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(A Government of India Enterprise)**

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Ref: RailTel/Tender/OT/CO/DNM/2017-18/DC Procurement/383

Dt. 16.06.2017

Corrigendum-II

Subject: - Tender for “Appointment of an Agency for supply, installation, configuration, operations and maintenance of ICT infrastructure at RailTel Data Centre(s)”.

Ref: i) This office E tender No: RailTel/Tender/OT/CO/DNM/2017-18/DC Procurement/383

Dt. 05.05.2017.

ii) Corrigendum – I Dt. 06.06.2017

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

1. Section II, Evaluation of Eligibility Criteria 26.5.3, the following clarification/modification in the Eligibility Criteria are provided/made

Sr. No.	Existing Criteria	Clarification/Modification
3	<p>(a) The bidder should have positive net worth as on 31st March 2017 and should be profitable for each of the last three years viz; 2014-15, 2015-16 and 2016-17.</p> <p>(b) The bidder’s cumulative annual turnover from sale of Security systems, Storage Systems, Tape Library, Networking systems and integration Services etc. should be more than (INR)100 crores in each of the last three financial years viz; 2014-15, 2015-16 and 2016-17</p> <p>Note: The turnover refers to the bidder and not the composite turnover of its subsidiaries/sister concerns etc.</p>	<p>a. <u>Document to be provided:</u> A certified/provisional certificate document by the Chartered Accountant stating the net worth and average annual turnover (from sale of Security systems, Storage Systems, Tape Library, Networking systems and integration Services etc.) of the bidder</p> <p>b. The bidder’s cumulative annual turnover from sale of Security systems, Storage Systems, Tape Library, Networking systems and integration Services etc. should be more than (INR)100 crores in the last three financial years viz; 2014-15, 2015-16 and 2016-17</p> <p>Note: The turnover refers to the bidder and not the composite turnover of its subsidiaries/sister concerns etc.</p>

4	<p>During the last three financial years, viz; 2014-15, 2015-16 and 2016-17 the bidder must have implemented at least one data center project(s) in government/PSU for India, which include activities like Supply, Installation, Configuration, Maintenance and Operations of the ICT Infrastructure like Security Equipment, Storage and Backup Equipment, for the Data Centre, where the value of each project should be more than (INR) Three crores and Eighty five lakhs (Rs 3.85 crores).</p> <p>Out of the above project(s), at least one of the projects should meet the following parameters:</p> <ul style="list-style-type: none"> • Data Centre of Tier II / III • Should have deployed security systems like firewall, End point protection, storage and backup systems, EMS, etc. <p>Note:</p> <ul style="list-style-type: none"> ➤ Bidder's in house data centers shall not be considered. <p>Bidders who have built their own Data Centre (IDC), for commercial use will be considered</p>	<p>During the last three financial years, viz; 2014-15, 2015-16 & 2016-17 and till the period of bid submission, the bidder must have implemented at least one data center project(s) where the end client being Government/PSU/BFSI in India, which include activities like Supply, Installation, Configuration or Maintenance and Operations of combination of the ICT Infrastructure like Security Equipment, Storage and Backup Equipment, Servers and Network Equipment for the Data Centre, (<u>Security Equipment should be a compulsory component</u>) and the value of the project should be more than (INR) Three crores and Eighty five lakhs (Rs 3.85 crores).</p> <p>Out of the above project(s), the project should meet the following parameters:</p> <ul style="list-style-type: none"> • Data Centre of Tier II / III • Should have deployed any security solution like firewall, APT, IDS/IPS, WAF etc. <p>Note:</p> <ul style="list-style-type: none"> ➤ Bidder's in house data centres shall not be considered. <p>Bidders who have built their own Data Centre (IDC), for commercial use will be considered</p>
5	<p>a. As on 31st March,2017 The bidder must have on its roll at least 50 technically qualified professionals in the ICT domains like security, networking, system software, systems integration, storage who have prior experience in providing the Data Center Infrastructure maintenance services.</p> <p>Documents to be provided: Certificate from bidder's HR Department for the number of Technically Qualified professionals employed by the company. Along with their Curriculum Vitae delineating their experience as per the format specified in Annexure 4.16 Section IV – Contents of the Bid</p> <p>b. The bidder's organization must on its roll have at least three (3) ITIL/ISO 20000</p>	<p>a. The bidder must have on it roll at least 30 technically qualified professionals in the ICT domains who have prior experience in providing the Data Centre Infrastructure maintenance services.</p> <p>Documents to be provided: Certificate from bidder's HR Department for the number of Technically Qualified professionals employed by the company highlighting their OEM Certification. Along with Curriculum Vitae of 8 – 10 professionals delineating their experience as per the format specified in Annexure 4.16 Section IV – Contents of the Bid</p> <p>b. The bidder's organization must on its roll have at least one (1) ITIL/ISO 20000 or</p>

	<p>Lead Auditor (LA) or Lead Implementer (LI) resources and three (3) BS7799 / ISO 27001 lead Auditor / Lead Implementer certified resources as 31st March 2017.</p> <p>c. The service operations manager deployed for the project,” Appointment of an agency for Supply, Installation, Configuration, Maintenance and Operations of ICT Infrastructure for the establishment of a Data Centre at Delhi” must have an IT experience of 10-15 years with minimum 5 years of relevant experience in Data Center and should have a Post Graduate Degree in Computer Science/graduate degree in computer/IT engineering and should be PMP certified. The designated service operations manager should also be on rolls of the organization for a minimum of 2 years.</p>	<p>one (1) BS7799 / ISO 27001 certified resources as on the date of bid submission.</p> <p>c. The service operations manager deployed for the project,” Appointment of an agency for Supply, Installation, Configuration, Maintenance and Operations of ICT Infrastructure for the establishment of a Data Centre at Delhi” must have an IT experience of 10-15 years with minimum 5 years of relevant experience in Data Center and should have a Post Graduate Degree /Graduate degree in Computer Science/IT engineering and should be PMP/Prince 2 certified. The designated service operations manager should also be on rolls of the organization for a minimum of 6 months.</p>
9	<p>d. The OEM (s) should be an established industry player in its respective domain like security, network, storage etc. and should form a part of the Industry standard leader’s/challenger’s quadrant on the likes of Gartner, Forrester, IDC etc.</p>	<p>d. The OEM (s) should be an established industry player in its respective domain like security, network, storage etc. and should form a part of the Industry standard leader’s/challenger’s quadrant/EAL levels on the likes of Gartner, Gartner, Forrester, IDC, Common Criteria etc.</p>
10	<p>The bidder must have ISO 9001:2000 certification for system integration or sale, design and development, testing and implementation of Data Center products and solutions</p>	<p>The bidder must have ISO 9001:2000 or ISO 27001 certification</p>

2. Section II, Evaluation of Technical Bids 26.6.3, the following is the revised Evaluation Criteria:

1	Experience in number of years	5
	<p>Bidder’s experience in India for Govt./PSU/BFSI, quantified in terms of number of years will be evaluated. *Experience would mean where the bidder has implemented activities like</p>	<p>>7-8 years: 5 points, 5-7 years: 3 points,</p>

	Supply, Installation, Configuration, Maintenance and Operations of the ICT Infrastructure like Security, Network equipment, Storage and Backup equipment, Servers, for the Data Centre	
2	Experience in number of projects	8
	Projects where the bidder has implemented activities like Supply, Installation, Configuration, Maintenance and Operations of the ICT Infrastructure security components firewall, IPS, WAF for the Data Centre where the value of the project should be at least 2 cr.	>4 projects: 8 points, 2 – 4 projects: 6 points, 1 project: 4 points
3	Financial Capability	2
	Cumulative Turnover of the company from the sale of ICT equipment(s) for the last three financial year ending 31st March 2017	>= Rs 200 Cr: 2 points >= Rs 100 Cr < Rs 200 Cr: 1
4	Manpower	7
(a)	The bidder must have on its roll at least 30 technically qualified professionals in the ICT domains like networking, system software, systems integration, storage who have prior experience in providing the Data Center Infrastructure maintenance services.	>50 professionals : 2 points, 50-30 professionals: 1 point
(b)	Number of resources employed with the bidder having OEM certifications for the product OEMs proposed in the bid	<u>OEM certifications</u> >10 certificates:3, 5-10 certificates : 2
5	Resource Allocation	8
	During the last three financial years, viz; 2014-2015,2015-2016,2016-17 the bidder must have implemented at least one project which include activities like Supply, Installation, Configuration, Maintenance and Operations of the ICT Infrastructure like Security equipment, Backup and Storage Equipment and Networking Equipment (any combination with compulsory Security Equipment), where the end client being Government/PSU/BFSI in India and the value of each project should be more than (INR) Three crores and eighty five lakhs (Rs 3.85 crores)	> 5 crores: 8 points, 5 – 3.85 crores: 6 points,
Sub Total		30 Marks
6	Project Requirements	

(a)	<i>Solution Design:</i>	15
	Clarity in understanding of requirements	
	Level of details captured in the Solution Design like information security and optimal design in terms of manageable, monitor able and secure design with attention to user experience in terms of reports etc	
	Implementation Methodology for all components –, Security, Network in Shared hosting Infrastructure, Services and integration and commissioning of all these components.	
	Adherence to Leading practices while designing the solution	
	Operation and Maintenance Methodology	
	Project Plan for procurement, installation and rollout of the solution	
	Formats of MIS reports as per Section V: Scope of Work	
	Coverage of entire scope as per Annexure 4.7 with value adds so as to ensure a complete effective and efficient solution	
(b)	<i>Solution strength</i>	25
	<p>a) Storage Solution:</p> <p>Backup Solution - Tape Library scalability (1 mark): The proposed Tape library will be evaluated with respect to the max no. of drive and total Peta byte of capacity supported in a single library.</p> <p>The bidder with maximum drives and capacity in a single library will be considered for maximum marks and the rest will be given marks on pro rata.</p> <p>b) Security Solution</p> <p>Logical Security – Redundancy (2 mark): The proposed Logical security solution will be evaluated with respect to the level of redundancy proposed.</p>	

	<p>The bidder with redundancy at all the logical layers/levels will be considered for maximum marks and the rest will be given marks on pro rata.</p> <p>Logical Security – UTM (4 mark):</p> <p>The proposed firewall will be evaluated with respect to the throughput, low latency and high performance</p> <p>The bidder with maximum throughput, low latency and high performance put will be considered for maximum marks and the rest will be given marks on pro rata.</p> <p>Logical Security – NG Firewall (3 mark):</p> <p>The proposed firewall will be evaluated with respect to the throughput.</p> <p>The bidder with maximum through put will be considered for maximum marks and the rest will be given marks on pro rata</p> <p>Logical Security – IPS (2 mark):</p> <p>The proposed solution will be evaluated with respect to the low latency and high performance</p> <p>The bidder with maximum performance and lowest latency will be considered for maximum marks and the rest will be given marks on pro rata</p> <p>Logical Security – Web Application Firewall (3 mark):</p> <p>The proposed system will be evaluated with respect to low latency and high performance.</p> <p>The bidder with maximum performance and lowest latency will be considered for maximum marks and the rest will be given marks on pro rata.</p> <p>Approach and Methodology for service delivery, performance of services as per Section V inclusive of tools as per the format in Annexure 4.3 and their coverage as mentioned in Annexure 4.3 (10 Marks)</p>	
(c)	Compliance	
	In this section the following would be considered - Compliance to Technical Specifications, Compliance to the Service Level Agreement, Compliance to International Standards, Technology Superiority, Complied to latest technologies like virtualization,	30

	cloud computing etc, Compliance to other requirements stated in the Tender Document and technical specifications	
	Makes and models	
Sub Total		70 Marks
Grand Total		100 Marks

3. Section II, Clause 32.1 & 32.2 have been modified to:

- a. Within 15 days after the receipt of notification of award of the Contract from the Purchaser, the successful Tenderer shall furnish Contract Performance Guarantee to the Purchaser, which shall be equal to 10% of the value of the Contract and shall be in the form of a Bank Guarantee Bond from a Nationalized Bank in the Proforma given at ***Section VI – Additional Requirements/ Pro forma.***

Note: Performance Bank Guarantee mentioned above supersedes wherever applicable in the RFP (**Section III Clause 9, Annexe 4.18 – Bid Data sheet**)

- b. Failure of the successful Tenderer to comply with the requirement of Clause 31 or Clause 32.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD. In case of exigency, if the Purchaser gets the work done from elsewhere, the difference in the cost of getting the work done will be borne by the successful Tenderer.

4. Section II, Clause 36 have been revised to:

75% payment of the value of the **hardware items** and 75% payment of the value of the **software items** against LOA/Sub PO/PO would be made on receipt of material by the consignee (at site /the stores, to be decided by RailTel) duly inspected and on submission of the following documents subject to any deductions or recovery which RailTel may be entitled to make under the contract:

- Invoice
- Delivery Challan
- Excise Gate pass/Excise/Custom Invoice
- Packing list.
- Factory Test Report/Certified manufacturer Test Report
- Purchaser's Inspection certificate
- Consignee receipt
- Warranty certificate of OEM
- Insurance certificate
- Certificates duly signed by the firm certifying that equipment/ materials being delivered are new and conform to technical specification.

1. 15% payment of the value of hardware items and 15% of the value of software items of the PO shall be made by RailTel on Installation at site, 5% payment of value of hardware items and 5% of the value of software items of the PO on issue of Provisional Acceptance Certificate (PAC), 5% payment of the value of hardware items and 5% of the value of software items of the PO shall be made by RailTel on issue of Final Acceptance Certificate (FAC) which will be issued by GGM/DNM.

(15% + 5 %) payment of value of hardware items of the Sub PO/PO which could not be installed for want of site readiness or as per the decision of RailTel, will be made on issue of PAC and remaining 5% on issue of FAC.

2. Accounting unit/bill passing unit for the supplies under SOR is GGM/DNM in RailTel. Bills to be submitted to the GGM/DNM for certifying receipt of material & services, for passing for payment.
3. The break-up of taxes has to be furnished and same should be reflected in the bills so that any CENVAT/input credit can be availed by RailTel.
4. Form “C” shall be issued for respective stations, if required, by RailTel.
5. Payment of Services
 - a. Payment of service items shall be made in Indian Currency (Rs.) only. 35% payment of item towards “Installation, Testing & Commissioning” shall be made by Corporate Office on successful Installation, testing & commissioning, 60% on issue of PAC and final 5% on issue of Final Acceptance Certificate.
 - b. Payment for Long Term Maintenance / Annual Maintenance Contract (AMC):

Payment would be made bi-annually by RailTel after satisfactory completion of AMC Services of that period and on certificate furnished by concerned RailTel’s representative.
 - c. Payment towards operations & maintenance would be paid quarterly by the concerned in-charge of Data Center/CNOC after completion of period within 30 days from the date of invoicing subject to adherence to the SLAs mentioned in this tender document subject to any deductions or recovery (which the RailTel may be entitled to make under contract) through RTGS.

5. Section II, a new clause, Clause 37 have been added and is as follows:

An OEM can partner with up to 2 system integrators/ bidders for participating in this RFP.

6. Section III, Clause 12.1 may be read as

The Agency shall not sub-contract any part of the scope of work, however the Agency can leverage the support of the OEM or OEM partner/distributors.

7. Section III, Clause 16.3 have been revised to:

Penalty for Delay in Implementation

1. If the agency fails to execute and complete the work within the stipulated time the agency shall accept reduction in the total amount payable to him by the purchaser at the rate of 0.5% per week

or part thereof (rounded off to the nearest whole number) of the undelivered component for the actual delay occasioned beyond the appointed time by which the work shall have been completed under the contract.

2. The total value of penalty on account of above shall be limited to maximum of 10% (Ten percent) of the total contract value.

8. Section III, Prices Clause 18.2 stands removed.

9. Section V, Clause 6.3.9 Monitoring Management and Reporting, the following statement have been removed

“Securing critical servers using Server based Access Control & recording user activity through audit logs”.

10. Annexure 4.11 – Breakdown of Cost Components, the following clarification/modification have been provided/made

“11. The tenderer shall provide the detailed BOM/BOQ against all the solutions (both hardware and software) under the scope of work.”

e. ICT Infrastructure Cost, for Security Infrastructure components

S. No.	Description	Quantity (R8)	Unit Rate (R9)	Taxes*			Total (INR)
				Type	%	Value	R11 = (R8*R9)+R10
						(R10)	
D	Security Infrastructure						
15	UTM	5 (5 locations)					
16	Antivirus (Client Server) on all servers and computing infra (Desktop - 1200 users Server - 50)	Lot					
17	Web Application Firewall	2					
18	Next Generation Firewall	4					
19	Intrusion Prevention System	4					
20	SSL Offloading	4					
21	DNS Anycast/security solution	4					
22	APT Solution	2					

23	Any other hardware component						
24	Any other software component						
25	Others.....						
	Sub-Total 3						S3

11. Annexure I - Technical Specifications, the following clarification/modification have been provided/made

The specifications mentioned in the Annexure I supersedes the ones mentioned in the RFP. The compliance of the solution should be carried accordingly.

Sr. No.	Device	Clause No.	As appearing on the original published RFP	Read As / To be replaced in the RFP
1	Anti-Virus	31	Comprehensive onsite warranty for 3 years with Next business Day (NBD) resolution.	This clause stands removed
2	Tape Library	3	Library offered with minimum 275 Cartridge slots scalable up to 890 slots in a single library.	Library offered with minimum 275 Cartridge slots scalable up to 800 slots in a single library.
3		5	The tape library should have mixed media support and should be proposed along with necessary software/licenses	The tape library should have mixed media support and should be proposed along with necessary software/licenses, if applicable
4		6	The tape library should have capability for automatic calibration of robotic arm.	The tape library should support dual robotic arm and have capability for automatic calibration of robotic arm. In case the library supports only a single robotic arm, an additional robotic arm should be quoted separately.
5		15	Tape Library should provide ENCRYPTION with built-in encryption key management. No external servers.	Tape Library should provide ENCRYPTION with built-in encryption key management or via an external server. The bidder shall provide all the necessary hardware and software
6	UTM	2	UTM appliance should have at least 04 x 10/100/1000 GE RJ45 ports and 2 x 1GE SFP+ ports with fully populated (SFP+ transceivers) from day one	UTM appliance should have at least 04 x 10/100/1000 GE RJ45 ports and 2 x 1GE SFP ports with fully populated (SFP transceivers) from day one
7		4	Firewall should provide at least 8 Gbps of real world/ production environment throughput	Firewall should provide at least 10 Gbps of real world/ production environment throughput
8		15	Support at least 10 firewall domains/instant/context	The clause stands removed
9		59	Should be able to scan the file either on the basis of flow or buffering.	Should be able to scan/inspect the file either on the basis of flow or buffering.

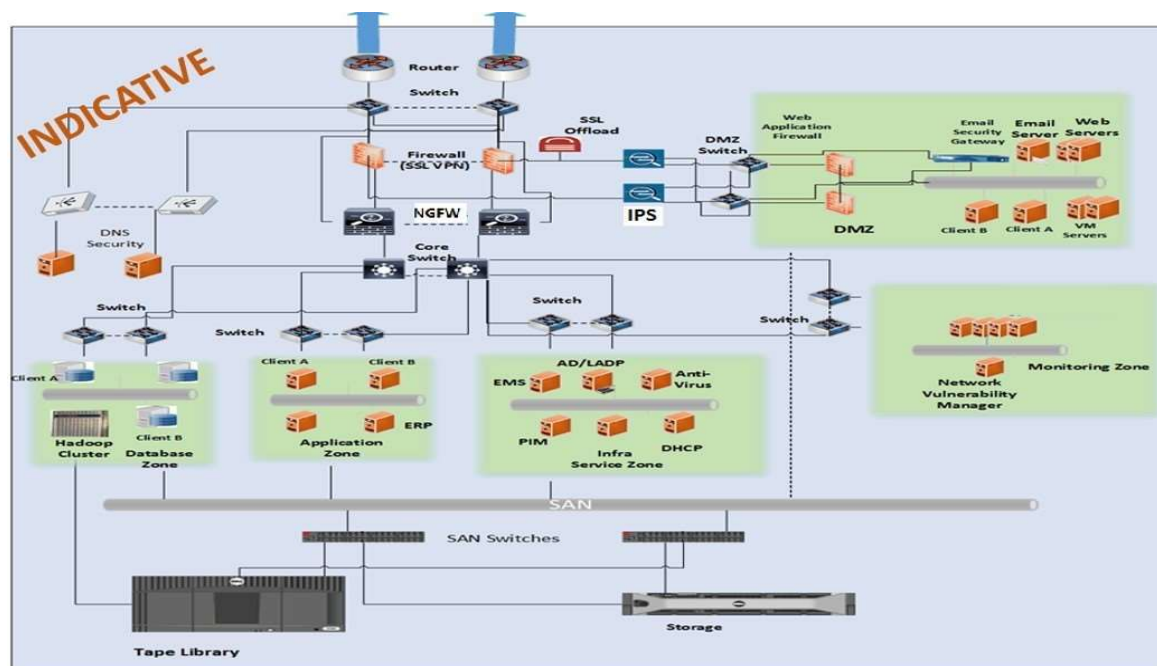
Sr. No.	Device	Clause No.	As appearing on the original published RFP	Read As / To be replaced in the RFP
10		60	Should have option to respond to virus detection in several ways like delete/quarantine the file and send notification via e-mail/SMS.	Should have option to respond to virus/malware detection in several ways like block/delete/quarantine the file and send notification via e-mail/SMS.
11		61	The antivirus signature database of proposed solution should comprise of up to date list of signatures of virus, malwares, spyware etc.	The antivirus signature database/malware of proposed solution should comprise of up to date list of signatures of virus, malwares, spyware etc.
12		14	The proposed system should have integrated Traffic Shaping functionality.	The proposed system should have integrated Traffic Shaping functionality / Rate limiting user/application basis
13		20	Should facilitate to apply policy like Traffic shaping & policy based routing decision	Should facilitate to apply policy like Traffic shaping / Rate Limiting & policy based routing decision
14		73	The solution must be present as Leaders in Gartner's Magic Quadrant for 2016/2017 and have atleast 90% in the NSS NGFW security effectiveness value.	The solution must be present as Leaders or Challengers in Gartner's Magic Quadrant for 2016/2017 and have atleast 90% in the NSS NGFW security effectiveness value for 2016/2017.
15		49	The proposed solution shall be able to support various form of user Authentication methods simultaneously , including: a) Local Database entries b) LDAP server entries c) RADIUS server entries d) Native Windows AD (Single sign on capability)	The proposed solution shall be able to support various form of user Authentication methods simultaneously , including: a) Local Database entries or LDAP server entries b) RADIUS server entries or Native Windows AD (Single sign on capability) Note: "User authentication facilitated by services like LDAP and RADIUS." stands removed
16		58	Should provide protection against viruses, worms or any other malicious content in traffic like SMTP, SMTPs, POP3, POP3s, IMAP, IMAPs, HTTP, HTTPs, FTP, FTPs etc. and must be configurable/applicable on specific firewall Policy	Should provide protection against viruses, worms or any other malicious content in traffic like SMTP, SMTPs, POP3, POP3s, IMAP, IMAPs, HTTP, HTTPs, FTP, FTPs etc. and must be configurable/applicable on specific firewall/threat prevention Policy
17	IPS	Addition		The solution should be able to communicate bi-directionally with the proposed centralized APT solution.
18		6	IPS signatures should have a configurable actions like terminate a TCP session by issuing TCP Reset packets to each end of the connection, or silently drop traffic in addition to	IPS signatures/Access Policy should have a configurable actions like terminate a TCP session by issuing TCP Reset packets to each end of the connection, or silently drop traffic in

Sr. No.	Device	Clause No.	As appearing on the original published RFP	Read As / To be replaced in the RFP
			sending an alert and logging the incident	addition to sending an alert and logging the incident
19		27	the solution appliance should have at least 4 x 10G SFP+/XFP ports (fully populated) from day one	The solution appliance should have at least 4 x 10G SFP+/XFP ports (fully populated) with fail open capability from day one. If applicable, these should be SR connector type.
20	EMS	9	Ability to deliver comprehensive, tightly integrated management capabilities, including performance and availability of database servers, application servers, web servers, other servers, desktop, network, storage, security etc.	Ability to deliver comprehensive, tightly integrated management capabilities, including performance and availability of database servers, application servers, web servers, other servers, network, storage, security etc.
21	DNS	Addition		The solution should support implementation of Security policy per IP/Network.
22		4	Firewall should provide at least 20 Gbps of real world/ production environment throughput	Firewall should provide at least 20 Gbps of real world/ production environment throughput OR Firewall should provide at least 18 Gbps of throughput with Firewall, Application visibility and control
23		14	The proposed system should have integrated Traffic Shaping functionality.	The proposed system should have integrated Traffic Shaping functionality / Rate limiting user/application basis
24		15	Support at least 10 firewall domains/instant/virtual context	Support at least 10 firewall domains/instant/virtual context on the same hardware without any extra cost to the purchaser
25	NGFW	20	Should facilitate to apply policy like Traffic shaping & policy based routing decision	Should facilitate to apply policy like Traffic shaping / Rate Limiting & policy based routing decision
26		34	Firewall should support client based and clientless SSL vpn peers from day one.	Firewall should support client based or clientless SSL vpn peers from day one.
27		37	IPS throughput should be atleast 3 Gbps or better for real world/production throughput	NGFW throughput should be at least 7 Gbps or better
28		46	The proposed solution shall be able to support various form of user Authentication methods simultaneously, including: a) Local Database entries b) LDAP server entries c) RADIUS server entries	The proposed solution shall be able to support various form of user Authentication methods simultaneously, including: a) Local Database entries or LDAP server entries

Sr. No.	Device	Clause No.	As appearing on the original published RFP	Read As / To be replaced in the RFP
			d) Native Windows AD (Single sign on capability)	b) RADIUS server entries or Native Windows AD (Single sign on capability) Note: “User authentication facilitated by services like LDAP and RADIUS.” stands removed
29		Added		The solution should be able to communicate bi-directionally with the proposed APT solution.
		22	The APT appliance should be able to process minimum of 1000 files/hour or 1,000,000 files/month (either web or mail or both) on the VM sandboxing	This clause stands removed
30		1	The solution should be able to communicate bi-directionally with the proposed UTM and NGFW solution for automatic blocking/threat update	The solution should be able to communicate bi-directionally with the proposed UTM/NGFW solution for automatic blocking/threat update
31		4	The proposed solution should perform dynamic real-time analysis of advanced malware on the appliance itself to confirm true zero-day and targeted attacks. No information should be sent to third party systems or cloud infrastructure system for analysis and detection of Malware.	The proposed solution should perform dynamic real-time analysis of advanced malware to confirm true zero-day and targeted attacks. No file should be sent to third party systems or cloud infrastructure system for analysis and detection of Malware
32	APT	10	The proposed solution should have the ability to analyse, detect and block malware in common file formats including but not limited to executables, JAVA, PDF, MS Office documents, common multimedia contents such as JPEG, GIF and ZIP/RAR/7ZIP/TNEF archives to prevent advanced Malware and Zero-day attacks.	The proposed solution should have the ability to analyse, detect and block malware in common file formats including but not limited to executables, JAVA, PDF, MS Office documents, common multimedia contents such as JPEG/GIF/BMP/WMF and ZIP/RAR/7ZIP/TNEF archives to prevent advanced Malware and Zero-day attacks.
33		17	The proposed solution should have the ability to scan and analyse emails to identify malicious attachments or URLs.	The proposed solution should be able to analyse email attachments and malicious links for static and dynamic analysis.
34		18	The proposed solution should be able to scan servers that support CIFS and NFS protocol for sharing and transferring files.	The proposed solution should support SMB / CIFS / NFS protocol for sharing and transferring files.
35		28	The proposed solution should be able to analyse saved email (.eml) files for malicious attachments.	This clause stands removed

12. Annexure I - Technical Specifications, the following have been added

Indicative Network Architecture



13. The last date of submission of tender for “Appointment of an Agency for supply, installation, configuration, operations and maintenance of ICT infrastructure at RailTel Data Centre(s)” is extended from 21.06.2017 to 30.06.2017 up to 15:00 Hrs. Tender will be opened at 15:30 Hrs. on 30.06.2017

All other term & conditions will remain same

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