



Lr.no.GM/BBNL/Bangalore/NOFN- Survey/TS/45

Dated: 23-05-2014

To  
The General Manager (CFA), NOFN Coordinator  
O/o CGM ,BSNL, KTK Circle,  
Bangalore.

**Sub: Technical Sanction for NOFN Survey of Chincholi block in Gulbarga Dist.**

Technical Sanction Final is hereby issued in respect of survey report of NOFN project submitted by **GMT Gulbarga** for Block **Chincholi**.

The observations on all 7 blocks of Gulbarga District was informed vide BBNL Letter No GM/BBNL/Bangalore/NOFN-survey/2 Dated 06/06/2013 and Technical sanction provisional was accorded to all blocks of Gulbarga District vide letter No GM/BBNL/Bangalore/NOFN-survey/25 Dated 18/09/2013 in order to expedite the tender.

Since the reply on design was of general nature and further by mapping the points to google earth it was suggested to keep the splitters at various locations for which SSA has agreed.

The details of the main parameters derived from survey report and L-14 diagram for the **Chincholi** block is given in the Annexure

The block comprises of **32** GP's and avg. incremental length is **2756 mtr** per GP. Soil strata classification and figures in meters compiled in the survey report are based on visual inspection and past experience of BSNL officers who have prepared this report. This technical sanction acknowledges the fact that actual classification and distances of soil strata will be known and operated upon only during actual execution of the project. Similarly, it is acknowledged that bill of materials submitted with the survey report may undergo changes as per actual situations arising at the places of installation and as per specifications of equipments available at the time of installation of the project. This sanction does not cover the optimization of OLT placement and splitter design.

• The following points further action are to be taken by BSNL before actual execution. The action taken in compliance to these points are to be reported to BBNL in writing as well as upload in Primavera.



**Observations on Chincholi Block :**

1. The latitude and longitude details of the OLT location, intermediate tapping points and splitter locations should be given for the entire block. At present the lat long details are provided only for the GP and its nearest FPOI.
2. The latitude and longitude details of all the GPs and its FPOI should be given in degree-decimal format having six digits after decimal for proper accuracy as per the survey guide lines issued by BBNL.
3. The loss declared for the existing cables in the data sheet should be verified and entered correctly as it will have effect on the link budget.
4. Salgar Basanthpur GP: AS per L14 diagram, the incremental length is shown as 9 Km, but in the NIC map the existing cable is at 0.5 Km from the GP.
5. **For the following GPs the lat long of GPs showing at different location and it should be corrected**  
Chimanchod GP
6. **For the following GPs the lat long of FPOIs showing at different location and it should be corrected**  
Karajkheda GP, Venkatapur GP
7. **For the following GPs the lat long of FPOI & GPs showing at different location and it should be corrected.**  
Chimmaidlai GP, Anwar GP, Kanakapura GP,



# BHARAT BROADBAND NETWORK LIMITED

Corporate Office:  
3rd Floor, C-DOT Campus  
MandiGaon Road  
Chhatarpur, New Delhi - 110030

- Sanctioned Estimate copy.
- Three sets of Hard copies of revised reports by incorporating the above observations.

The above observations are conveyed to GM (NWP-CFA), BSNL, Karnataka vide  
ltr No: Lr.no.GM/BBNL/Bangalore/NOFN- Survey/ Dated: 21-05-2014

The .shape files required of the routes to be submitted after execution of the work.

This is being issued with approval of competent authority.



N. Janardhan

GM (Projects), PMU Karnataka  
BBNL, Bangalore.

Encl: Annexure

- Copy to :
1. CGM (SZ), BBNL Chennai
  2. GM (NOFN) BSNL, New Delhi
  3. GM(PC-II), BBNL, New Delhi

~~Annexure~~





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## Annexure

The details of the main parameters derived from **Chincholi** block survey report and L-14 diagram for the block is given below and these parameters may change slightly after incorporating the above observations in the survey report.

Block Name: Chincholi

Dist Name : Gulbarga

Sl.No	Parameter	Quantity	Unit	Remarks
1	Total Gram Panchayats Planned	32	Nos	
2	Gram Panchayats left out (if any)	nil	Nos	
3	Total Incremental OF cable length		Meters	
	a) Buried (Normal) OF cable laying	88205	Meters	Trench length
	b) Arial OF cable laying	Nil	Meters	
4	Average Incremental OFC/GP	2756	Meters	
5	Type of Soil			
	a) Kachha		Meters	SSA/STP have followed the SOR of BSNL for soil strata as conveyed by BBNL ltr no: BBNL/CGM plg/OFC laying/SOR/2013/ 179 dt:11.10.13
	b) Pacca		Meters	
	c) Rocky		Meters	
6	HDD length (estimated)	265	Meters	
7	HDD length as % of total length	0.9		
8	Existing OFC Length proposed to be Used	265500	Meters	
9	Straight Joint Closer (SJC)	44	Nos	
10	Branch Joint Closer (BJC)	32	Nos	
11	Splitters Planned			
	a) Splitter 1:2	11	Nos	
	b) Splitter 1:4	02	Nos	
	c) Splitter 1:8	Nil	Nos	
12	Fibre Termination Box (FTB) 24F (1 per GP)	32	Nos	
13	FDMS 24F (1 at each OLT location)	02	Nos	
14	Patch Cords (4 nos. per GP)	128	Nos	
15	ONTs Planned	32		
16	OLTs Planned	02		