

Dated: 15.02.2019

**RailTel Corporation of India Ltd
(A Government of India Enterprise)**

Plot No 143, Sector 44, Institutional Area,
**Opposite to Gold Souk Mall,
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Corrigendum -I

Sub: Request for proposals for “Procurement of Internet Bandwidth from Category-A Internet Service Providers through Reverse Auction Process.”

Ref: This office Tender No. RailTel/Tender/OT/CO/DNM/Purchase of IBW/2018-19/454.

In reference to the above referred tender the following amendment are issued under the Corrigendum-I. The bids may be submitted in consideration of this amendment.

1. Chapter-2, Schedule of Requirement (SOR) table-1 may be read as

S. No.	Type of Bandwidth	Location for delivery	Total Qty. Required In terms of STM1s *	"Unit rate per STM-1 IBW on Annual basis" (in Rs.)	GST @18%	"Total unit rate per STM-1 IBW on Annual Basis" (Including Taxes) (In Rs.)	Total Cost (All Inclusive of Taxes)
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Note: In case bidder has to quote any other taxes than can submit a separate sheet along with price bid with proper breakup of total unit rate per STM-1 on annual basis.

2. Chapter-2, Schedule of Requirement (SOR), Point No. 1.4 may be read as

Bidder has to provide bursting capacity equivalent to twice the capacity of fixed bandwidth ordered (e.g. if capacity is 1 Gbps, burst should be allowed till 2 Gbps without any degradation in Performance Parameters (as mentioned in Tender document) or Maximum of Interface Capacity whichever is lower). However, if burstable capacity become less than 30% due to interface limitation, Interface capacity shall be upgraded to next higher level.

3. Chapter-2, Schedule of Requirement (SOR), Point No. 1.7 may be read as

Burstable bandwidth billing to be done on 95/5 percentile model. If bidder is unable to submit billing on the basis of 95/5 percentile model, the payment will be made as per committed ordered capacity.

रेलटेल कॉर्पोरेशन ऑफ इंडिया लिमिटेड (भारत सरकार का उपक्रम)
RailTel Corporation of India Ltd. (A Government of India Undertaking)

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4. Clause 2.5, of Chapter-II (Packet Loss and Latency) may be read as.

These parameters shall be measured by computing the percent packet loss of 1000 pings of sixty four (64) bytes each. At any point of time during the contract period, the packet loss shall be less than 1%. This packet loss will be measured from RailTel's gateway/NMS to the monitoring IPs as provided by the bidder. The monitoring IPs of the routers in USA, Europe and Asia Pacific region shall be provided by the bidder so that the packet loss and latencies can be checked by RailTel's NMS. The monitoring IPs shall be provided for the verifying the Latency figures as per the following table:

a. IP Port in India for Domestic and Rest of World Internet Traffic.

S. No	Locations	Latencies from RailTel Gateway Router
[1]	Within India	80 msec
[2]	USA	320 msec
[3]	Europe (UK)	220 msec
[4]	Europe (France)	220 msec
[5]	Asia Pacific	110 msec
[6]	Middle East	150 msec

b. For International Internet Bandwidth/ IP Port in India for Trans-Atlantic route

S.No	Locations	Latencies from RailTel Gateway Router
[1]	USA (Trans Atlantic)	270 msec
[2]	Europe (UK)	200 msec
[3]	Europe (France)	200 msec
[4]	Asia Pacific	350 msec
[5]	Middle East	150 msec

c. International Internet Bandwidth/ IP Port in India for Trans Pacific route

S.No	Locations	Latencies from RailTel Gateway Router
[1]	USA (Trans Pacific)	300 msec
[2]	Europe (France)	350 msec
[3]	Asia Pacific (Hong Kong)	110 msec
[4]	Asia Pacific (Singapore)	100 msec

Note: Bidder has to provide monitoring tool for monitoring latency from Gateway locations to different locations as per shared latency table.

5. Chapter-4 Clause No. 4.2.1 (1) is clarified as

The bidder company has to be registered in India with valid and operative Category-A ISP license/UASL with duly approved international gateway facility in India

6. Chapter-4-A Clause No. 4.2.1 (7) is clarified as

Bidder CLS should have minimum installed internet capacity of at least 200 Gbps in India or outside India

7. Chapter-4-A, Clause No. 4.2.1 (8) may be read as

Bidder must have DOT's License to set up and operate International gateway for Internet connectivity. At least one international gateway must be operational for minimum period of one year. Documentary evidence for the same shall be provided along with the bid.

8. Chapter-4-A, Clause No. 4.2.1 (10) may be read as

Deleted

9. Chapter-4-A, Clause No. 4.3 Technical Literature and Brochure may be read as

One set of detailed technical literature shall be submitted in English along with the bid. The literature shall contain detailed specifications and information about all the modules of the service. The technical literature will be used to compare the specifications of the offered services vis-à-vis the required specification mentioned in this tender. Bidder must also provide technical input about the PE router on which IBW of RailTel will be terminated. The various connectivity of this router up to the monitoring IPs shall also be shown in detail. The make and the model on the router on which IBW of RailTel's will be terminated shall also be specified. The following documents are required for Evaluation of the offers.

10. Chapter-4-A, Clause No. 4.3 (7) may be read as

Copy of valid and operative Category-A ISP/ UASL license with International gateway facility to provide ILD service in India along with all other necessary licenses including approval of international gateway facility

11. Chapter-4-A, Clause No. 4.3 (15) may be read as

Speed of the links for the connectivity described above along with its peak utilization. Link provisioned for RailTel should have sufficient capacity to handle burstable bandwidth as per tender requirement. Bidder will submit undertaking for the same duly signed by an authorized signatory.

12. Chapter-4-A, Clause No 4.5 (f) may be read as

The outer cover in which these sealed offers are placed shall be addressed to **Executive Director/DNM** RailTel Corporation of India Limited, 143 Institutional Area, Sector-44, Gurgaon Haryana-122003. This cover must be super-scribed with **"Procurement of Internet Bandwidth from Category-A Internet Service Providers through Reverse Auction Process"**.

13. Chapter-4-A, Clause No 4.20 (Settlement of Disputes and Arbitration) may be read as

In addition to existing clause of tender document, RailTel will follow guidelines issued by concerned department of Government of India time to time.

14. Chapter-4-A, Clause No. 4.27 (Delivery and Installation) may be read as

The bidder shall be responsible for delivery of the requisite Internet Bandwidth including installation and commissioning of CPEs at the sites specified in the purchase order and for making them fully operational at no additional charge within the time period (90 days) or the duration committed by the bidder, whichever is earlier.



If the bidder fails to deliver and/or install the requisite equipment's within the stipulated time schedule or by the date as extended by RailTel, it will be construed as a breach of contract and suitable liquidated damages will be levied as described in section 4.29.

In case of existing partners selected for the existing POI, the revised rates will be affected from the date of issuing of PO.

15. Chapter-4-A, Clause 4.5 a (vii) may be read as

A copy of the SLA that the tenderer proposes to sign with RailTel shall be enclosed. It should also cover the monitoring IPs to monitor packet loss and latency as per the format given in clause 2.4, 2.5 and 2.6.

16. Chapter-4-B, Clause 7 (Submission of Eligibility Criteria related documents) is clarified as

Bidder has to submit scan copy of all eligibility criteria related documents online.

17. The last date of submission of bids is extended from 22.02.2019 to 27.02.2019 up to 15.00 Hrs. Tender will be opened at 15:30 Hrs. on 27.02.2019

All other term & conditions will remain same.



(A.K. Sablania)
Executive Director/DNM