

No. BSNLCO-CNO/11(13)/1/2026-CNO

Dated 31/07/2026

To

All Chief General Managers,
BSNL Telecom Circles, CN-Tx Circles & Metro Telecom Districts.

Subject: Revision of Policy Guidelines for Outsourcing of Optical Fibre Cable (OFC) Maintenance – Implementation Thereof.

Under the existing BSNL Policy Guidelines (BA wise) for Outsourcing of OFC Maintenance, maximum 35% of total OFC Route Kilometres of CN-Tx Circles & maximum 40% of total OFC Route Kilometres (RKM) of Territorial Circles & Metro Telecom Districts was permitted. Further, the above outsourcing limits were including the OFC RKM being maintained by FMAs/PIAs of BharatNet.

With the approval of the competent authority, the Policy Guidelines for Outsourcing of OFC Maintenance has been revised & shall be come into force with immediate effect.

The revised policy has been formulated with the objective of enhancing operational flexibility, improving network reliability, optimizing utilization of maintenance resources, and facilitating efficient management of BSNL's OFC infrastructure while maximizing revenue from dark fibre leasing. The policy also aligns the maintenance framework with the operational requirements of the Amended BharatNet Programme (ABP).

2. The salient features of the revised policy are summarized below:
 - i. **Business Area (BA) as the maintenance unit:** Each Business Area shall either be maintained entirely through outsourcing or entirely through in-house resources. Partial outsourcing within a BA shall not be permitted.
 - ii. **Revised outsourcing ceiling:** The outsourcing ceiling has been revised to permit outsourcing of **up to 100% of the OFC Route Kilometres.**
 - iii. **Maintenance of BharatNet leased OFC:** OFC leased to BharatNet under BSNL ABP packages shall continue to be maintained through the respective Project Implementation Agencies (PIAs) as per the existing implementation framework. In State-led model Circles, the OFC leased to BharatNet shall continue to be maintained by BSNL. However, CN-Tx OFC routes carrying ultra high traffic shall continue to be maintained by BSNL to ensure seamless end-to-end network operations.
 - iv. **Integrated BA-wise maintenance:** CN-Tx OFC routes within a Business Area shall be included in the BA-wise integrated OFC maintenance contracts. However, ownership, technical supervision, monitoring, certification of works, and acceptance of maintenance activities pertaining to CN-Tx assets shall continue to remain with the respective CN-Tx Circle.

CGMs of the Circles/Metro Districts are authorized to float BA-wise Combined Maintenance tenders for a period of **two (2) years.**

CGMs of the Telecom Circles/ Metro Districts are authorized to revise the Circle-wise/ BA-wise tentative quantities of individual SOR items, based on actual field assessments, local operational requirements and geographical conditions, without altering the overall scope of work, while it may be ensured that the tender is floated within the approved Circle Budget allocations.

The BA wise standard tender document (copy attached as Annexure-I) shall serve as the template for all Telecom Circles and Metro Districts. CGMs are authorized to customize the scope of work based on local requirements and operational conditions before floating the tender.

- The unit rates for the O&M of the OFC/Transmission Network, O& M of Power Infra, Operation & Maintenance of BTS sites and Diesel filling at DG Sites are attached in Annexure-II.
 - Circle wise OFC RKM proposed to be outsourced for O&M is attached in Annexure-III.
 - Circle wise approved budget for OFC O&M for a period of two years is attached as Annexure-IV.
 - Circle wise total approved budget for combined O&M and CAPEX for OFC rehabilitation/patch work is enclosed in Annexure-V.
- v. **Operational discretion to CGMs:** Chief General Managers is authorized to decide, based on local operational requirements, manpower availability and field conditions, whether a Business Area shall be maintained through outsourcing or through in-house resources. While exercising such discretion, Circles shall ensure that the uptime of BTSs and OLTs is maintained at **not less than 98%** and that all decisions are properly documented.
- vi. **Transitional provisions:** Circles where BA-wise integrated BTS and OFC maintenance tenders have already been floated, finalized, or awarded prior to the issuance of these guidelines shall continue to be governed by the existing contractual provisions until fresh tenders are issued. However, the CGM may, wherever operationally justified and in accordance with the applicable contractual provisions, decide to continue or short-close the existing contracts after due assessment of SLA performance and operational requirements.

All Circle Heads are requested to take necessary action for their effective implementation. While implementing the revised policy, due emphasis shall be placed on maintaining high network availability, ensuring timely fault restoration, optimizing maintenance expenditure and improving overall service quality.

Difficulties, if any, in the implementation of these guidelines may be brought to the notice of this office for examination and suitable clarification.

This issues with the approval of the competent authority.

Encl. A/A


Anil Kumar
31/07/26
GM (CNO)

Annexure-II

1. Unit Rate for O&M of the OFC/Transmission Network				
S.No.	Item Description	Unit	Rate/Month (Excluding GST)	Total Approved Amount for Two years. (In Rs. Cr.) (Excluding GST)
1.1	Cost of the OFC O&M	Km	Circle wise rate List available in Annex-III	882.03
1.2	Cost of the material for O&M	Km/month	48	70.56
1.3	Expenditure for First Line mtce	Location/month	500	102.78
1.4	Supply & installation of precast RCC joint chambers (6 Cuts/ Month/1000 Km)	Number/month	3000	26.46
Total				1081.86

2. Unit Rate for O&M of the BTS Site			
2	Site/Tower O&M	Unit	Rate/Month (Excluding GST)
2.1	AC preventive and corrective mtcs (At Existing Sites having Acs)	/site/month	500
2.2	Site Upkeep as per Scope of works	/site/month	1600
2.3	Specialized & Rigger works including Mini link maintenance	/site/month	190
2.4	L1 site maintenance engineering service as per the scope of work	/site/month	800

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3.Unit Rate for O&M of the Power Infra			
S.N	Item Description	Unit	Rate/Month (Excluding GST)
3	Power Infra O&M		
3.1	Upto<= 2.5 KW		
a.	URBAN	/site/month	541
b.	RURAL	/site/month	670
3.2	> 2.5 KW to <= 5.0 KW		
a.	URBAN	/site/month	615
b.	RURAL	/site/month	744
3.3	> 5.0 KW to <= 7.5 KW		
a.	URBAN	/site/month	733
b.	RURAL	/site/month	906
3.4	> 7.5 KW to <= 10.0 KW		
a.	URBAN	/site/month	807
b.	RURAL	/site/month	906

4.Unit Rate for Diesel Filling at DG Site			
4	Diesel Filling	Unit	Rate/Month (Excluding GST)
4.1	Diesel Filling at DG Site	/site/month	500

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Annexure-III

NAME OF CIRCLE	Circle OFC RKM	CN-Tx OFC RKM	TOTAL OFC RKM	Total OFC RKM (First Fiber) Leased-out to BharatNet	CN Tx OFC RKM (First Fiber) Leased-out to BharatNet to be maintained by the BSNL	Circle OFC RKM (First Fiber) Leased-out to BharatNet to be maintained by the PIA	Net Circle OFC RKM proposed to be outsourced for maintenance	Net Circle and CNTx OFC RKM proposed to be outsourced for maintenance
A	B	C	D=B+C	E	F	G=E-F	H=B-G	I=D-G
Andaman & Nicobar	712	328	1040	30	0	30	682	1010
Andhra Pradesh	21010	16485	37495	0	0	0	21010	37495
Assam	7404	5445	12849	3324	125	3199	4205	9650
Bihar	12594	8112	20706	5664	335	5329	7265	15377
Chhattisgarh	14513	7234	21747	3544	590	0	14513	21747
Gujarat	26708	13628	40336	2819	1836	0	26708	40336
Haryana	17775	5778	23553	8023	1172	6851	10924	16702
Himachal Pradesh	5617	5008	10625	115	35	80	5537	10545
J&K	5389	3462	8851	308	14	294	5095	8557
Jharkhand	6953	7115	14067	3624	1110	0	6953	14067
Karnataka	41016	22216	63232	33160	7663	25497	15519	37735
Kerala	24910	6831	31740	7431	611	6820	18090	24920
MP	33842	17766	51608	15616	1628	13988	19854	37620
Maharashtra	55924	28761	84685	31618	5198	0	55924	84685
North East-I	2285	2903	5189	623	250	373	1912	4816
North East-II	2342	2474	4816	190	102	88	2254	4728
Orissa	19548	8629	28177	5971	919	5052	14496	23125
Punjab	16303	10847	27150	7480	1373	6107	10196	21043
Rajasthan	31525	17198	48723	27543	7503	20040	11485	28683
Tamil Nadu	32410	15771	48182	344	0	0	32410	48182
Uttarakhand	6521	4385	10906	1699	396	1303	5218	9603
UP (E)	31656	12251	43907	6343	295	6048	25608	37859
UP (W)	14471	8406	22877	6264	502	5762	8709	17115
West Bengal	13943	6882	20824	8795	1247	7548	6395	13276
Kolkata TD	5858	215	6073	432	0	432	5426	5641
Chennai TD	7718	882	8600	0	0	0	7718	8600
Telangana	20982	7886	28867	2659	1016	0	20982	28867
Sikkim	443	97	540	0	0	0	443	540
Total	480369	246996	727365	183619	33920	114841	365528	612524

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Annexure-IV

NAME OF CIRCLE	Net Circle and CNTx OFC RKM proposed to be outsourced for maintenance (in RKM)	OFC O&M Rate per Km per annum in Rs. (Excl GST)	Estimated Cost of the OFC O&M for 2 Years (Excl. GST) (Rs. In Cr.)	Estimated Cost of the material for O&M for 2 Years (Excl. GST) (Rs. In Cr.)	Estimated Cost for First Line mtce for 2 Years (Excl. GST) (Rs. In Cr.)	Estimated Cost for Supply & installation of precast RCC joint chambers for 2 Years (Excl. GST) (Rs. In Cr.)	Total Approved OPEX for OFC O&M in Rs. Cr for 2 years (Excl GST)
			1.1	1.2	1.3	1.4	
A & N	1010	8900	1.80	0.12	0.43	0.04	2.39
Andhra Pradesh	37495	7200	53.99	4.32	6.92	1.62	66.85
Assam	9650	7500	14.47	1.11	1.51	0.42	17.51
Bihar	15377	6900	21.22	1.77	1.98	0.66	25.63
Chhattisgarh	21747	6900	30.01	2.51	1.98	0.94	35.44
Gujarat	40336	6900	55.66	4.65	6.05	1.74	68.1
Haryana	16702	6900	23.05	1.92	2.84	0.72	28.53
H P	10545	7700	16.24	1.21	1.25	0.46	19.16
J & K	8557	7700	13.18	0.99	1.03	0.37	15.57
Jharkhand	14067	7000	19.69	1.62	1.90	0.61	23.82
Karnataka	37735	7000	52.83	4.35	6.58	1.63	65.39
Kerala	24920	7000	34.89	2.87	5.42	1.08	44.26
Madhya Pradesh	37620	6900	51.92	4.33	6.68	1.63	64.56
Maharashtra	84685	6900	116.86	9.76	12.73	3.66	143.01
North East-I	4816	7800	7.51	0.55	0.88	0.21	9.15
North East-II	4728	8500	8.04	0.54	0.72	0.20	9.5
Orissa	23125	7200	33.30	2.66	5.24	1.00	42.2
Punjab	21043	6900	29.04	2.42	3.02	0.91	35.39
Rajasthan	28683	6900	39.58	3.30	6.50	1.24	50.62
Tamil Nadu	48182	8400	80.95	5.55	7.29	2.08	95.87
Uttarakhand	9603	7600	14.60	1.11	1.14	0.41	17.26
Uttar Pradesh (E)	37859	7400	56.03	4.36	3.80	1.64	65.83
Uttar Pradesh (W)	17115	6900	23.62	1.97	2.41	0.74	28.74
West Bengal	13276	6900	18.32	1.53	2.79	0.57	23.21
Kolkata TD	5641	8000	9.03	0.65	3.00	0.24	12.92
Chennai TD	8600	8000	13.76	0.99	2.60	0.37	17.72
Telangana	28867	7200	41.57	3.33	5.94	1.25	52.09
Sikkim	540	8100	0.87	0.06	0.16	0.02	1.11
Total	612524		882.03	70.56	102.78	26.46	1081.83

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Annexure-V

NAME OF CIRCLE	Approved OPEX for OFC O&M for 2 years (Excl GST) in Rs. Cr	Approved OPEX for O&M of the BTS Sites for 2 years (Excl GST) in Rs. Cr	Approved OPEX for O&M of the Power Infra for 2 years (Excl GST) (Rs. Cr.)	Approved OPEX for Diesel filling for 2 years (Excl GST) (in Rs. Cr.)	Total O&M Cost - OPEX(Excl GST) (in Rs. Cr.)	Approved CAPEX for OFC Rehabilitation/ Patch Work for 2 Years including the cost of the material @Rs.3 Lakh /km (Excl GST) (Rs. In Cr.)	Total Approved amount for 2 years (OPEX +CAPEX) (Excl GST) (Rs. Cr.)
Andaman & Nicobar	2.39	0.66	0.20	0.08	3.33	1.41	4.74
Andhra Pradesh	66.85	23.71	5.74	2.56	98.86	54.88	153.74
Assam	17.51	10.27	2.49	0.55	30.82	14.85	45.67
Bihar	25.63	13.23	2.64	1.65	43.15	23.32	66.47
Chhattisgarh	35.44	10.33	2.71	0.63	49.11	30.44	79.55
Gujarat	68.10	25.58	7.07	2.23	102.98	56.58	159.56
Haryana	28.53	11.01	2.44	1.51	43.49	23.51	67.00
Himachal Pradesh	19.16	6.99	1.70	1.00	28.85	15.66	44.51
Jammu & Kashmir	15.57	6.94	1.69	0.88	25.08	12.35	37.43
Jharkhand	23.82	7.04	2.05	0.17	33.08	21.15	54.23
Karnataka	65.39	29.54	6.84	1.02	102.79	58.61	161.40
Kerala	44.26	34.20	7.02	3.80	89.28	34.00	123.28
Madhya Pradesh	64.56	19.98	5.49	1.06	91.09	55.80	146.89
Maharashtra	143.01	41.85	9.55	4.13	198.54	118.88	317.42
North East-I	9.15	5.19	1.22	0.15	15.71	7.52	23.23
North East-II	9.50	3.87	1.10	0.64	15.11	7.16	22.27
Orissa	42.20	20.75	4.20	2.44	69.59	32.93	102.52
Punjab	35.39	18.10	3.78	2.54	59.81	31.76	91.57
Rajasthan	50.62	23.92	6.13	2.88	83.55	44.74	128.29
Tamil Nadu	95.87	29.63	7.49	3.41	136.40	67.28	203.68
Uttarakhand	17.26	6.42	1.57	1.04	26.29	14.15	40.44
Uttar Pradesh (E)	65.83	28.89	6.70	3.08	104.50	52.78	157.28
Uttar Pradesh (W)	28.74	13.59	3.60	2.33	48.26	25.58	73.84
West Bengal	23.21	13.48	3.90	1.69	42.28	20.06	62.34
Kolkata TD	12.92	9.59	1.42	0.14	24.07	6.90	30.97
Chennai TD	17.72	9.26	1.94	0.50	29.42	10.85	40.27
Telangana	52.09	16.14	3.94	1.89	74.06	39.37	113.43
Sikkim	1.11	0.62	0.14	0.01	1.88	0.71	2.59
Total	1081.83	440.80	104.76	44.02	1671.41	883.23	2554.64

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