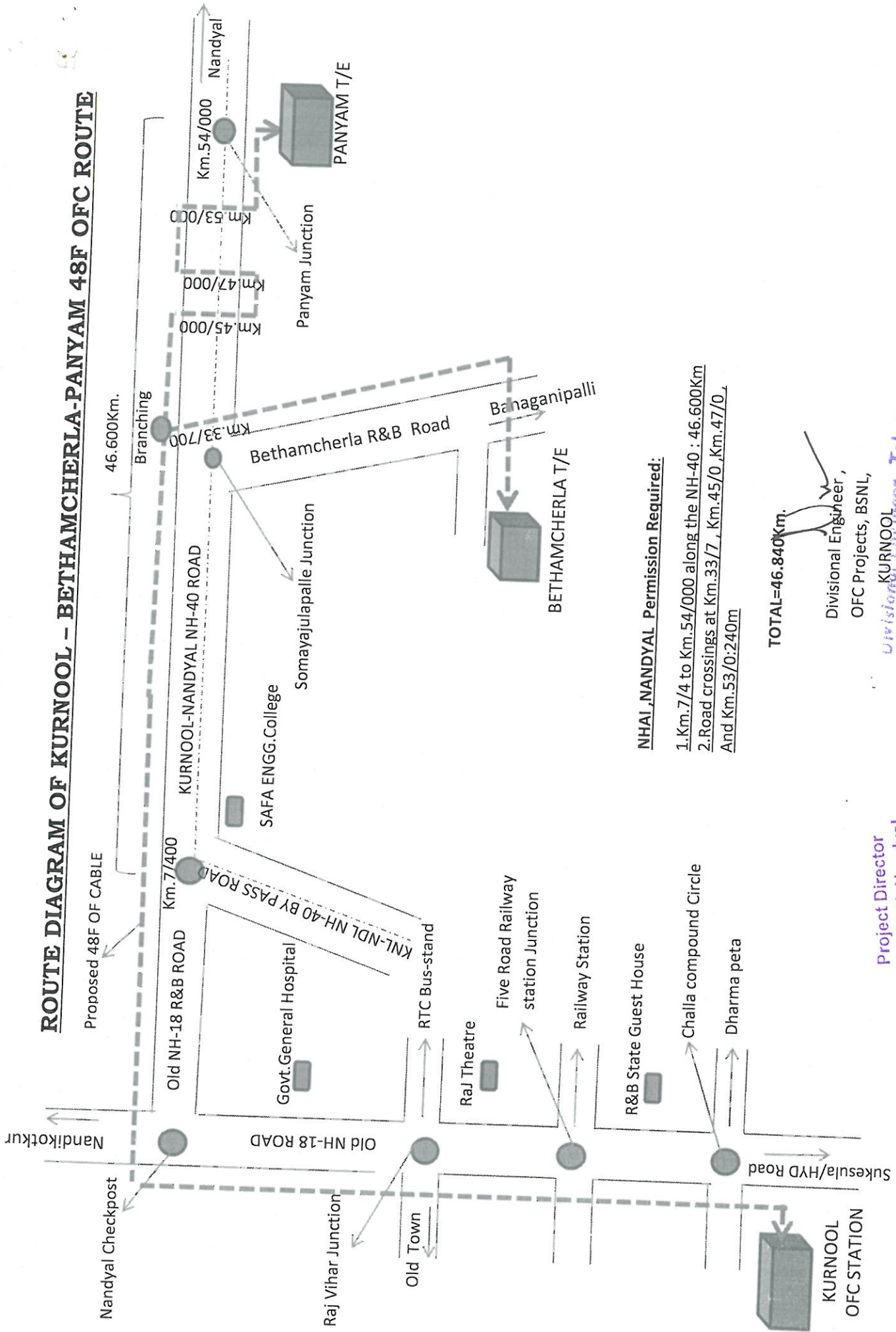
14.	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed) issued vide Ministry Circular No. RW/NH-33044/29/2015-S&R(R) date <u>22.11.2016.</u>	Yes, Enclosed	
15.	If any previous approval is accorded for laying of cable then Photocopy of register of records of permissions accorded as maintained by PD (as per Ministry Circular No. RW/NH/33044/17/2000/S&R dated 23.7.2003) as referred in para 13 above is enclosed or not.	No	

  
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 Optical Fibre Cable Projects, STP,  
 Bharat Sanchar Nigam Ltd,  
 E 10 B Exchange , Block-II , Ist Floor, Srinivasa nagar,  
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# **ROUTE DIAGRAM OF KURNOOL - BETHAMCHERLA-PANYAM 48F OFC ROUTE**



## **NHAI, NANDYAL Permission Required:**

1. Km. 7/4 to Km. 54/000 along the NH-40 : 46.600Km
2. Road crossings at Km. 33/7, Km. 45/0, Km. 47/0, And Km. 53/0: 240m

**TOTAL=46.840Km.**

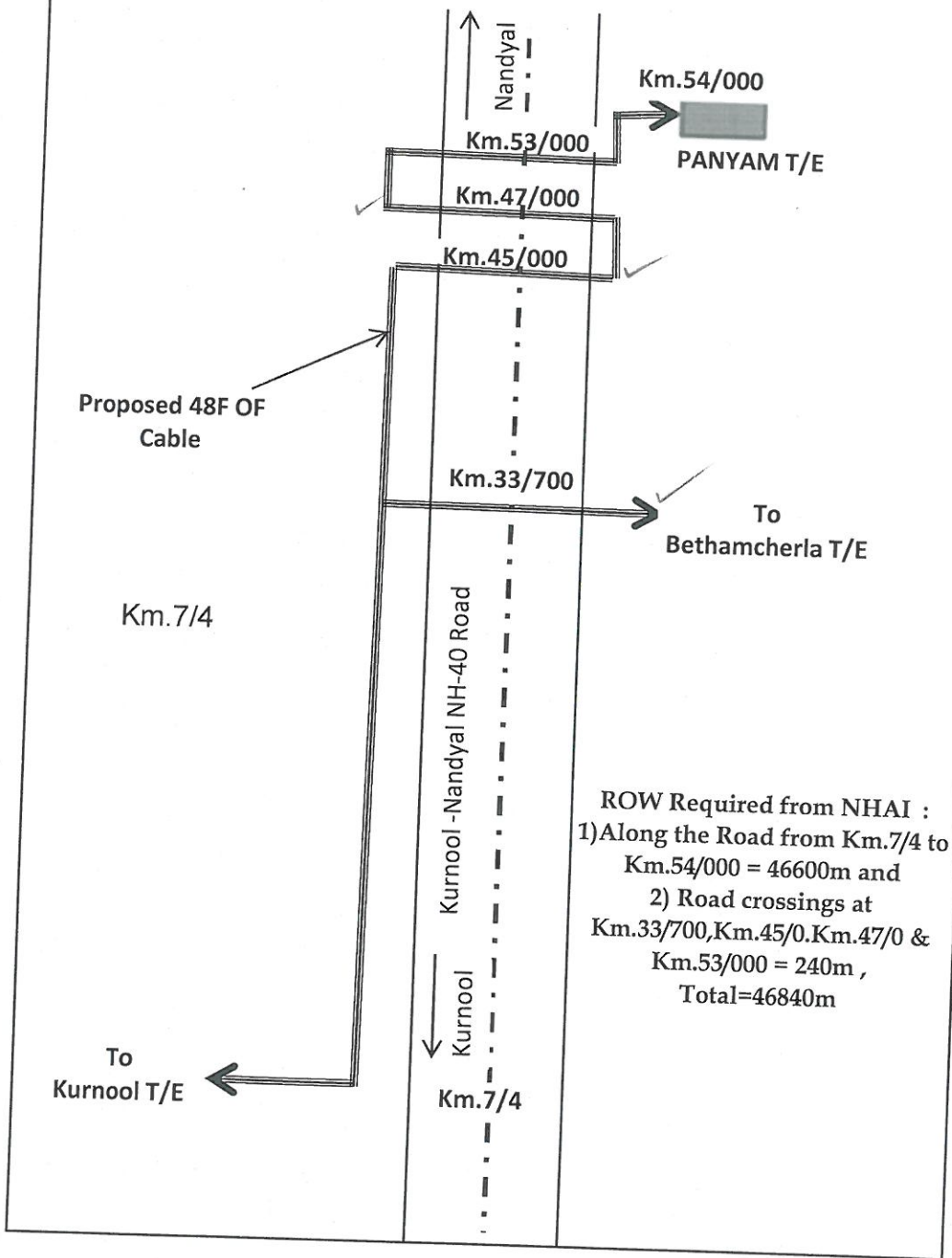
Divisional Engineer,  
OFC Projects, BSNL,

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**KURNOOL-4.**

Project Director  
NHAI P.U., Nandyal



# ROUTE DIAGRAM




Project Director  
NHAI P.I.U., Nandyal

Divisional Engineer, Telecom  
Optical Fibre Cable Project  
KURNOOL

Calculation of License Fee for utilising the NH Land from Km.7/4 to Km.54/0 along Kurnool-Nandyal NH-40 Road.

Proposal for granting of Permission for laying of 40/33mm size PLB Pipe along with Optical Fibre Cable (OFC) along NH-40 by M/s. Bharat Sanchar Nigam Limited from Km 7/4 to Km 54/0 along Kurnool-Nandyal Road for the length of 46840 Meters in Andrapradesh.

Sl No.	Name of Village /Town	Chainage		Length route Mtrs.	Width Mtrs.	Utilised NH Land Area Sq. Mtrs.	Details of Land	Prevailing Circle rate of Land in Rs./SqYd (As per Revenue Records)	Prevailing Circle rate of Land in Rs./Acre (As per Revenue Records, 1acre=4 840Sqyd)	Prevailing Circle rate of Land in Rs./Sq.Mtrs. (Rate per Acre /4046.86)	Amount Rs.	Remarks
		From Mtrs.	To Mtrs.									
	B.Thandrapadu (Safa Engg.College. Kurnool)	Km.7/4	Km.8/0	600	0.04	24	Agri-Drylands		2032000	502	12,048.00	
1		Km.8/0	Km.15/0	7000	0.04	280	Agri-Drylands		1260000	311	87,080.00	
2	Nannur	Km.15/0	Km.22/8	7800	0.04	312	Agri-Drylands		630000	156	48,672.00	
3	Orvakal	Km.22/8	Km.28/0	5200	0.04	208	Agri-Drylands		630000	156	32,448.00	
4	Hussainapuram	Km.28/0	Km.31/0	3000	0.04	120	Agri-Drylands		630000	156	18,720.00	
5	Kalva	Km.31/0	Km.37/0	6060	0.04	242.4	Agri-Drylands		630000	156	37,814.40	
6	Somayajulapalli	Km.37/0	Km.47/4	10520	0.04	420.8	Agri-Drylands		840000	208	87,526.40	
7	Thammaraupalli	Km.47/4	Km.54/0	6660	0.04	266.4	Agri-Drylands		840000	208	55,411.20	
8	Panyam		Total	46840	0.04	1873.6					379,720.00	
Total Amount												Rs. 379,720.00
License Fees (Rs./month)=Total / (10 X 12)												Rs. 3,164.33
Total license Fee for 5 years = License Fee X 5 X12												Rs. 189,860.00
Total License Fees payable by M/s Bharat Sanchar Nigam Limited for laying of public utility service (Telecom cables) (For public Utility 33% of Industrial Utilities as per point No.5 of MoRTH guidelines vide letter No. RW/NH 330044/29/2015/S&R(R) Dated 22nd November, 2016 i.e Rs (Total license fee X 33%)												Rs. 62,654.00
Performance Bank Guarantee Amount calculation between Km.7/4 to Km.54/0												
Amount of performance Bank Guarantee to be submitted= Total No of route meters X Rs. 100/- per route meter (<=300mm dia/width)												
Performance Bank Guarantee Amount = 46840mtrsXRs.100										Rs.	4,684,000.00	

  
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