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(A Government of India Enterprise)

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Ref: RAILTEL/TENDER/OT/CO/DNM/2016-17/DDOS/330
Dt. 22.06.2016

Corrigendum -II

Sub: Request for proposals for “Supply and Supervision of Installation, Testing & Commissioning of DDOS detection and Mitigation for MPLS Network.”

Ref: i) This office Tender No.: RAILTEL/TENDER/OT/CO/DNM/2016-17/DDOS/330 dt 20.05.2016.

In reference to the above referred Tender, the following amendments are issued in the Tender document. The bids may be submitted in consideration of these amendments.

1. Clause 6.8.1 of Chapter-3A of Tender document may be read as:

Router shall have modular configuration so that different modules can be added to it and shall also have modular Operating system. Router should also have redundant control and data plane. In case of failure of one control card, the performance of the router should not decrease.

2. Clause 6.8.3 of Chapter-3A of Tender document may be read as:

Router shall have 200 Gbps backplane capacity and shall have 4x10G ports and 16x1G SFP based ports.

3. Clause 6.8.8 of Chapter-3A of Tender document may be read as:

FIB capacity of 2 Million and RIB capacity of upto 8 Million for IPv4 routes

4. Clause 6.8.9 of Chapter-3A of Tender document may be read as:

Router shall support 2 Million IPv4 routes and 1 Million IPv6 routes simultaneously.

5. Clause 6.9.4 (xxi) of Chapter-3A of Tender document is deleted.

6. Clause 5.1.12 of Chapter-3A of Tender document may be read as:

Railtel requirement is 100K flows per second from Day-1 and deployment should support 250K FPS in future through license upgrade. Tenderer should deploy solution based appliances, Servers and VM licenses should be included in the proposal to support scalability without any additional cost on hardware.

7. Clause 6.4.9 of Chapter-3A of Tender document may be read as:

The System must support minimum 20 Million packets per second from day-1 and should be upgradeable to support 80 Million packets per second.

8. Clause 5.1.13 of Chapter-3A of Tender document may be read as:

DDOS detection system deployment should be license upgradeable to support 15 Gateway routers & 75 P/PE aggregation routers. Appropriate appliances /Server or VM licenses should be included in the proposal to support the scalability without any hardware/ VM license cost.

9. Clause 2.5.1 of Chapter-4 of Tender document may be read as:

After the proposed network is commissioned and placed in service and after Provisional Acceptance Certificate (PAC) is issued, the contractor shall be responsible for proper maintenance supervision of the network free of cost for a period of twelve months from the Successful commissioning of the solution.

10. Clause 2.1 of Chapter-4 of Tender document may be read as:

The supplier shall be responsible for any defects that may develop under the conditions provided by the contract and under proper use, arising from faulty materials, design or workmanship such as corrosion, Inadequate quantity for successful installation and commissioning of the solution like clamp, passive items used in installation and commissioning, inadequate contact protection, deficiencies in design and/ or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect the stores are faulty

11. Clause 2.4.3 of Chapter-4 of Tender document may be read as:

During the free warranty maintenance period contractor should stabilize the working of the system. Purchaser has the right to extend the period of supervision of the maintenance free of cost till the system stabilizes and works satisfactorily for a mutually agreed reasonable period of time. If during the time any equipment etc. is to be added or deficiencies are to be rectified to make the system work trouble free the same also will have to be done by the contractor at no cost to RailTel as to make good all the deficiencies.

12. Clause 3 bullet point 3 of Chapter-4 of Tender document may be read as:

If any defect is not remedied within reasonable time as mentioned in clause 2.4.5(replacement services) of chapter 4, the purchaser may proceed to do the work at contractor's risk and expense, but without prejudice to any other rights which the purchaser may have against the contractor in respect of such defects

13. Clarification on Clause 3 bullet point 6 of Chapter-4 of Tender document:

PROFORMA FOR THE LONG TERM MAINTENANCE SUPPORT is placed Annexure 1 form 3

14. Clause 13.1 of Chapter-4 of Tender document may be read:

The tenderer shall give unqualified and unconditional guarantee that when the equipment / material supplied by him is installed and commissioned at site, it shall achieve the desired objective and that in the event of performance of the system when installed not complying with the technical specification mentioned in Chapter 3A, he shall provide further inputs to enable the RailTel to realize the end objectives with full compliance of the specifications contained in these documents. No additional payment will be made to the contractor for supply of any additional goods and service required in this regard.

15. Clause 15.2 of Chapter-4 of Tender document is deleted.

16. Clause 42.2 of Chapter-4 of Tender document may be read:

The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Supplier to indemnify the Purchaser with respect to intellectual property rights infringement

17. Clarification on Clause 7.3 of Chapter-4 of Tender document may be read:

The tenderer shall arrange formal class room training as per approved course structure for 10 men weeks at Railtel CO office Gurgaon.

18. Clause 6.4.11 of Chapter-3A and Bid Data Sheet may be read as:

If bidder proposed router based mitigation system than Mitigation system should support MPLS layer 3 VPN.

19. Clause 6.4.12 of Chapter-3A and Bid Data Sheet may be read as:

If bidder proposed router based mitigation system than the Mitigation system should support BGP flow spec or open flow.

20. Clause 6.4.13 of Chapter-3A and Bid Data Sheet may be read as:

If bidder proposed router based mitigation system than the Mitigation system should support redirection of traffic through a VRF & rate limit action using BGP flow spec.

21. Clause 6.4.14 of Chapter-3A and Bid Data Sheet may be read as:

If bidder proposed router based mitigation system than the Mitigation system should have a programme capability through dynamic installation of rules to drop the traffic, inject it in different VRF & also have capability to police the traffic at defined rate

22. Clause 6.4.15 of Chapter-3A and Bid Data Sheet may be read as:

If bidder proposed router based mitigation system than the System should Support for 100 GE Interface

23. Clause 6.4.16 of Chapter-3A and Bid Data Sheet may be read as:

If bidder proposed router based mitigation system than the System should Capable of rate limiting in the hardware.

24. Clause 6.4.17 of Chapter-3A and Bid Data Sheet may be read as:

If bidder proposed router based mitigation system than the System should capable to maintain traffic symmetry

25. Clause 12.2.3 of Chapter-3 and Bid Data Sheet may be read as:

The tenderer should present at least one (1) project worth at least INR 1.1 Cr showcasing supply, design, installation, testing, commissioning, implementation and operations projects for security solutions commercially in India in the last 2 years

26. Clause 12.2.4 of Chapter-3 and Bid Data Sheet may be read as:

The sum total of the turnover of contractual payment received during the last preceding 3 financial years (i.e. current year and three previous financial years) from the date of opening of tender should be a minimum of the value Rs 4.6 Cr or above.

27. All other Terms & conditions will remain same.

(A.K.Sablania)
Group General Manager/DNM