

ACCESS ACROSS INDIA

भारत ब्रॉडबैंड नेटवर्क लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT BROADBAND NETWORK LIMITED

(A Govt. of India Undertaking)

**DIVERSION 4.26 HA OF FOREST LAND
FOR LAYING OPTICAL FIBER CABLE
IN FOREST LANDS OF NARSIPATNAM
DIVISION**

**"EXECUTION OF NATIONAL OPTICAL
FIBER NETWORK (NOFN) PROJECT,
PHASE-I, ANDHRA PRADESH STATE."**

Enclosure 2

CHECK LIST

For the proposal for Diversion of Forest Lands for non-Forestry purpose under the Forest Conservation Act, 1980 for
Linear Projects: Railway/UG Gas Pipeline/Water Pipeline/Optical Fibre/Electricity Lines etc.

State S. No. of Project:				
Date of receipt in NO-PCCF's office:				
Name of the Project:		"Execution of National Optical Fiber Network (NOFN) Phase-I, Project, Andhra Pradesh State."		
Area proposed for diversion, in Ha:		4.26 Ha		
Name of the Forest Division:		NARSIPATNAM		
Whether area proposed falling in WLS / NP / ESZ / Biosphere Reserve or WL Corridor?		No		
Whether situated in Scheduled Area		No		
S. No.	Name of Document/Information	Provided or Not (Yes/No)	Page No.	Remarks
A	PART-I			
1	Main application Form from Part-I to V with all its columns duly filled up and signed by the competent authority with date, place and their official seal.	Yes		
2	Detailed note on the project.	Yes		
3	Full Justification for locating the project in forest area (un-avoidance of the forest area for the purpose)	Yes		
4	Certificate for minimum use of forest land giving details of the alternatives examined and reasons for their rejection.	Yes		
5	Map of the project site forest area demanded on original Survey of India topo-sheet in 1:50000 or any other suitable scale; clearly showing forest boundaries and adjoining areas with their land use in distinct colors.	Yes		
6	Index Map, if the area is very small, showing forest boundaries and a location map on a larger scale with land use of the area required.	Yes		
7	Geo-referenced digital data (e00 format, Geographic co-ordinate system WGS 84 datum, readings up to 8 decimal places in degrees) of the boundary/ies of the proposed FL for diversion in Shape file (Soft copy in a DVD along with RAW & post-processed data) and digital map in hard copy duly authenticated by competent authority. *The survey shall be performed using DGPS in real-time or post-processed mode. However the survey may be performed using TS in GPS shadow areas, and data shall be duly geo-referenced using GCPs collected by dual frequency DGPS receivers.	Yes		
8	Make & Model of the DGPS equipment used, Names of the Agency/persons involved in the DGPS survey, period of survey, name of the authenticating agency for the accuracy of the survey.	Yes		
9	Linear map or a diagrammatic map of the project site.	Yes		
10	Statement showing the details of forest area involved i.e. Division, Range, Beat, Forest Block & Compartment No. wise.	Yes		
11	Item wise breakup of the forest area proposed for diversion, if any.	Yes		
12	Cost Benefit (CB) analysis in prescribed format, wherever required.(For projects involving area of >20 Ha in plains & >5 Ha in hills)	Yes		

13	Status of clearance under Environment (Protection) Act, 1986 & Rules 2006; wherever required.	No			
14	Detailed scheme for rehabilitation of project affected persons, wherever required.	No			
15	Minimum distance of the proposed site from Wildlife Sanctuary and/or National Park, if any.	No			
16	To show the existing Water body / Water channel or road, which should be identifiable.	No			
17	To show the newly proposed bridge /culvert / under- ground pass / tunnel etc. to be identify clearly.	No			
18	To enclose the cross section Plan / Map indicating dimension of (Length / Width / Height /depth etc) clearly.	Yes			
19	Undertaking to pay the Net Present Value (NPV), Addl. NPV of the forest land involved.	Yes			
20	Undertaking to pay the Extraction Charges of the trees to be removed from the forest land involved.	Yes			
21	Details of equivalent non-forest land identified for Compensatory Afforestation viz. Survey No., Village, Tahsil /Mandal, District etc. along with map in SOI Topo-sheet in 1:50000 or appropriate scale along with the boundaries of adjoining forest area.	NA			
22	Geo-referenced digital data of CA land (e00 format, Geographic co-ordinate system WGS 84 datum, read- ings up to 8 decimal places in degrees) of the boundary/ ies of the proposed FL for diversion in Shape file (Soft copy in a DVD along with RAW & post-processed data) and digital map in hard copy duly authenticated by competent authority. * The survey shall be performed using DGPS in real-time or post-processed mode. However the survey may be performed using TS in GPS shadow areas, and data shall be duly geo-referenced using GCPs collected by dual frequency DGPS receivers.	NA			
23	Make & Model of the DGPS equipment used, Name/s of the Agency/persons involved in the DGPS survey, period of survey, name of the authenticating agency for the accuracy of the survey.	Yes			
24	Certificates a, c, d, g & h under RoFR Act; where Primi- tive Tribal Groups (PTG) & Pre-Agricultural Commu- nities (PAC) are involved in the proposed FL.	NA			
B	Part II				
1	Enumeration list of trees (species and girth class wise) along with Abstract.				
2	Site inspection report, along with photographs, of the forest area involved in the project in prescribed format.				
3	Impact of proposed project on the flora & fauna in the adjoining forests.				
4	Impact of proposed project on the ecology, specially soil erosion in and around the proposed area for mining.				
5	Mitigative measures to prevent loss to flora, fauna & soil erosion in & around the proposed area for the project.				
6	Detailed scheme for Compensatory Afforestation on identified non-forest area/degraded forest area at present wage rates duly signed by DFO and counter signed by the CF concerned.				
7	Certificate from the DFO that non-forest land selected for compensatory afforestation is in a compact block and contiguous to forest area or in close proximity of forest area and suitable from the management and protection point of view.				

8	Soil Suitability Certificate from Divisional Forest Officer that the area identified for compensatory Afforestation is suitable for raising plantation.				
9	Calculation Sheet for arriving at NPV of the proposed area for diversion.				
10	Certificate that no work has been carried out in violation of the FC- & WL act.				
a	If violated, circumstances leading to violation, date of commencement of work, quantity				
b	Details of disciplinary action initiated or proposed to be initiated against the concerned staff for violation of the provisions of the Act.				
c	Names of the persons of the User Agency for violation & details of the report submitted.				
11	Specific Recommendation of the DFO.				
C	PART III (To be filled in by the CF)				
1	Site inspection report , along with photographs, of the forest area involved in the project in prescribed format, when the area is more than 40 Ha in extent.				
2	Specific Recommendation of the CF.				
3	Any other information/documents attached or conditions stipulated.				



Sr. General Manager

Bharat Broadband Network Limited

State Head (AP), VISAKHAPATNAM

परिचलन महाप्रबंधक (ओ&एम) / Sr. General Manager (O&M)

भारत ब्रॉडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited

(भारत सरकार का उपक्रम) / (A Government of India Undertaking)

सहस्रमधारा / Seethammadhara

विशाखपट्टणम / Visakhapatnam

ANNEXURE**(See Rule 6)****Form –A****Form for seeking prior approval under section 2 of the proposals by the State Governments and other authorities.****PART-1 (To be filed up by User Agency)**

1	Project Details	:	Laying of Optical Fiber Cable	
(i)	Short narrative of the proposal and project/scheme for which the forest land is required	:	For laying of Optical Fiber Cable along the Road within the Right of Way passing through forest area under Narsipatnam division connecting various Gram Panchayats in Vishakhapatnam District to enable Broadband internet connectivity in the State of Andhra Pradesh as per directive of the Government of India under National Optical Fiber Network (NoFN) Project being executing by of M/s. Bharat Broadband Network Ltd. (M/s BBNL).	
(ii)	Map showing the required forest land, boundary of adjoining forest on a 1,50,000 scale map	:	The DGPS survey data overlaid on Topo Sheets Enclosed.	
(iii)	Cost of the project	:	Rs. 85.46 Crores	
(iv)	Justification for locating the project in forest area	:	Annexure enclosed	
(v)	Cost-benefit analysis	:	NA	
(vi)	Employment likely to be generated	:	10 Persons.	
2	Purpose-wise break-up of the total land required	:	An extent of 4.26 Ha (43333 mts length x 0.45 mts width)	
3	Details of displacement of people due to the Project, if any	:	Nil	
(i)	Number of families	:	Nil	
(ii)	Number of scheduled casts/ Scheduled Tribe Families	:	Nil	
4	Whether clearance under Environment (Protection) Act.1986 required (Yes/No)	:	No	
5	Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of safety zone, etc., as per the scheme prepared by the State Government	:	Enclosed	
6	Details of Certificates / Documents enclosed as required under the instructions	:	Documents Enclosed	


Sr. General Manager**Bharat Broadband Network Limited
State Head (AP)****VISAKHAPATNAM**

भारत ब्रोडबैंड नेटवर्क लिमिटेड (आर.एन.डी.) / Sr. General Manager (O&M)
भारत ब्रोडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
(भारत सरकार का उपक्रम) / (A Government of India Undertaking)
सहस्रधारा / Seethammadhara
विशाखपट्टणम / Visakhapatnam

PART-II

(To be filled by the concerned Deputy Conservator of forests)

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State Serial No. of Proposal

- 7) Location of the Project /Scheme :
- i) State /Union Territory :
- ii) District :
- iii) Forest Division :
- iv) Area of forest land proposed for diversion (in Ha.) :
- v) Legal status of Forest :
- vi) Density of Vegetation :
- vii) Species wise(Scientific names) and diameter class wise enumeration of trees (to be enclosed). In case of irrigation/hydel Projects enumeration of FRL-2 meter & FRL-4 meter also to be enclosed) :
- viii) Brief note on Vulnerability of the forest area to erosion. :
- ix) Approximate distance of proposed site for diversion from boundary of forest. :
- x) Whether forms part of National Park, wildlife sanctuary, Biosphere reserve, Tiger reserve, Elephant corridor etc., (If so, the details of the area and comments of the Chief Wildlife :

warden to be annexed).

- xi) Whether any rare/endangered/ :
unique species of flora and fauna
found in the area if so details thereof.
- xii) Whether any protected archaeological :
heritage site/defence establishment of
any other important monument is
located in the area. If so, the details
thereof with NOC from competent
authority, if required.
- 8) Whether the requirement of Forest :
land as proposed by the user agency
in col.2 of Part-I is unavoidable and
barest minimum for the Project. If
no, recommended area item-wise with
details of alternatives examined.
- 9) Whether any work in violation of the :
Act has been carried out(Yes/No). If
Yes, Details of the same including
Period of work done action taken on
Crime officials. Whether work in
Violation is still in progress.
- 10) Details of compensatory afforestation :
Scheme.
- i) Details of non Forest area/degraded :
forest area identified for compensatory
afforestation forests, number of patches,
size of each patch.
- ii) Map showing non-forest /degraded :
forest area identified for compensatory
afforestation and adjoining forest
boundaries.

- iii) Detailed compensatory :
afforestation scheme including
species to be planted, implementing
agency, time schedule, cost structure
etc.
- iv) Total financial outlay for compensatory :
afforestation scheme.
- v) Certificates from competent authority :
regarding suitability of area identified
for compensatory afforestation and
from management point of view. (To
be signed by the concerned
Deputy Conservator of Forests).
- 11) Site inspection report of the DCF (to :
Be enclosed) especially highlighting
facts asked in Col. 7 (xi, xii), 8 & 9
above.
- 12) Division / District Profile. :
- i) Geographical area of the district. :
- ii) Forest area of the district. :
- iii) Total forest area diverted since :
1980 with number of cases.
- iv) Total Compensatory afforestation :
stipulated in the district / division
since 1980 on wards.
- a) Forest land including penal :
compensatory afforestation.
- b) Non-forest land :
- v) Progress of compensatory :
afforestation as on (date).
- a) Forest land :

b) Non-forest land :

13) Specific recommendations of :
the DCF for acceptance or
otherwise of the proposal with
reasons.

Signature

Name

Office Seal

Date :

Place :

PART-III

(To be filled by the Concerned Conservator of Forests)

- 14) Whether site, where the forest land :
Involved is located has been inspected
By concerned Conservator of Forests
(Yes /No). If yes, the date of inspection
& observation made in form of
Inspection note to be enclosed.
- 15) Whether the concerned conservator :
Of Forests are with the information
Given in Part-B and the
Conservator of Forests.
- 16) Specific recommendation of concerned :
Conservator of Forests for acceptance
or otherwise of the proposal with
detailed reasons.

Signature

Name

Office Seal

Data :

Place :

PART-IV

(TO BE FILLED IN BY THE NODAL OFFICER OR PRINCIPAL CHIEF
CONSERVATOR OF FORESTS OR HEAD OF THE FOREST DEPARTMENT)

- 17) Detailed opinion and specific ::
recommendation of the state Forest
Department for acceptance of other wise
Of the proposal with remarks (While
giving opinion the adverse comments
made by concerned Conservator of
Forests or Deputy Conservator of Forests
Should be categorically reviewed and
critically commented upon)

Signature
Name & Designation
(Official Seal)

Date :

Place:

PART-V

(To be filled in by the Secretary in charge of Forest Department or by any Other authorized officer of the State Government not below rank of any under Secretary)

18) **Recommendation of the State of Government :**

(Adverse Comments made by any officer of authority in Part-B or Part-C or Part-D Above should be specifically commented upon)

Signature

Name & Designation

(Official Seal)

Date:

Place:

(TRIPARTITE Memorandum of Understanding)

AMONG

Department of Telecommunications, Government of India

AND

Government of Andhra Pradesh

AND

Bharat Broadband Network Limited

MoUNo.NOFN/RoW-1

DATED 26.10.2012

MEMORANDUM OF UNDERSTANDING

Made on this 26th day of October, 2012 among

Department of Telecommunications, Government of India (hereinafter referred to as "**Central Government**") under the administrative control of Ministry of Communications & Information Technology having its office at Room no. 319, Sanchar Bhawan, Ashoka Road, Delhi - 110117 (hereinafter referred to as "**DoT**" which expression shall unless repugnant to the context or meaning thereof include its administrators, successors and assigns) of the **First Part**,

AND

Bharat Broadband Network Limited, a company incorporated under the provisions of the Companies Act, 1956 and having its registered office at Sanchar Bhawan, New Delhi (hereinafter referred to as "**BBNL**" which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) of the **Second Part**

AND

Government of Andhra Pradesh represented by the Secretary, Information Technology and Communications Department, Government of Andhra Pradesh Hyderabad (hereinafter referred to as "**State Government**") which expression shall unless repugnant to the context or meaning thereof includes its successors and assigns) of the **Third Part**.

WHEREAS the Central Government has proposed to establish an Optical Fiber based network for Broadband connectivity to Panchayats for Universal Services to rural population of the country and accordingly cabinet has approved vide cabinet memo no. 37/CM/2011(i) dated 28.10.2011 for creation of National Optical Fiber Network (hereinafter referred to as "**NOFN**") as a National Asset, for providing Broadband to Panchayats. The objective is to extend the existing optical fiber network to Panchayats by utilizing the Universal Services Obligation Fund (USOF) and creating an institutional mechanism for management and

operation of NOFN for non-discriminatory access to all service providers. WHEREAS the DOT intends to undertake the execution of the NOFN project (hereinafter referred to as the "Project") through creation of an SPV, the BBNL, on the terms & conditions contained in this agreement and Guideline for NOFN issued by Department of Telecommunications from time to time.

AND WHEREAS BBNL, the Execution Agency of the project will facilitate dissemination of information by Central/ State government for overall development of the state through creating and/ or upgrading the telecommunication/ information infrastructure in Gram Panchayat.

NOW IT IS HEREBY AGREED BY AND AMONGST THE PARTIES HERETO as follows:-

- 1.0 The Tripartite Agreement is signed between Government of India, Bharat Broadband Network Limited and Government of Andhra Pradesh for the implementation of project in letter and spirit.
- 2.0 The Central Government has approved the formation of Executing Agency vide cabinet approval no. 37/CM/2011(i) dated 28.10.2011 and vide letter no.4/4/2009-Policy-I(pt.) dated 16.11.2011 of Department of Telecommunications for implementation, operation and maintenance of the Project under administrative control of the Department of Telecommunications (DoT). BBNL has been formed and designated as Executing Agency.
- 3.0 Objectives of Project
The scope of work in project includes
 - a) connecting the gram panchayats of India on Optical fiber using the fiber(s) of other PSUs/TSPs and/or laying incremental fiber network for providing the broadband connectivity.
 - b) setting up of suitable telecom network on this national optical fiber network for enabling of various types of applications in the gram panchayats / villages.
 - c) operation and maintenance of this project in accordance with the Central Government /DoT guidelines;

Responsibilities of parties towards Installation, Operation and Maintenance of the Project

- 4.0 CENTRAL GOVERNMENT
 - 4.1 Central Government has formed a CPSU, BBNL, under the administrative control of Department of Telecommunications, Ministry of Communications and Information Technology as executing agency.
 - 4.2 The Central Government shall issue the guidelines and modalities of formulating/ implementing projects under the programme from time to time.
 - 4.3 The Central Government will finance the project through USO Fund.
 - 4.4 The Central Government through DoT/ High Level Committee shall monitor and review the implementation of the Scheme and BBNL will execute, monitor the

implementation and provide connectivity to State Govt. / Telecom service providers to roll out different types of telecom services.

- 4.5 The Central Government shall approve the guidelines for operationalisation of various components of the scheme including mechanism for payment of fees to Execution Agency.

5.0 BBNL, the execution agency

- 5.1 BBNL will provide the connectivity / Bandwidth on OFC media by tapping at suitable point of existing OFC of BSNL/ Railtel / PGCIL or by laying OFC.

- 5.2 BBNL will undertake all works related to laying of new Optical Fiber to reach Gram Panchayat. The work of reinstatement will be done in such a manner that best of the efforts should be made to bring the original position of the dug surfaces along the road side. Maximum efforts should be made to avoid the road cutting. HDD or Horizontal boring methods will be explored to cross the pacca road, if crossing is necessary, to minimize the damage of the road.

- 5.3 BBNL will coordinate with State Government for all activities related to Right of Way.

- 5.4 BBNL can further provide OFC based connectivity to any Telecom service Provider / Internet Service Provider/ any information based service provider in the rural area.

- 5.5 BBNL will bear the cost of space rented in Gram Panchayat Bhawan or any other location and also power consumed for the said purpose.

6.0 Union Territory/ State Government :

State Government/UT will act as a facilitator for providing NOFN services and will ensure the following

- 6.1 Designate a nodal department to coordinate with BBNL for implementation of NOFN Project in the State/Union Territory.

- 6.2 No RoW Charges including reinstatement charges will be levied by any State Government, their local bodies, companies or agencies as the information highway proposed to be created through National Optical Fiber Network for broadband connectivity to Panchayats is primarily for the benefit of the local communities to Panchayats and State Governments. This support will be considered as contribution of the State Government towards this project as a larger good for ensuring the time bound implementation of the programme and to avoid any delays in grant of RoW permission.

- 6.3 Electric Utilities (Transco/ Discoms) shall give Right of Way(RoW) on their transmission lines/ sub-transmission lines/ distribution lines free of cost to BBNL for installation of OPGW/ ADSS cable as may be suitable for extending connectivity to Gram Panchayats.

- 6.4 The State Government through its competent authority will issue blanket approval to BBNL authorizing it for laying OFC without further need of RoW permission under the

- State agencies & electric utilities in the State for the NOFN Project during installation as well as operation and maintenance phase i.e. life cycle of the project.
- 6.5 The blanket approval for RoW should be applicable to the all State Government agencies like Public Works Department***/ Railway Engineering Services/ Forest* / Municipality***/ Panchayat authorities / Electricity Boards** / Irrigation / Private Electricity Distribution Agency etc. as applicable.
- (* subject to adherence to provisions of Forest Conservation Act wherever applicable
** As per provision of Andhra Pradesh Electricity Regulatory Commission (APERC) regulations
*** As per Annexure to be consistent with telecom practices as specified by TEC and adopted by BBNL.)
- 6.6 **State Government**, will provide space and power at Gram Panchayat Bhawan or any other suitable location on cost basis for equipment placement and smooth operation of the NOFN project as required.
- 6.7 **State Government**, will provide unhindered access to BBNL's staff or its representative in Panchayat Bhawan or any other suitable location for operation/maintenance.
- 6.8 This agreement will be valid for operation and maintenance of the OFC Network.

7.0 **Advantage to State Government**

- 7.1 Panchayats are the constitutionally mandated 3rd tier of government and key institutions for local self government in the rural areas. Coverage of Panchayats with Broadband internet connectivity has a great potential for empowering rural masses by giving them access to information, public services including those of education, health and financial inclusion.
- 7.2 Bandwidth requirement for Panchayats will be higher due to sharing of connectivity and extensive use of audio / video applications
- 7.3 The network can be used for service delivery platform for payment, enrollment and registration for targeting benefits to BPL category, MNREGA, PDS, certificates for birth/ death/ income, land records and registration effectively and efficiently by electronic means.
- 7.4 State government can develop e-office for delivery of document management system, collaborative messaging, e-file, record management, project and task management, RTI, Parliament Questions, court cases, public grievances, inventory and stores, administration, Human resource, budget monitoring, circulars, events, notices, etc taking into consideration of Panchayats and rural citizen.
- 7.5 Other applications for the Panchayats are Government schemes, Planning, Management, Monitoring, Payments, Education, Health, Employment, Agriculture and Commerce.
- 7.6 Further with the help of central government standardized ICT Systems & Services state government can get robust & reliable National Network, improved efficiency & reduced costs, improved Centre-State co-ordination, improved co-ordination among states, sharing of best practices, better planning, visibility & monitoring of development, enhanced Cyber Security & Data Control, improved public service & delivery at Panchayats and improved productivity, efficiency & reduced cost.

8.0 Benefit to Panchayats.

- 8.1 Citizens resident in Panchayats' will get easy and convenient access to public services on education, health, security, employment, agriculture, banking, pension, transport, energy, legal, etc.
- 8.2 They will get access to and awareness on government schemes in a transparent manner and with transactions in real time, improved Government interface and enhanced Governance experience leading to citizen's empowerment.

9.0 Benefits to Government of India

- 9.1 Central Government will get standardized, secure, scalable, future proof & reliable National ICT Network & Systems, Re-engineered processes based on leading best practices, Robust & Reliable common National ICT infrastructure.
- 9.2 Central Government will be able to ensure efficient delivery of centrally sponsored schemes, enhanced access, transparency and accountability at Central & State information repository on people, places and programmes for improved planning, monitoring and implementation of Central Schemes and enhanced inputs for planning process at all levels,
- 9.3 Better Centre-State interface for information sharing and collaboration will improve public faith in the Government system as a whole and improved productivity, efficiency & reduced cost of the central schemes for welfare of citizen.

10.0 Confidentiality

All parties acknowledge the confidentiality of the information, which may be exchanged between the parties from time to time as being essential to this MOU and agree not to disclose the same to any outside party. However, each party shall be free to disclose such information as is:

- o Part of the public domain at the time of disclosure or
- o Required to be disclosed by official authorities in accordance with the applicable laws.

11.0 Arbitration and applicable law:

- 11.1 The parties hereby agree that any controversy, claim or dispute arising out of the interpretation, application or in connection with this MOU which cannot be resolved amicably, shall be referred to Secretary (Telecom), Govt. of India whose decision shall be final and binding on all parties. All disputes will be resolved as per the Government of India policies and applicable Indian Laws.
- 11.2 All three parties shall not use logos, trademarks and intellectual property of each other.

12.0 Force Majeure:

No failure or omission by either party to carry out or observe or perform any of the terms and conditions of this agreement shall give rise to any claim against such party


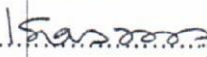
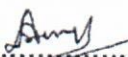
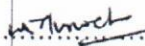

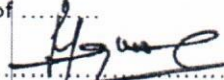
or be deemed a breach of this MOU if such failure or omission arises from an act of God, act or omission of Government, War or Military operation, accidents, national or local emergency, fire, lightning, explosion, flood, inclement weather, equipment failure or any other cause whether similar or dissimilar outside such Party's control.

13.0 **Validity:** This MOU shall come into force upon signature by all three parties and shall be valid for entire life cycle of the project.

14.0 **Termination**

14.1 This MOU can be terminated under extreme exigency conditions by the concerned parties under mutual agreement.

14.2 In case of war/hostilities, second party based on operational requirements towards national security can suspend the MOU by giving three months' notice to the first party and can resume the same at the end of the war/hostilities.

<p>SIGNED AND DELIVERED BY (on behalf of MINISTRY OF Communication & Information Technology Govt. of India)</p> <p>Signature </p> <p>Name & Designation Malay Srivastava Address PS (CT) DOT</p>	<p>in the presence of</p> <p>Signature </p> <p>Name & Designation I. S. SASTRY Address JK. Administrator, USOF Dept. of Telecom</p> <p>Sanchay Bhawan, New Delhi</p>
<p>SIGNED AND DELIVERED BY (on behalf of STATE GOVT. OF Andhra Pradesh)</p> <p>Signature  26/10/2012</p> <p>Name & Designation ANOOP SINGH, IFS Address SPECIAL SECRETARY, I.T. 2-BLOCK SECRETARIAT HYDERABAD</p>	<p>in the presence of</p> <p>Signature </p> <p>Name & Designation K. K. MINOCHA DDC BBWIF Address Dept. of Telecom Sanchay Bhawan, N Delhi</p>
<p>SIGNED AND DELIVERED BY (on behalf of BBNL.....)</p> <p>Signature  26/10/2012</p> <p>Name & Designation A.K. Bhargava Address DIX(CO), BBNL Sanchay Bhawan, New Delhi</p>	<p>in the presence of</p> <p>Signature  26.10.2012</p> <p>Name & Designation PRADHEEP KUMAR Address AGARWAL DIRECTOR (PLANNING) BBNL</p>

ANNEXURE-I

GUIDELINES TO BE FOLLOWED BY BBNL

1. The cable shall be laid at the edge of the right of way within 2m utility corridors.
2. The top of the casing conduit pipe containing the cables shall be at least 1.60m below the surface of the road subject to being at least 0.3m below the drain inverts.
3. The BBNL shall ensure making good the excavated trench for laying cables by proper filling and compaction, so as to restore the land in to the same conditions 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.
4. The BBNL shall shift the cables/ducts within 90 days from the date of issue of the notice by the R&B to shift/relocate the cables/ducts, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.
5. Regarding the location of other cables, underground installation/utilities etc, the BBNL shall be responsible to ascertain from the respective agency in coordination with R&B. The BBNL shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.
6. BBNL will give a letter of assurance/comfort to state governments and at the backend evolve a mechanism to prevent damage to existing underground utilities and in case of any damage will take steps to restore the same to original status in arrangement with its designated implementing agencies/contractors.
7. The BBNL has to cross the R&B road by horizontal drilling method (trenchless technology only). In case any damage is caused to the

road pavement in this process, the BBNL will be required to restore the same to the original condition at its own cost.

8. Existing CD works shall not be allowed for laying the OFC and shall be crossed by HDD method only.
9. No trenching will be done on pucca road, boring method will be used in pucca road and cable will be laid at the extreme edge of the road in the non-BT surface only.
10. The permission granted shall not in any way be deemed to convey to the BBNL any ownership right or any interest in route/road/highway/land/property, other than what is expressly granted in the MoU.
11. The BBNL shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
12. If any traffic diversion works are found necessary during the working period, such diversion shall be provided at the cost of BBNL.
13. If R&B is required to do some emergent work, the BBNL will provide an observer within 24 hours. R&B will not be responsible for any damage of any kind by what so ever means natural or otherwise.

JUSTIFICATION FOR LOCATING THE PROJECT


NOFN Project is an initiative of Govt. of India to connect Gram Panchayaths across the country by laying incremental Optical Fibre Cable from Telephone Exchange.

The area requested for the laying of the OFC is the bare minimum considering the requirements and also considering the safety of cables so laid. Since the Telecommunication cables also carry the communication from the government offices , Defence and Strategic establishments, and from the differential industrial organizations apart from the general public, for the safety and confidentiality of the conversation so made it is not advisable to lay such important cables on the private land belonging to different parties.

The cable alignment will be suitable diverted to avoid any cutting of trees and laid within the road land boundary by excavating a narrow trench of 45 cms width. The same strip of trench will be reinstated to its original condition. It is also intimated that no structure will be erected on the cable route.

Place: Visakhapatnam

Date:


Sr. General Manager
Bharat Broadband Network Limited
State Head (AP)
VISAKHAPATNAM

वरिष्ठ महाप्रबंधक (ओ&एम) / Sr. General Manager (O&M)
भारत ब्रोडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
भारत सरकार का उपक्रम / (A Government of India Undertaking)
सत्तम्मधारा - / Seethammadhara
विशाखपट्टणम / Visakhapatnam

EXECUTION OF NATIONAL OPTICAL FIBER NETWORK (NOFN) PROJECT,
PHASE-I, ANDHRA PRADESH STATE.

Objectives and Scope

- M/s Bharat Broadband Network Ltd. (BBNL) has taken up Laying of optical Fiber cable in Narsipatnam forest division, Vishakhapatnam District, Andhra Pradesh State as per the directive of the Government of India.
- Government of India has approved National Optical Fiber Network (NOFN) project to connect 2, 50,000 GPs across the country, utilizing existing PSU's infrastructure of BSNL, POWERGRID & RAILTEL by laying incremental fiber required to create the network.
- A tripartite agreement is signed between Department of Telecommunication GOI, BBNL and A.P. State Govt. earlier, Govt. of Andhra Pradesh issued a GO No: 18 dated 17.10.13 for free Right of Way permission to M/s BBNL for laying OFC along State Highways & Roads. Now the Information technology and Communications department of Govt. Of Telangana has issued a letter Lr.No.10-9/ITE&C/COMM/NOFN/2014/12, Dated: 15-12-2014, for free ROW permission for Execution of NOFN by Power grid Corporation Of India Limited on behalf of BBNL.

Need of the Project


- State Government panchayats are the constitutionally mandated 3rd tier of government and key institutions for local self-government in the rural areas. Coverage of panchayats with Broadband internet connectivity has a great potential for empowering rural masses by giving them access to information, public services including those of education, health and financial inclusion.
- The network can be used for service delivery platform for payment, enrollment and registration for targeting benefits to BPL category, MNREGA, PDS, certificates for birth/death/income, land records and registration effectively and efficiently by electronic means. State government can develop e-office for delivery of document management system.

Salient Features:

- Benefits to Panchayats and citizens in panchayats will get easy and convenient access to public services on education health, security, employment, agriculture, banking, pension, transport, energy, legal etc.
- This Project covers Vishakhapatnam all the Mandals.

Place: Visakhapatnam

Date:


Sr. General Manager
Bharat Broadband Network Limited
State Head (AP)
VISAKHAPATNAM

BHARAT BROADBAND NETWORK LIMITED
(A Govt. of India Enterprise)

TO WHOM SOEVER IT MAY CONCERN

This is to certify that **Sh. Palivela Raju**, State Head & Sr. General Manager, M/s BBNL., Visakhapatnam is hereby authorized to apply, sign, verify and deliver the requisite applications, forms, undertakings and all other relevant documents to the concern authorities in respect of the forest clearance proposal for laying of optical Fiber Cable under Execution of National Optical Fiber Network (NOFN) project, Phase-I, in Andhra Pradesh on behalf of M/s BBNL.

Place: Visakhapatnam

Date:



Authorized Signatory
For M/s BBNL

यरिण्ट महाप्रबन्धक (ओ&एम) / Sr. General Manager (O&M)
भारत ब्रॉडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
(भारत सरकार का उपक्रम) / (A Government of India Undertaking)
सलम्मधारा / Seethammadhara
विशाखपट्टणम / Visakhapatnam

**UNDERTAKING TO PAY NET PRESENT VALUE & ADDITIONAL NET
PRESENT VALUE OF FOREST LAND**

We undertake to pay Net Present Value (NPV) and Additional Net Present Value (Additional NPV) of the forest lands to be diverted for, as per orders of the State Government/ Government of India and Honorable Supreme Court in this regard, and when the demand is raised by forest Department, if any.

Place: Visakhapatnam

Date:



Sr. General Manager
Bharat Broadband Network Limited
State Head (AP)
VISAKHAPATNAM

वरिष्ठ महाप्रबंधक (ओ&एम) / Sr. General Manager (O&M)
भारत ब्रॉडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
(भारत सरकार का उपक्रम) / (A Government of India Undertaking)
सतम्भधारा / Seethammadhara
विशाखपट्टणम / Visakhapatnam

CERTIFICATE FOR COMPENSATORY AFFORESTATION

We hereby certify that, we are willing to beat the cost of rising and maintenance of Compensatory Afforestation in any of the degraded forest land if any as per scheme prepared by State Forest Department and escalation charges, if any.

Place: Visakhapatnam

Date:



Sr. General Manager
Bharat Broadband Network Limited
State Head (AP)
VISA KHAPATNAM

वरिष्ठ महाप्रबंधक (ओ&एम) / Sr. General Manager (O&M)
भारत ब्रॉडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
(भारत सरकार का उपक्रम) / (A Government of India Undertaking)
सहस्रधारा / Seethammadhara
विशाखपट्टणम / Visakhapatnam

CERTIFICATE FOR BARE MINIMUM

We hereby certify that the forest land proposed for diversion for the proposed project is the barest minimum area for the purpose for which it is proposed. I also certify that we will not shift to any area other than the area as mentioned in the proposal. Further, I also certify that no suitable private or Government non-forest land is available at the site, if any.

Place: Visakhapatnam

Date:

Sr. General Manager
Bharat Broadband Network Limited
State Head (AP)
VISA KHAPATNAM

वरिष्ठ महाप्रबंधक (ओ&एम) / Sr. General Manager (O&M)
भारत ब्रॉडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
(भारत सरकार का उपक्रम) / (A Government of India Undertaking)
सहस्रमधारा / Seethammadhara
विशाखपट्टणम / Visakhapatnam

CERTIFICATE FOR PAYMENT OF EXTRACTION CHARGES

We hereby certify that, we are willing to bear the cost of extraction charges of tree growth to be felled in the area proposed for diversion, as and when demanded by State Forest Department and escalation charges, if any.

Place: Visakhapatnam

Date:



Sr. General Manager
Bharat Broadband Network Limited
State Head (AP)
VISAKHAPATNAM


वरिष्ठ महाप्रबंधक (ओ&एम) / Sr. General Manager (O&M)
भारत ब्रॉडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
(भारत सरकार का उपक्रम) / (A Government of India Undertaking)
सतम्भधारा / Soethammadhara
विशाखपट्टणम / Visakhapatnam

CERTIFICATE ON NON VIOLATION OF FOREST CONSERVATION ACT

Certified that no violation of the said provisions of Forest Conservation Act 1980 occurred in the said area.

Place: Visakhapatnam

Date:


Sr. General Manager
Bharat Broadband Network Limited
State Head (AP)
VISAKHAPATNAM

वरिष्ठ महाप्रबंधक (ओ&एम) / Sr. General Manager (O&M)
भारत ब्रॉडबैंड नेटवर्क लिमिटेड - / Bharat Broadband Network Limited
(भारत सरकार का उपक्रम) / (A Government of India Undertaking)
सतम्भधारा - / Seethammadhara
विशाखपट्टणम / Visakhapatnam

DETAILS OF FOREST AREA INVOLVED									
S.No	LAYING OF OFC FROM GP-GP	DIVISION	Reserve Forest	RANGE	Block/Beat	COMP_NO	Length(km)	Width (mts)	Area (Ha)
1	Balapa GP-Nimmanapadu Jn GP	Narsipatnam	Sileru	Lothugedda	Balapam	1111, 1112, 1114 & 1020	11.111	0.45	0.50
2	Gummarevula GP - Darakonda GP	Narsipatnam	Sileru	Sileru	Kondajartha Beat & Sadigunta Beat	1528, 1529,1534,1535, 1538,1539, 1556, 1557 71064	23.333	0.45	1.05
3	Darakonda GP - Duppilavada GP	Narsipatnam	Sileru	Sileru	Duppulawada & Dharakonda Beat	1064,1067 & 1555	8.889	0.45	0.40
4	Duppilavada GP - Sileru BSNL Exchange	Narsipatnam	Gudem RF	Sileru	Sileru Beat & Duppulawada Beat	1548,1549,1551 & 1554 and 1067	11.556	0.45	0.52
5	A Darakonda GP - Galikonda Jn	Narsipatnam	Sileru	Sileru & R V Nagar	Dharakonda Beat, Sapparala Beat and Lankapakalu Beat	1084,1059 and 1054,1057,1058 and 1565, 1567	6.000	0.45	0.27
6	Galikonda GP - Galikonda Jn	Narsipatnam	Gudem RF	R V Nagar	Lankapakalu Beat	1566,1568 & 1569	7.556	0.45	0.34
7	Galikonda Jn - G K Veedhi T/E	Narsipatnam	Sileru	Sileru & R V Nagar	Lankapakalu Beat and Sapparala Beat	1567,1569,1477, 1478,1480 and 1049, 1050	18.889	0.45	0.85
8	Budaralla GP - Marriwada GP	Narsipatnam	Pedavalasa	K D Peta	Koyyuru	1301 & 1303	7.333	0.45	0.33
				Total			43.333		4.26

Sr. General Manager
Bharat Broadband Network Limited
State Head (AP)
VISAKHAPATNAM

परिचय नमस्त्रयंक (ओडीएन) / Sr. General Manager (O&M)
भारत ब्रोडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
(भारत सरकार का उपक्रम) / (A Government of India Undertaking)
सहस्रमधारा / Seethammadhara
विशाखपट्टणम / Visakhapatnam

DETAILS OF SURVEY INSTRUMENTS USED

S.No	Name of the Agency	Instruments used	Persons involved	Period of Survey
1	M/s Remote Sensing Instruments, Hyderabad	LEICA	Forest Dept officials and survey team	Nov-Dec 2020

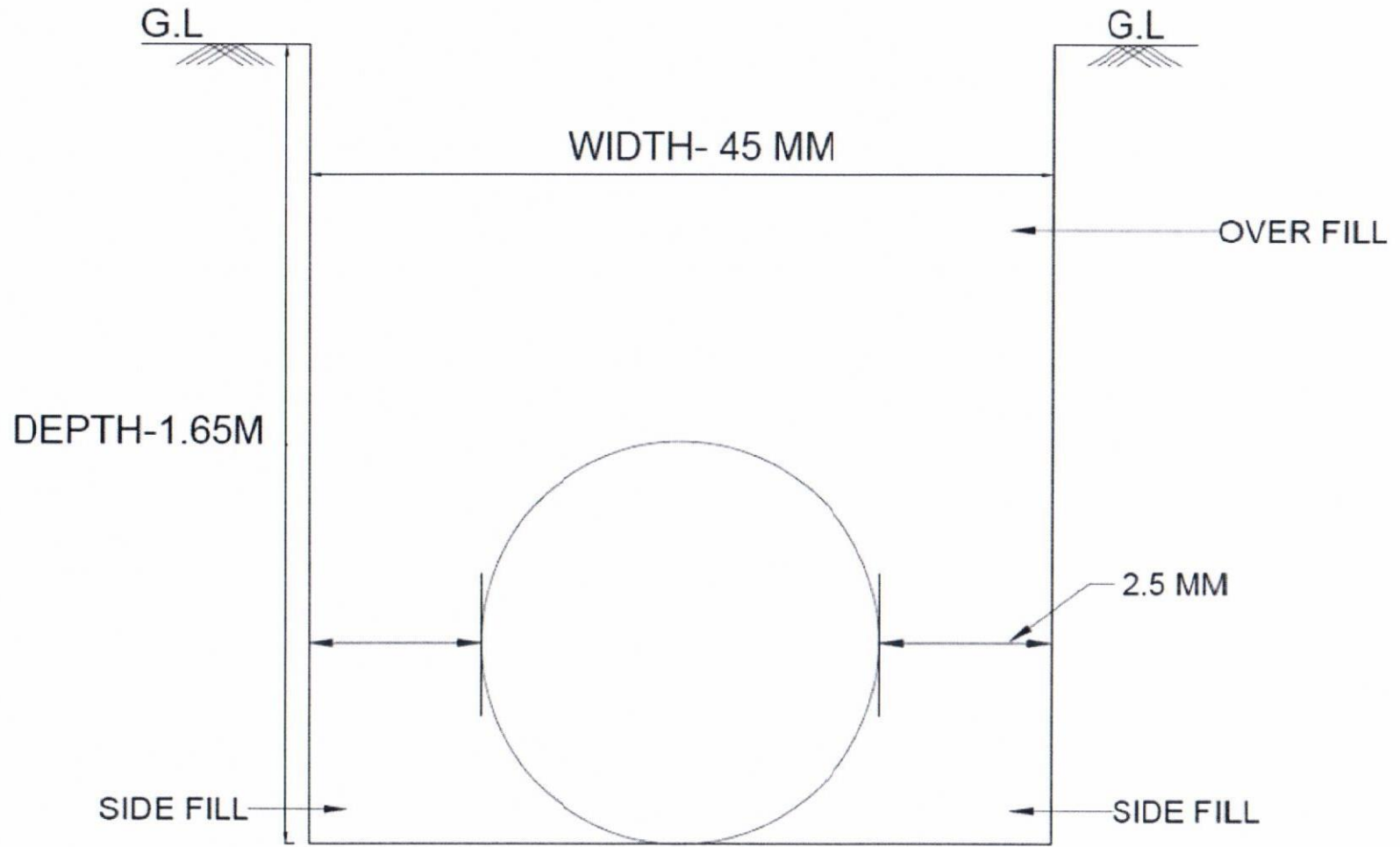
Sr. General Manager

Bharat Broadband Network Limited

State Head (AP)

वरिष्ठ महामबंघक (ओ&एम) / Sr. General Manager (O&M)
भारत ब्रॉडबैंड नेटवर्क लिमिटेड / Bharat Broadband Network Limited
भारत सरकार का उद्योग / (A Government of India Undertaking)
सतम्मधारा / Seethammadhara
विशाखपट्टणम / Visakhapatnam

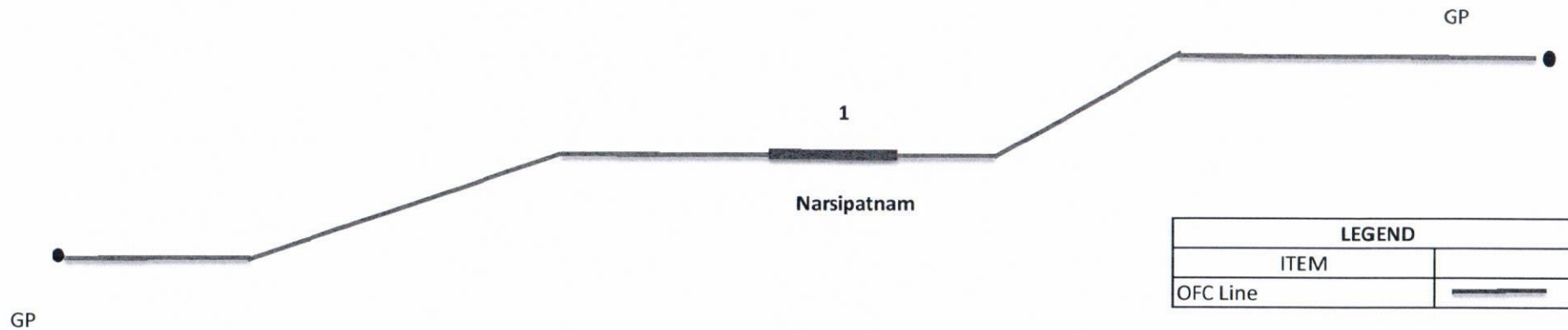
EXECUTION OF NATIONAL OPTICAL FIBER NETWORK (NOFN) PROJECTMAP SHOWING PIPELINE
CROSS-SECTION IN FOREST AREA OF Vishakhapatnam DISTRICT




HDPE PIPE DETAIL
(40 MM)

SAMPLE FLOW DIAGRAM

Bharat Broadband Network Limited - Narsipatnam Block, Dist: Vishakhapatnam



LEGEND	
ITEM	
OFC Line	

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

Rc.no.EFS02-15026/8/2020- FCA- SEC
PCCF/FCA-3,
Dated:22/03/2021

Office of the Prl. Chief Conservator of
Forests &
Head of Forest Force, Andhra Pradesh,
Nagarampalem, Guntur -522004.

**Sri N. Prateep Kumar, I.F.S.,
Prl. Chief Conservator of Forests &
Head of Forest Force**

Sub:APFD - F(C)Act, 1980 - Proposal for diversion of forest land in
- Narsipatnam Division for laying of OFC to provide connectivity of Grama
Panchayats covered under Bharat Net Project in f/o GM (O&M) BBNL,
Visakhapatnam - DGPS survey completed - Submitted for verification and
authentication - Verification report forwarded - Reg.

Ref: 1. PCCF & HoFF, A.P., Guntur Rc. no. EFS02 -15026/8/2020- FCA-
SEC PCCF/FCA-1, dated: 06.08.2020.
- 2. CF, Visakhapatnam Rc. no. 2017/2020/TO, dated: 01.02.2021.

It is informed that, the DGPS surveyed raw data & maps received in the
reference 2nd cited for verification and authentication in connection with
diversion of forest land in Narsipatnam Division for laying of OFC to provide
connectivity of Grama Panchayats covered under Bharat Net Project in f/o GM
(O&M) BBNL, Visakhapatnam has been verified, authenticated and the areas are
as follows.

Sl. no	Name of the proposal	Area assessed (in ha.)
1	Diversion of forest land for OFC route along the road from Balapam GP to Naimmanapadu Jn. in compartment no. 1111, 1112, 1114 & 1025 of Sileru RF, Palapam Beat, Lothugedda Range, Narsipatnam Division	0.50
2	Diversion of forest land of OFC route along the road from Gummarevula GP to Darakonda GP in compartment no. 1528 of Gudem RL, Kondajartha Beat, compartment no.1529, 1534,1535,1538,1539 of Gudem RL, Sadigunta Beat compartment no. 1556, 1557, Gudem RF of Dharakonda Beat and compartment no. 1064, Gudem RL of Duppulawada Beat, Sileru Range, Narsipatnam	1.05
3	Diversion of forest land for OFC route along the road from	0.40

	Darakonda GP to Duppilavada GP in compartment no.1066, 1067, Sileru RL and compartment no.1064 of Gudem RL, Duppulawada Beat and compartment no. 1555, Gudem RL of Dharakonda Beat of Sileru Range, Narsipatnam Division	
4	Diversion of forest land for OFC route along the road from Duppilivada GP to Sileru BSNL Exchange in compartment no.1548, 1549, 1551 & 1554, Gudem RF and compartment no. 1069, Sileru RL of Sileru Beat and compartment no.1067, Sileru RL of Dupplulawada Beat, Sileru Range, Narsipatnam Division	0.52
5	Diversion of forest land for OFC route along the road from A. Darakonda GP to Galikonda Jn. in compartment no.1084, 1059, Sileru RL, A. Dharakonda Beat, Sileru Range and compartment no. 1054, 1057, 1058, Sileru RF, Sapparla Beat and cinoartment no. 1565, 1567, Gudem RL, Lankapakalu Beat, R.V. Nagar Range, Narsipatnam Division	0.27
6	Diversion of forest land for OFC route along the road from Galikonda GP to Galikonda Jn. In compartment no. 1566, 1567, 1568, 1569 of Gudem RL, Lankapakalu Beat, R.V. Nagar Range, Narsipatnam	0.34
7	Diversion of forest land for OFC route along the road from Galikond Jn. To GK Veedhi T/E in compartment no. 1567, 1569, 1477, 1478, 1480, Gudem RL and compartment no. 1053, 1050, Sileru RL of Lankapakala Beat and compartment no. 1049, 1050 Sileru RF, Sapparla Beat of R.V. Nagar Range, Narsipatnam Division.	0.85
8	Diversion of forest land for OFC route along the road from Budaralla GP to Marriwada GP in compartment no. 1301, 1303, Pedavalasa RF, Koyyuru Beat of K.D. Peta Range, Narsipatnam Division.	0.33

In this regard, the Divisional Forest Officer, Narsipatnam is requested to verify the same with the Gazette notification of the RF block and supply the authenticated maps to the user agency duly signing on the maps, and by collecting an amount of ₹ 24,000/- by way of Demand Draft in f/o Forest Utilization Officer, Andhra Pradesh, Guntur towards user charges as per circular instructions issued in PCCF & HoFF, A.P., Guntur Rc.no.24529/2006/M&E-1 (IT-1), dated: 18-01-2016 and submit the same to Forest Utilization Officer, O/o Prl. Chief Conservator of Forests & Head of Forest Force , A.P., Guntur under intimation to this office.

Encl:- As above

N Prateep Kumar
Prl. Chief Conservator of Forests &
Head of Forest Force

To

The Divisional Forest Officer, Narsipatnam.

Copy to the Conservator of Forests , Visakhapatnam for information.

Copy to the Sr. General Manager (O&M), Bharat Broadband Network Ltd., (BBNL), 2nd floor, BSNL Telephone Exchange, Seethammadhara,

File No.EFS02-15026/8/2020-FCA SEC-PCCF

Visakhapatnam- 530022. He is requested to pay an amount of ₹24,000/- by way of Demand Draft in f/o Forest Utilization Officer, Andhra Pradesh, Guntur towards user charges as per circular instruction issued in PCCF & HoFF, A.P., Guntur Rc. no. 24529/2006/M&E-1 (IT-1), dated : 18-01-2016 for supply of authenticated maps.

Copy to the Forest Utilization Officer, O/o Prl. Chief Conservator of Forests & Head of Forest Force , A.P., Guntur for information and necessary action.

Signed by N Prateep Kumar
Date: 22-03-2021 23:24:26
Reason: Approved