

Doordarshan Kendra Lucknow

(Prasar Bharati – India's Public Service Broadcaster)

Ref: Tender for Two (2) Independent Internet Leased Line (ILL) Connections, 100 Mbps (1:1) each, for Doordarshan Kendra (DDK) Lucknow — File No. TV(LKO)/2(20)/E(ES)/2026-27 dated 26/08/2026

Quantifiable Specification / Standards of the Service / BOQ

Bill of Quantities (as per Annexure-B, Financial Bid format)

S.No.	Item Description	Qty	Unit
A	Internet Leased Line, 100 Mbps (1:1), Link-1	1	Annual
B	Internet Leased Line, 100 Mbps (1:1), Link-2	1	Annual
C	Add-on link(s)/Purchase Order(s) as per requirement (co-terminus with A/B, pro-rata billed)	As req.	Annual/Pro-rata

L1 (lowest evaluated bidder) = Total of (A+B) + (0.5 × Total of C).

Quantifiable Technical Specifications / Service Level Standards

- Bandwidth: 100 Mbps, symmetric, 1:1 contention ratio, uncompressed & unshared, per link
- Availability: 24×7×365, on physically diverse OFC last-mile routes
- Public IPv4 addresses: minimum 32 per link, with Reverse Lookups configured
- Packet Loss: less than 1% (average over 1000 pings), any time, to any part of the globe
- Latency: <350 ms to North America, <250 ms to Europe, <150 ms to Asia Pacific, <20 ms to the ISP's Tier-1 peering point
- Network Availability (uptime): more than 99.5% per month, per link
- Routing: BGP implementation on both links
- Redundancy: operational uplink on both paths of the ISP's own ring at all times, per link
- Fault response: within 1 hour of reporting; rectification within 12 hours, failing which temporary replacement to be arranged by the vendor
- Edge routers for both links to be supplied and maintained by the vendor, each rated for at least twice the contracted bandwidth
- Preventive maintenance: once per quarter, per link, as per agreed schedule
- Reporting: monthly performance/monitoring/usage reports for both links