No. 30-40/DBN/Finance/BharatNet Amended Program
Government of India
Ministry of Communications
Department of Telecommunications
(Digital Bharat Nidhi)

Sanchar Bhawan,
20 Ashoka Road, New Delhi
Date: 11.05.2026

OFFICE ORDER

BharatNet is being implemented in a phased manner across all Gram Panchayats (GPs) and villages in the country for bridging digital divide between rural and urban areas to promote inclusive socio-economic development.

2. The following tariff for dark fiber and bandwidth leasing under BharatNet shall be applicable—

S.No.	Services	Tariff
1	Dark fiber	Rs. 3000/KM/Fiber/year
2	Bandwidth	Rs. 120/Mbps/year

3. The aforesaid tariff is applicable with the conditions mentioned in **Annexure-I**, along with Service Level Agreement (SLA) as per **Annexure-III**.

4. **Outcome-linked discount:** In order to enable development of market in rural areas for BharatNet utilization, outcome-linked discount on the tariff at para 2 above shall be applicable as per the **Table -A** below, subject to meeting eligibility conditions as mentioned at **Annexure-II.**

Table-A

S. No.	% of GP Nodes having total data consumptions ≥ 2400 GB in a billing cycle, out of total GP nodes in a Block	Discount (in %)
1	≥5 % to ≤25%	25%
2	>25% to ≤ 50%	40%
3	>50% to ≤ 75%	55%
4	>75%	70%

Illustration:

$$\textbf{\% of GP Nodes} = \frac{\text{Number of GP nodes with} \geq \text{2400 GP usage}}{\text{Total GP Nodes in the Block}} \times 100$$

Note:

(a) While computing % of GP Nodes, decimals shall be rounded off to nearest number.

(b) % of GP Nodes will be calculated on the basis of NOC and billing data.

(c) Applicability of discount will be evaluated at the last day of every billing cycle.

(d) As billing cycle is of six months and payments are to be made in advance, any applicable discount for a billing cycle, will be credited and adjusted in the subsequent billing cycle.

(e) If a service provider avails both bandwidth and dark fiber in a Block and meets the stipulated criteria, they will receive discounts on both.

5. **Volume Based Discount:** The following volume-based discount as an alternative incentive mechanism shall also be applicable:

Total bandwidth (at upstream node) in a Block	Discount (in %)
≥ 0.5 Gbps	25%

Total Fibre KM (FKM) leased in a Block	Discount (in %)
≥ 50 FKM	25%

Note:

(a) Applicability of discount will be evaluated at the last day of every billing cycle.

(b) As billing cycle is of six months and payments are to be made in advance, any applicable discount for a billing cycle, will be credited and adjusted in the subsequent billing cycle.

(c) The above total bandwidth and fiber KM (FKM) will be calculated based on NOC and billing data.

6. The above two discounts as mentioned at para 4 & 5 above, are mutually exclusive, meaning the customer will claim only one and cannot benefit from both simultaneously.

7. The aforesaid tariff and discounting framework shall be made applicable till 31.12.2028. Thereafter, the tariff framework shall be reviewed taking into account market feedback and utilization patterns.

8. The aforesaid tariff and discounting framework will be applicable w.e.f. date of issuance of this order.

9. This issues with the approval of Hon'ble Minister of Communications.

Encl.: as above.

(Deepanshu Agarwal)
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To:

(i) Chairman & Manging Director, Bharat Sanchar Nigam Limited
(ii) All Managing Directors of BharatNet State-led SPVs

Copy to:

(i) Principal Staff Officer to Secretary, Department of Telecommunications
(ii) Principal Private Secretary to Administrator, Digital Bharat Nidhi
(iii) Principal Private Secretary to Member (Finance)
(iv) CGCA/DG (T)
(v) JA(F)/JA (T)/PD(PMU)/All DDGs of DBN

ANNEXURE-I

TARIFF CONDITIONS

A. DARK FIBER TARIFF

(i) The minimum leasing period is six months with advance billing.

(ii) Fixed billing cycles of January to June and July to December. In case provisioning is done during the billing cycle, first bill for six months shall be charged at the time of provisioning, however, excess amount taken in first bill will be adjusted on pro-rata basis in the next bill.

(iii) The user shall not pay any charges for provisioning of dark fiber from Block/GP. However, for provisioning of dark fiber from Joint chamber, the user shall pay the charges, as per clause (k) of sub-section 3.9 of Section IV-B of the [Annexure-I(A)] of PIA's contract with BSNL. In case of state SPV, the charges for provisioning shall be governed as per contract between SPV and PIA concerned.

(iv) Service Level Agreement (SLA) for dark Fibre is as per Annexure-III(A)

(v) The above charges are exclusive of applicable GST.

B. BANDWIDTH TARIFF

(i) The minimum leasing period is six months with advance billing.

(ii) Fixed billing cycles of January to June and July to December. In case provisioning is done during the billing cycle, first bill for six months shall be charged at the time of provisioning, however, excess amount taken in first bill will be adjusted on pro-rata basis in the next bill.

(iii) Billing will be done for minimum 200 Mbps at upstream node, even if customer takes <200 Mbps.

(iv) Port charges at Router/ONT at GP and Router/OLT at Block - Nil

(v) No charges towards access and space shall be required to be paid by customer. However, charges towards power shall be paid by the customer on actuals or as decided by Project Management Agency (PMA) in consultation with DBN.

(vi) If a customer requests bandwidth across multiple downstream nodes (Block/GP) parented to a single upstream router location (Block/GP) in a Block, then the total requirement will be considered as a single consolidated demand for tariff purposes.

   (a) The tariff may be charged on the full bandwidth provisioned at the hub and on one-tenth (1/10th) of the total bandwidth provisioned across all spokes.

   (b) However, in the case of point-to-point provisioning (one hub and one spoke), tariff maybe charged only for the bandwidth provisioned at the hub and no charge for bandwidth provisioned at the spoke.

(vii) Bandwidth provisioning at any downstream node (spoke) will not be higher than upstream (hub) node.

(viii) Bandwidth leasing will be offered with protection in ring topology wherever available, for better quality and reliability.

(ix) Service Level Agreement (SLA) for Bandwidth is as per Annexure-III(B)

(x) The above charges are exclusive of applicable GST.

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ANNEXURE-I(A)

Clause (k) of sub-section 3.9 of Section IV-B of the PIA's contract with BSNL

PIA shall provision the bandwidth for the services mentioned in this document. The PIA shall also build up the dark fibre on end-to-end basis for provisioning the same for commercial use or providing village connectivity. PIA shall get Rs 3500/- per joint to operate any OFC joint in the made over network for the first time only for a particular joint, for the purpose of attending a fault for providing the dark fibre. This cost shall include all the material supply and services i.e. localization of fault, digging of pit, supply of Splice Closure, Splicing, testing and back filling. However, if instructed by BSNL for construction of Joint Chamber as per E.I, additional payment @ Rs 4000/- per Joint Chamber shall also be provided.

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ANNEXURE-II

ELIGIBILITY CONDITIONS FOR OUTCOME-LINKED TARIFF

(i) Lessee should be an authorised/licensed service provider of Department of Telecommunications.

(ii) Lessee shall connect their upper mile transmission network with any of the BharatNet router at Block/GP mandatorily (i.e. Point of Interconnection).

Note:

(i) The above conditions will be evaluated at the last day of every billing cycle

(ii) Lessee shall provide a copy of the authorization/license issued by the DoT in its name. The point of interconnection mentioned in point (ii) above may be verified from the NOC.

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ANNEXURE-III (A)

SERVICE LEVEL AGREEMENT (SLA)

FOR DARK FIBRE LEASING

MEANTIME TO REPAIR (MTTR):

The Mean time to repair any problem reported by the lessee to Lesser is as per the table given below:

Network Component	Mean Time to Resolve
Leased Dark Fiber	≤ 8 hours

If the problem gets resolved within the MTTR in a leased fibre, the MTTR shall not be considered as outage time. If the outage is beyond 8 hours, the interruption time beyond 8 hours will be treated as outage time.

PLANNED OUTAGES:

Maximum of 8 hours of planned Outages per window with maximum 2 maintenance windows per quarter is allowed. Such outage time shall not be treated as part of downtime for Service Level calculations. Minimum 72 hours' notice will be given in case of any such planned outages.

DOWNTIME OF DARK FIBRE:

The downtime of dark fibre= [(Time of restoration-Time of Fault) – (Exclusion period*)]

*Exclusion period will include force majeure and planned outage. Force majeure shall be governed as per the provisions in agreement between BSNL & PIA (attached at Annexure-III(C)]. However, in case of state SPV, this shall be governed as per contract between SPV and PIA concerned.

CALCULATION OF % UPTIME:

The dark fibre availability in terms of % uptime is calculated as below and then rounded up to two decimal points:

For each dark fibre of leased route, uptime percentage will be calculated on quarterly basis:

$$\%\ \text{Uptime} = \frac{(\text{D days X 24 hours X 60}) - \text{fibre down time (t)}}{(\text{D days X 24 hours X 60 min.})} \text{ X } 100$$

[D= No. of days in a particular quarter]

PENALTY CALCULATION SLABS:

Down time will be calculated per fiber basis. Thus SLA, outage reporting and penalty calculation will be in that format only:

Type of KPI	Measurement Cycle	Quarterly Target	Penalty
Dark Fiber availability	Quarterly	≥ 98%	No Penalty
	Quarterly	≥ 95% to < 98%	5% of QRC
	Quarterly	≥ 90% to < 95%	10% of QRC
	Quarterly	< 90%	15% of QRC + 2% additional penalty on each 1% reduction in availability, maximum up to 30%.

Measurement Tool: Reports from NMS (OSS) on the performance and adherence to the SLAs.

Type of KPI	Measurement Cycle	Target	Penalty
MTTR	Event	8 hours	No Penalty
	Event	> 8 hours up to 24 hours	5% of QRC
	Event	More than 24 hours	10% of QRC

Measurement Tool: Quarterly Reports from Ticketing Tool on the performance (time taken between logging and closing of complaint) and adherence to the SLA.

QRC- Quarterly Recurring Charges is the net amount paid by lessee (after adjusting discount, if any) with respect to each dark fibre.

Penalty:

Penalty for each dark fibre in one quarter will be calculated based on above tables. This process will be repeated in both quarters to compute total value.

The amount of total penalty in a billing cycle, if any, shall be adjusted against the next half-yearly advance demand to be raised by the lesser.

Maximum quarterly Penalty to be levied shall not exceed 40% of QRC with respect to each dark fibre.

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ANNEXURE-III (B)

SERVICE LEVEL AGREEMENT (SLA)
FOR BANDWIDTH LEASING

MEANTIME TO REPAIR (MTTR):

The Mean time to repair any problem reported by the lessee to Lesser is as per the table given below:

Network Component	Mean Time to Resolve
Availability of link	$\leq$ 8 hours

If the problem is resolved within the MTTR in a link, the MTTR will not be considered as outage time. If the outage is beyond 8 hours in a particular link, the interruption time beyond 8 hours will be treated as outage time.

PLANNED OUTAGES:

Maximum of 8 hours of planned Outages per window with maximum 2 maintenance windows per quarter is allowed. Such outage time shall not be treated as part of downtime for Service Level calculations. Minimum 72 hours' notice will be given in case of any such planned outages.

DOWNTIME OF BANDWIDTH LINK:

The downtime of link= [(Time of restoration-Time of Fault) – (Exclusion period*)]

**Exclusion period will include force majeure and planned outage. Force majeure shall be governed as per the provisions in agreement between BSNL & PIA (attached at Annexure-III(C)]. However, in case of state SPV, this shall be governed as per contract between SPV and PIA concerned.

CALCULATION OF % UPTIME:

The link availability in terms of % uptime is calculated as below and then rounded up to two decimal points:

For each link, uptime percentage will be calculated on quarterly basis:

$$\%\ \text{Uptime} = \frac{(\text{D days X 24 hours X 60}) - \text{link down time (t)}}{(\text{D days X 24 hours X 60 min.})} \text{ X } 100$$

[D= No. of days in a particular quarter]

PENALTY CALCULATION SLABS:

Down time will be calculated per link basis. Thus SLA, outage reporting and penalty calculation will be in that format only:

Type of KPI	Measurement Cycle	Quarterly Target	Penalty
Link availability at Block*	Quarterly	≥ 99.5%	No Penalty
	Quarterly	≥ 97.5% to < 99.5%	5% of QRC
	Quarterly	≥ 95.0% to < 97.5%	10% of QRC
	Quarterly	< 95.0%	15% of QRC + 2% additional penalty on each 1% reduction in availability, maximum up to 30%.

Type of KPI	Measurement Cycle	Quarterly Target	Penalty
Link availability at GP	Quarterly	≥ 98%	No Penalty
	Quarterly	≥ 95% to < 98%	5% of QRC
	Quarterly	≥ 90% to < 95%	10% of QRC
	Quarterly	< 90%	15% of QRC + 2% additional penalty on each 1% reduction in availability, maximum up to 30%.

*The downtime of link availability at GP due to downtime of link availability at Block shall be excluded from the downtime of GP link availability for SLA/penalty purpose.

Type of KPI	Measurement Cycle	Target	Penalty
MTTR	Event	8 hours	No Penalty
	Event	> 8 hours up to 24 hours	5% of QRC
	Event	More than 24 hours	10% of QRC

Measurement Tool: Reports from NMS (OSS) on the performance and adherence to the SLAs.

QRC- Quarterly Recurring Charges is the net amount paid by lessee (after adjusting discount, if any) with respect to each Block link and GP link.

Penalty:

Penalty for each link in one quarter will be calculated based on above tables. This process will be repeated in both quarters to compute total value.

The amount of total penalty in a billing cycle, if any, shall be adjusted against the next half-yearly advance demand to be raised by the lesser.

Maximum quarterly Penalty to be levied shall not exceed 40% of QRC with respect to each link.

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ANNEXURE-III (C)

Provision of Force Majeure under BSNL-PIA agreement

If, at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions or act of God (hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 10 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such an event come to an end or cease to exist, and the decision of BSNL as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may, at its option, terminate the contract.

Provided, also that if the contract is terminated under this clause, BSNL shall be at liberty to take over from the Contractor at a price to be fixed by BSNL on behalf of DBN, DoT, which shall be final, all unused, undamaged and acceptable materials, bought out components and stores in course of manufacture which may be in possession of the Contractor at the time of such termination or such portion thereof as BSNL may deem fit, except such materials, bought out components and stores as the Contractor may with the concurrence of BSNL elect to retain.

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