CORRIGENDUM
TO
REQUEST FOR PROPOSAL
RFP Reference - NTB/IT/INFRA/2020/07/004

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC) OF ICT INFRASTRUCTURE AT DC, NEAR DR AND FAR DR HOSTED AT SERVICE PROVIDER DATA CENTER AND MANAGED TELECOM AT BANK BRANCHES/OFFICES WITH OPERATION & MAINTENANCE

The Nainital Bank Limited
28th July, 2020
RFP Reference - NTB/IT/INFRA/2020/07/004

Pre-bid Queries response and Corrigendum for RFP ref. no. - NTB/IT/INFRA/2020/07/004 FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC) OF ICT INFRASTRUCTURE AT DC, NEAR DR AND FAR DR HOSTED AT SERVICE PROVIDER DATA CENTER AND MANAGED TELECOM AT BANK BRANCHES/OFFICES WITH OPERATION & MAINTENANCE

Sr.No	Page No/Section No	Clause No	Reference/Subject	Response by Bank
1	General	Last date and time of submission of Bids	Last date and time of submission of Bids	Changed to 07/08/2020 (1600 Hrs)
2	Page 2/1.1. Document Control Sheet		Address for submission of Bid "The Nainital Bank Ltd., 33, Second Floor, Punchkuian Road, Above Lahore Furniture Mart, New Delhi- 110001"	Regional Office (Delhi/NCR) THE NAINITAL BANK LIMITED 4th Floor, UPRNN Building C-20 / 1A / 7 Sector 62, Noida Uttar Pradesh - 201309
3	Page 3/1.1. Document Control Sheet		Location for submission of Bid "The Nainital Bank Ltd., 33, Second Floor, Punchkuian Road, Above Lahore Furniture Mart, New Delhi- 110001"	Regional Office (Delhi/NCR) THE NAINITAL BANK LIMITED 4th Floor, UPRNN Building C-20 / 1A / 7 Sector 62, Noida Uttar Pradesh - 201309
4	Page 6/3.1 Scope of RFP in brief is mentioned below:	Pt. 1	Pt. 1 Compute and Storage related to Banking Application (Bank will purchase this hardware, OS, Middleware as CAPEX and will be 'colocated' at Bidder's proposed DC Delhi-NCR, near DR (within 25 KM radius from proposed DC) and DR Site in different seismic zone from DC.)	To be read as: Pt. 1. Compute and Storage related to Banking Application (Bank will purchase this hardware, OS, Middleware as CAPEX and will be 'colocated' at Bidder's proposed DC Delhi-NCR, near DR (between 5 Km and 25 Km radius from proposed DC) and DR Site in different seismic zone from DC.

5	Page 6/3.1 Scope of RFP in brief is mentioned below:	Scope of RFP in brief is mentioned below:	Additional point added	Additional Point: 8. All the software licenses/certificate which are procured in CAPEX should be in the name of The Nainital Bank Limited and be handovered to Bank after installation.
6	Page 6/3.3. Submission of Bids		The bidder shall deposit the envelope in person in the tender box kept for this purpose at The Nainital Bank Ltd., 33,Second Floor, Punchkuian Road, Above Lahore Furniture Mart- 110001 on or before 16:00 hrs	The bidder shall deposit the envelope in person in the tender box kept for this purpose at Regional Office (Delhi/NCR) THE NAINITAL BANK LIMITED 4th Floor, UPRNN Building C-20 / 1A / 7 Sector 62, Noida Uttar Pradesh - 201309, on or before 16:00 hrs
7	Page 18/3.31 Evaluation of Eligibility Criteria	B1.1	Must have registered a turnover of INR 500 Crores or above (from Indian Operations only) in each year during the last three completed financial years that is financial years - 2017-18, 2018-19 and 2019-20.	Refer corrigendum for revised clause
8	Page 18/3.31 Evaluation of Eligibility Criteria	B1.2	Must be net profit making entity (from Indian operations only) for each year in the last three financial years that is financial years - 2017-18, 2018-19 and 2019-20.	Refer corrigendum for revised clause
9	Page 18 / 3.31 Evaluation of Eligibility Criteria	B2.2	Must be net profit making entity (from Indian operations only) continuously for the last three years that is financial years - 2017-18, 2018-19 and 2019-20.	Refer corrigendum for revised clause

10	Page 18 / 3.31 Evaluation of Eligibility Criteria	B2.1	Must have registered a turnover of 200 Crores or above (from Indian Operations only) in each year during the last three completed financial years that is financial years - 2017-18, 2018-19 and 2019-20.	Refer corrigendum for revised clause
11	Page 18/3.31 Evaluation of Eligibility Criteria	B1.1 B1.2 B2.1 B2.2	Supporting Required- Audited Financial statements for the financial years 2017-18, 2018-19 and 2019-20. Certified letter from the Chartered Accountant. The CA certificate in this regard should be without any riders or qualification.	Refer corrigendum for revised supporting documents required
12	Page 19 / 3.31 / Eligibility Criteria	C1 (Experience & Support Infrastructure)	The bidder must have provided Data Centre colocation facility to at least Ten (10) companies at any of their colocation sites in India. (Out of which Two credential should be from Commercial Banks / Financial Institutions / Government / PSU Organizations in India who have co–hosted their Data Centre) AND Should have a prior experience of set up and operations in colocation include IT Infrastructure (Servers, SAN storage, Network equipment's etc.) for at least two DC/DR projects in Commercial Banks / Financial Institutions/ Government / PSU Organizations In India having value more than Rs.2 Crores.	Please read this clause as: "The bidder must have provided Data Centre colocation facility to at least Ten (10) companies at any of their colocation sites in India. (Out of which Two credential should be from Commercial Banks / Financial Institutions / Government / PSU Organizations in India who have co– hosted their Data Centre) AND Should have a prior experience of supply, implementation and operations of IT Infrastructure (Servers, SAN storage, Network equipment etc.) for at least two DC/DR projects in Commercial Banks / Financial Institutions/ Government / PSU Organizations In India having value more than Rs.2 Crores **each**"

13	Page 19 / 3.31 / Eligibility Criteria	C2 (Experience & Support Infrastructure)	Bidder / OEM to have adequate stock of spares of all items supplied and should be able to replace the faulty hardware within 4 hours from the time of incident reporting.	Please read this clause as: Bidder / OEM to have adequate stock of spares of all items supplied and should be able to replace the faulty hardware as per SLA
14	Page 20 / 3.31 / Eligibility Criteria	D3	Bidder must have certification for support of OS i.e. Unix/Linux based which are available in the market and are not in end of support.	Please read this clause as: Bidder has to ensure that supplied Operating System i.e. Linux shall be supplied with OEM support for the period of contract and bidder must have skills to manage the supplied Operating System & databases.
15	Page 20 / 3.31 / Eligibility Criteria	D4	OEM must ensure that the Servers to be supplied will not be End of Sale in next 3 years minimum (from RFP date) and End of Support in next 7 years from End of Sale.	Clause shall be read as: OEM must ensure that the Servers, Storage, Network and SD-WAN to be supplied will not be End of Support life (EOSL) 7 years from date of acceptance. An undertaking from respective OEM to be submitted in technical bid
16	Page 21 / 3.31 / Eligibility Criteria	D7	The proposed colocation Data Centre/DR should be at least Tier III or above	Please read this clause as: The proposed colocation Data Centre/DR should be at least Tier III Concurrently Maintainable or Rating 3/ TIA 942 Compliant
17	Page 21/3.31. Evaluation of Eligibility Criteria	D8	The bidder must have on its payrolls at least 50 technically qualified professionals (BE/B.Tech/MCA or equivalent) in the ICT domains i.e. Cyber security, networking, system software, system integration, storage etc. who have prior experience in providing the Data Center Infrastructure and maintenance services as on date of release of this RFP.	To be read as: "The bidder/Bidder's parent company must have on its payrolls at least 50 technically qualified professionals (BE/B.Tech/MCA or equivalent) in the ICT domains i.e. Cyber security, networking, system software, system integration, storage etc. who have prior experience in providing the Data

				Center Infrastructure and maintenance services as on date of release of this RFP.
18	Page 21/3.31. Evaluation of Eligibility Criteria	D8	Certificate from the bidder's HR Department for the number of Technically Qualified Professionals employed by the bidder. Certificate should capture the following details of the employees in a tabular format: 1. Employee Name 2. Qualification 3. Total experience in desired area	Note: In case qualified professionals are on payroll of parent company then bidder also needs to submit certification regarding same from HR head of parent company stating that the professionals are dedicated for bidders proposed data center services.
19	Page 22/3.31. Evaluation of Eligibility Criteria	D11	Bidder should have received following certification ISO 9001:2015. ISO/ IEC 20000:2011 (or later) ISO 27001 (or later) or 'BS7799 - 3' PCI-DSS	PCI-DSS stands removed however in future the succesful bidder will need to submit PCI-DSS certification for compliance purpose.
20	Page 22/ 3.31. Evaluation of Eligibility Criteria	D12	12) OEM whose product is quoted should have received ISO 9001:2015 & 14001:2015 & 27000 certifications for manufacturing facility from where the equipment's will originate.	This clause shall be applicable for Network, SD-WAN, Firewall and Storage OEMs and OEM ISO certificates to be submitted
21	Page 22 / 3.31 / Eligibility Criteria	D12	OEM whose product is quoted should have received ISO 9001:2015 & 14001:2015 & 27000 certifications for manufacturing facility from where the equipment's will originate.	Please read this clause as: OEM(Servers, Storage, Network and SD-WAN) whose product is quoted should have received ISO 9001:2015 & 14001:2015 & 27000 certifications for manufacturing facility from where the equipment's will originate.

22	Page 24 / 3.32. Evaluation of Technical Bids	A1. TECHNICAL SCORING	Number of completed data centre colocation services projects by bidder - implemented / completed project(s) which include Supply, Installation, Configuration, Testing, Commissioning, Operations and Maintenance, (Operation and Maintenance can be in progress) of Compute / Networking Equipment / Cyber Security / Storage / Backup Equipment in the last 5 (Five) years (till last date of bid submission) with Total Contract Value of at least INR Two (2) Crores each. 1 marks for each Project (Maximum 5 Projects)	Please read this clause as" Number of completed data Centre projects by bidder - implemented / completed project(s) which include Supply, Installation, Configuration, Testing, Commissioning, Operations and Maintenance, (Operation and Maintenance can be in progress) of Compute / Networking Equipment / Cyber Security / Storage / Backup Equipment in the last 7 (seven) years (till last date of bid submission) with Total Contract Value of at least INR Two (2) Crores each. 1 marks for each Project (Maximum 5 Projects)
23	Page 24 / 3.32. Evaluation of Technical Bids	A1. TECHNICAL SCORING	Number of completed data centre colocation services projects by bidder - implemented / completed project(s) which include Supply, Installation, Configuration, Testing, Commissioning, Operations and Maintenance, (Operation and Maintenance can be in progress) of Compute / Networking Equipment / Cyber Security / Storage / Backup Equipment in the last 5 (Five) years (till last date of bid submission) with Total Contract Value of at least INR Two (2) Crores each. 1 marks for each Project (Maximum 5 Projects)	Multiple work orders for same project of a customer shall be accepted
24	Page 24 / 3.32. Evaluation of Technical Bids	A1. TECHNICAL SCORING	Supporting Documents (for the above clause): Order/Contract Copies with End Customer Certificate/FAT/installation report. TIER III/Rated- 3/TIA-942 certificate	Please read this as: Supporting Documents (for the above clause): Order/Contract Copies with End Customer Certificate/FAT/installation report.

25	Page 24 / 3.32. Evaluation of Technical Bids	A3. TECHNICAL SCORING	Bidder must have experience in executing cyber security orders in last 5 years for its end customers covering following items: a) 1 mark for Next Generation Firewall/IPS/UTM project, where total order value should be minimum Rs. 1 Cr (Maximum 1 Project) b) 1 mark for each Privileged Identity Management and Database Activity Monitoring Project executed (Maximum 2 marks) c) 1 mark for each WAF and HIPS Project executed (Maximum 2 marks)	Please read this clause as: Bidder must have experience in executing cyber security orders in last 5 years for its end customers covering following items: a) 1 mark for Next Generation Firewall/IPS/UTM project, where total order value should be minimum Rs. 1 Cr (Maximum 1 Project) b) 1 mark for each Privileged Identity Management and/or Database Activity Monitoring Project executed (Maximum 2 marks) c) 1 mark for each WAF and/or HIPS Project executed (Maximum 2 marks)
26	Page 25 / 3.31 Evaluation of Eligibility Criteria	b.2 Proposed Solution Strength	DC, DR and NDR IT solution integration, data replication approach and RTO/RPO compliance	Bidder to provision bandwidth as mentioned in RFP. If additional bandwidth required in future to meet desired RTO/RPO, bank shall procure the same through a change request. Bidder has to communicate such requirement to bank in timely manner
27	Page 25 / 3.31 Evaluation of Eligibility Criteria	b.2 Proposed Solution Strength	DC, DR and NDR IT solution integration, data replication approach and RTO/RPO compliance	Bidder to provision bandwidth as mentioned in RFP. If additional bandwidth required in future to meet desired RTO/RPO, bank shall procure the same through a change request. Bidder has to communicate such requirement to bank in timely manner

28	Page 26 / Technical Scoring	b.4 Proposed Solution Strength	Cyber Security solution strength and management. Approach for integration of proposed security tool with Bank's existing C-SoC setup/SIEM	Bidder has to make logs available generated by DC, DR & NDR devices etc.for exisitng and new infra during the entire contract period. Bidder has to coordinate with Bank's exisitng SOC service provider for log integration.
29	Page 33 - Award of Contract	3.38	THE NAINITAL BANK LTD. may, at any time, terminate the contract by giving written notice of -30- days to the vendor without any compensation, if the vendor becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to THE NAINITAL BANK LTD. If at any point during the contract, if the vendor fails to, deliver as per the tender terms and conditions or any other reason amounting to disruption in service, the Termination and Exit Management clause to be incorporated in contract, will be invoked.	Refer Pg. 33 Pt. 3.38 Termination and Exit Management clause to be incorporated in contract
30	Page 38/ Section III	Arbitration	General Conditions of Contract and Service Levels Agreement – Arbitration	Last line of Arbitration "The right to appoint arbitrator shall lie with the bank only" shall be read as "Both parties will appoint one arbitrator each. Both the appointed arbitrators together, shall nominate third arbitrator with mutual consensus."
31	Page 28 /3.32. Evaluation of Technical Bids/Annexure I	Sl No. 4	The temperature in the server hall should be maintained at 20 +/- 5 deg C	Please read this clause as: Temperature in the server hall should be 22 +/- 2 as Rated 3 guidelines/standards

32	Page 58 / 6. Section V: Scope of Work	b. Phase 2 of IT Infrastructure includes:	vii. Ship one copy of monthly data out to The Nainital Bank's Head Office at Nainital or RDC Haldwani or any preferred location decided by the Bank.	A Tape Vault which can store 24 nos. LTO Tapes is required to store tapes and two Waterproof Case (store upto 5 LTO tapes) for offsite movement of tapes to be supplied by bidder as part of their solution. Cost of the same to be included with Tape library in commercial format
33	Page 58 / 6.1. Detailed Scope of Work:	b.Phase 2 of IT Infrastructure includes	v. Designing, implementation and Configuration of Windows Active Directory Environment up to branch level (End user). Bidder need to Consider 1000 CAL for Active Directory.	Bidder has to implement (including creation of users, groups and policy) Active Directory is in High-availability in DC & standalone at DR as a new solution and needs to setup its replication from DC to DR.
34	Page 58 / 6.1. Detailed Scope of Work:	b. Phase 2 of IT Infrastructure includes:	vi. Disk based backup for 15 daily backups, 8 weekly backups, and 13 monthly and 11 yearly backups.	50TB capacity in secondary storage is included for data backup purpose. If it goes beyond 50TB capacity, bank shall purchase the same
35	Page 58, Section 6.1 Detailed Scope of Work	b. Phase 2 of IT Infrastructure includes: VI.	Disk based backup for 15 daily backups, 8 weekly backups, and 13 monthly and 11 yearly backups.	Secondary storage has been sized 50TB for backup and 30TB for log archival. If this goes beyond 80TB then bank shall buy required capacity through a change request.
36	Page 58/ 6.1. Detailed Scope of Work:	b. Phase 2 of IT Infrastructure includes:	iv. All the system logs should be properly stored for the period of 6 months & archived for future analysis with retention of 10 years. These Log Sources should be enabled for syncing at SOC Location of THE NAINITAL BANK LTD as per Bank guidelines.	30TB capacity for 2 years archival data retention is included in Secondary storage. Bank shall procure if additional capacity is required as a change request once it is consumed.
37	Page 58/ 6.1. Detailed Scope of Work:	b. Phase 2 of IT Infrastructure includes: clause iv	iv) All the system logs should be properly stored for the period of 6 months & archived for future analysis with retention of 10 years. These Log Sources should be enabled for syncing at SOC Location of THE NAINITAL BANK LTD as per Bank guidelines.	Bidder to provide servers as per table 6.8 Application sizing requirements for log servers. Log Management software is already there with Bank

38	Page 58/ 6.1. Detailed Scope of Work:	b. Phase 2 of IT Infrastructure includes:	3 new points added	Below 3 points added in addition to existing 7 points: viii) Bidder should include advance security component installation as per the details covered under Point 8 Annexure-B i.e. Cyber Security Technical and Functional Compliance ix) Configuration testing of DRM/RPO/RTO x) Integration of logs of new devices with SIEM
39	Page 59 / 6. Section V: Scope of Work	6.1. Detailed Scope of Work:	m) Bank has a requirement of 1500 end users desktops/laptops and bidder has to provide Anti-virus and patch management solution with maintenance for the same along with required infrastructure/Virtual Machine/Operating system etc.	Please read this clause as: m) Bank has a requirement of operating system patch management & anti-virus/end point security for 1500 end users desktops/laptops. Bidder has to provide Anti-virus/end point security and patch management solution with maintenance for the same along with required infrastructure/Virtual Machine/Operating system etc. at DC & DR sites. Cost of the same to be mentioned against end point security item in Table-B & Table-G in commercial bid format
40	Page 59 / 6. Section V: Scope of Work	6.1. Detailed Scope of Work:	m) Bank has a requirement of 1500 end users desktops/laptops and bidder has to provide Anti-virus and patch management solution with maintenance for the same along with required infrastructure/Virtual Machine/Operating system etc.	details shall be shared with successful bidder.
41	Page 59 / 6.1. Detailed Scope of Work:	i	l) Bidder has to provide the antivirus servers and patch management servers at DR Location for DC, DR, NDR and end users.	Clause shall be read as: l) Bidder has to provide the antivirus servers and patch management servers at DC and DR Location for end

				point security and for HIPS solution of DC, DR servers
42	Page 59 / 6.1. Detailed Scope of Work:	S. No - l	l) Bidder has to provide the antivirus servers and patch management servers at DR Location for DC, DR, NDR and end users.	Clause shall be read as: l) Bidder has to provide the antivirus servers and patch management servers at DC and DR Location for end point security and for HIPS solution of DC, DR servers
43	Page 59 (ITSM Software)	i)	Implementation and commissioning of ITSM Software for, management, monitoring, helpdesk & ticketing, Asset management, incident, problem and change management as part of the solution in subscription model. Proposed ITSM software should be leader in latest Gartner's magic quadrant.	Clause shall be read as: Implementation and commissioning of ITSM Software for, management, monitoring, helpdesk & ticketing, Asset management, incident, problem and change management as part of the solution in subscription model. Proposed ITSM software should be leader in latest Gartner's magic quadrant or Leader in Forrester Wave report
44	Page 61/Telecom - Scope of Work	b)	Internet bandwidth 8 Mbps (1:1) with 1 Gbps of DDoS mitigation at DC and DR sites	Clause shall be read as: Internet bandwidth 10 Mbps (1:1) with 1 Gbps of DDoS mitigation at DC and DR sites

				Clause shall be read as: p) Complete ownership of integration various components as a functional solution, Installation, testing, commissioning and operations and management of supplied items as per BOQ is bidder's responsibility. Bidder shall be responsible to supply and install minor components required to make solution functional e.g. patch cords, cables, connectors, ports etc. as per scope of the RFP
45	Page 60 / 6.1. Detailed Scope of Work:	p)	p) Complete ownership of integration various components as a functional solution, Installation, testing, commissioning and operations and management of supplied items as per BOQ is bidder's responsibility. Bidder shall be responsible to supply and install minor components required to make solution functional e.g. patch cords, cables, connectors, ports etc.	
46	Page no. 60/ Section V Scope of work	r)	Items being used in OPEX model and are dedicated to Bank, Nainital Bank Ltd can take ownership of the same after paying Net Present Value (NPV) of the respective item.	NPV criteria will be defined during signing of agreement
47	Page 62/Telecom - Scope of Work	Last mile Links	Last mile Links	There should be ports on proposed CPE devices to connect with switches on Ethernet. WAN ports on each devices should be as per bidder's proposed solution e.g. Serial , 3G/4G, VSAT, RF, WiMax connectivity's at respective location devices
48	Page 62/ Telecom - Scope of Work	Last Mile Links - Note 1	The hand-off at all locations should be on Ethernet	There should be ports on proposed CPE devices to connect with switches on Ethernet. WAN ports on each devices should be as per bidder's proposed solution e.g. Serial , 3G/4G, VSAT, RF, WiMax connectivity's at respective location devices

49	Page 62 / 6. Section V: Scope of Work	Telecom - Scope of Work Note: 2.	3G/4G are not considered as last mile for site implementation. However, bank may allow installation of 3G/4G at some locations as backup link under exceptional circumstances where roof top permissions are not available for RF/VSAT delivery. Unmanaged service can be provided for such backup link delivered on 3G/4G (If any)	This shall be allowed in exceptional circumstances where no other option is available.
50	Page 62 / 6. Section V: Scope of Work	Telecom - Scope of Work Note: 3.	VSAT to be provided should support minimum 128 Kbps downstream with burstable to 192 Kbps and 64 Kbps upstream with burstable to 128 Kbps	Bank's Bandwidth requirement is mentioned in table 10. Annexure D - Telecom Location. This is minimum requirement of the bank. Any overhead including SD-WAN shall be provisioned by bidder in their solution. Overheads has be provisioned by bidder over and above mentioned bandwidth in the RFP
51	Page 62 / 6. Section V: Scope of Work	Last Mile Links -d	d) VSAT links should not be more than 10% of total locations.	There should not be any impact on connectivity due rain or clouds in the sky.
52	Page 62 -CPE Device	d)	d) The SDWAN CPE Solution providing OEMs must be listed as 'Leaders', 'Challengers' or 'Visionaries' in Gartner's report "Magic Quadrant for WAN Edge Infrastructure"	Clause shall be read as: The SDWAN CPE Solution providing OEMs must be listed as 'Leaders', 'Challengers' or 'Visionaries' in latest released Gartner's report "Magic Quadrant for WAN Edge Infrastructure"
53	Page 63 / 6. Section V: Scope of Work	CPE Devices , S. No - (h)	The SDWAN centralised controller should be hosted within India, in HA mode and should be in different geo-seismic zones.	Clause shall be read as: The SDWAN centralised controller should be hosted within India, in manual switchover /HA mode and should be in different geo-seismic zones.

54	Page 63 / 6. Section V: Scope of Work	Management - Point no (G)	For new locations bidder will not take more than 3 weeks for at-least 1 link commissioning and maximum additional 2 weeks for backup link.	Clause shall be read as: For new locations bidder will not take more than 4 weeks for at-least 1 link commissioning and maximum additional 2 weeks for backup link.
55	Page 63 / 6. Section V: Scope of Work	Management	b) The bidder should provide NMS (hardware and software) tool and configure the same to monitor and manage all the transport media terminated on the CPE. This includes the transport media which the bidder proposes to procure from alternative service providers during the entire period of contract.	NMS/EMS/ITSM etc. are expected to be provided by bidder in subscription/OPEX model and must be accessible by managed services team for Nainital Bank Ltd. Bidder can provide the service from their own NOC or from proposed Data Center/DR.
56	Page 71	Important Points for sizing considerations and solution:	Oracle database licenses for number of cores mentioned in above table shall be provided by Nainital Bank Ltd. Oracle Database installation, configuration, performance tuning and operations of databases shall be done by the bidder during contract period. If any license like Oracle, SQL required for bidder's proposed solution that should be provided by the bidder as part of their solution.	Yes, for CBS application bank shall provide database licenses
57	Page No 71 / 6.8. Application sizing requirements	Important Points for sizing considerations and solution:	Oracle Database shall use for application modules mentioned in above table. Proposed Virtualization software must be supported by Oracle as Hard Partitioning to optimize/Limit Oracle database licenses on x86 server platform.	Please read this clause as: Oracle Database shall use for application modules mentioned in above table. Proposed Virtualization software for Database Server(s) must be supported by Oracle as Hard Partitioning to optimize/Limit Oracle database licenses on x86 server platform.
58	Page-71 / 6.8. Application sizing requirements	Important Points for sizing considerations and solution:	Log server at DC & DR has to be physical and should be supplied with requisite Windows OS.	Log servers can be virtualized. Please refer table 6.8. Application sizing requirements for Operating system and sizing. Bidder to propose Operating system and server configuration as per table.

59	Page No. 73/6.9. Minimum Bill of material for DC, DR and NDR Site	Point No. 32 of Table	Infrastructure Hosting Services Racks	as per bidder's proposed solution
60	Page No. 73/6.9. Minimum Bill of material for DC, DR and NDR Site	Point No. 31 of Table	Cross Connect of 100 Mbps	Number of cross connects in DC, DR and NDR sites shall be as per bidder's proposed solution. Bidder has to consider cost of required number cross connects in their solution and commercial bid. If bidder doesn't require Cross Connects in their proposed solution then they should quote ZERO cost in commercial bid.
61	Page No. 73/6.9. Minimum Bill of material for DC, DR and NDR Site	Point No. 32 of Table	Infrastructure Hosting Services Racks	Number of racks, and type of Rack shall be as per bidder's proposed solution at DC, DR and NDR locations. Bidder has to quote all the racks required for their proposed solution in commercial bid.
62	Page No. 73/6.9. Minimum Bill of material for DC, DR and NDR Site	Point No. 32 of Table	Infrastructure Hosting Services Racks	Data Centre cabling to connect devices/solution proposed by bidder as per scope of this RFP
63	Page No. 73/6.9. Minimum Bill of material for DC, DR and NDR Site	Point No. 32 of Table	Infrastructure Hosting Services Racks	as per bidder's proposed solution
64	Page No -83	7.3. Core Switch Sr.No -12	The Switch should support IPv4 DHCP Server serving IP addresses for multiple DHCP pools/scopes	Clause deleted

65	Page No -83	7.3. Core Switch Sr.No -13	The switch should Support DHCP options	Clause deleted
66	Page No 102 / NGFW	Point No 24	This should be a cloud base unknown malware analysis service with guaranteed protection signature delivery	Clause deleted
67	Page 72 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	17	Red Hat Enterprise Linux Server, Unlimited VMs - Latest Version	This is minimum requirement. bidder to provide licenses as per proposed solution and requirement mentioned in table 6.8. Application sizing requirements
68	Page 72 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	18	Red Hat Enterprise Linux Server with High-Availability, Upto 2 VM's -Latest Version	This is minimum requirement. bidder to provide licenses as per proposed solution and requirement mentioned in table 6.8. Application sizing requirements
69	Page 72 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	19	Microsoft Windows Operating System 2-Core Std Licenses for Server Type - 4	This is minimum requirement. bidder to provide licenses as per proposed solution and requirement mentioned in table 6.8. Application sizing requirements
70	Page 72 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	21	Microsoft Windows Operating System 2 Core Std Licenses for Server Type - 6	This is minimum requirement. bidder to provide licenses as per proposed solution and requirement mentioned in table 6.8. Application sizing requirements
71	Page 72 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	22	Microsoft Windows Operating System 2 Core Std Licenses for Server Type - 4	This is minimum requirement. bidder to provide licenses as per proposed solution and requirement mentioned in table 6.8. Application sizing requirements

72	Page 72 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	6.9. Minimum Bill of material for DC, DR and NDR Site:	We understand that Bidder is responsible to supply, implement and operate BoQ mentioned in thr RFP(Hardware, Software, Licenses, Telecom etc.). In future if bank wants to deploy new application or additional Hardware, Software, Licenses , Telecom etc. for the existing CBS application due to growth and performance issue shall be procured by Bank separately as a change request .	Yes, bidder is responsible for supply, implement & integrate the supplied solution as per scope of this RFP. New or future requirements are not part of this RFP scope.
73	Page 72 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	20. Microsoft Active directory CAL License	Microsoft Active directory CAL License -1000	As of now Bank's requirement is 1000 CALs for Active Directory.
74	Page 72 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	15	Primary Storage - Unified Storage with SSD 20 TB Usable Capacity	Please refer table 6.8. Application sizing requirements for complete sizing. Bidder to propose storage as per table and their solution
75	Page 73 / 6.9. Minimum Bill of material for DC, DR and NDR Site	Point no 29.	Jboss Enterprise Application Platform 51 Cores	Bidder has to provide license as per table "6.8. Application sizing requirements" and respective OEM policy
76	Page 73 / 6.9. Minimum Bill of material for DC, DR and NDR Site	Point No 30 .	Jboss Web Server 30 cores	Bidder has to provide license as per table "6.8. Application sizing requirements" and respective OEM policy
77	Page 73 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	33 & 34	33.Managed Services and ITSM Software for proposed solution 34. Antivirus / Host IPS Solution(for all Physical and virtual servers Proposed)	Licenses Quantity should be as per bidder's proposed solution to meet RFP requirements
78	Page 73 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	S. NO - 42	DDOS 1Gbps Mitigation at ILL	If bidder is including DDoS cost with ILL link then they can quote ZERO value for this item.
79	Page 73 /6.9	Minimum Bill of material for DC, DR and NDR Site:	Pt. 43 modified and Table replaced with new table	Refer corrigendum below for new table

80	Page 73/ 6.9. Minimum Bill of material for DC, DR and NDR Site:	36	Privileged Identity Management, Quantity of PIM licenses for DC mentioned as 20.	20 are Number of users for PIM
81	Page no- 73 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	AAA Solution	AAA Solution- Specification missing	Bidder can propose AAA solution to meet solution requirement and scope of this RFP.
82	Page no- 73 / 6.9. Minimum Bill of material for DC, DR and NDR Site:	AAA Solution	AAA Solution- Qty 1 in DC	Yes, it shall be required at DR site as well. Pg. 73 Clause 6.9 Pt. 43 DR qty to be read as 1 Pg 161 Table B Pt. 14 DR qty to be read as 1 Pg 212 Table G Pt. 43 DR qty to be read as 1
83	Page 73/6.9. Minimum Bill of material for DC, DR and NDR Site:	38	Multi-Factor Authentication with dedicated Solution in High- availability	Clause shall be read as: Multi-Factor Authentication with Solution in High- availability
84	Page 74 / 6.10 Schedule II: Operation and Maintenance Services	Technical Support	The bidder has to provide a dedicated onsite resource at location decided by Bank during bank's working hours for co-ordination with technical team of the selected bidders and Nainital Bank Ltd. Deputed resource will do the following activities:	Clause shall be read as: The bidder has to provide a dedicated onsite experienced resource (SPOC) at Bank's decided location during bank's working hours for co-ordination with technical team of the selected bidder and Nainital Bank Ltd. Deputed resource will do the following activities (as per RFP):

85	Page 78/ 6.13Database Adminitration	6.13 Database Administration	Additional points added	Database Administrator would perform the following activities but not limited to: • Responsible for installation and maintenance of Oracle Database for different environments including Production, Testing, Training, Development • Responsible for performance monitoring and performance tuning of the databases • Responsible for routine database administration • Responsible for database recovery in case of crash or loss • Responsible for uptime of the database • Attend to support and troubleshooting calls from end users – related to Hardware equipment including peripheral devices / special purpose devices.
86	Page No 88 / 7.6. Primary Storage	S. No -7	The proposed storage shall be supplied with 20TB usable capacity on RAID6 or eqvailent using SSD/Flash	Minimum storage requirement is 20TB usable capacity on RAID6 or eqvailent using SSD/Flash. Bidder has to ensure that capacity mentioned in table "6.8. Application sizing requirements" is met by bidder's solution.
87	Page No 98 / 7.12. Virtualization Software	1. Bare Metal Solution	Sits directly on the bare metal server hardware with no dependence on a general-purpose OS for greater reliability & security and should be Leaders in the Gartner's Magic Quadrant for at least last 5 years in a row.	Clause shall be read as: Sits directly on the bare metal server hardware with no dependence on a general-purpose OS for greater reliability & security."
88	Page 82/ 7.2. Rack Server Specifications	4. Memory	Memory - AS per Sizing table mentioned	Scalability of Memory - The Maximum scalability of memory should be 2 TB in supplied servers

89	Page 82/ 7.2. Rack Server Specifications	7. HDD	HDD - AS per Sizing table mentioned	Proposed servers should support SAS/SATA/SSD drives and should be supplied as per sizing table
90	Page 82/ 7.2. Rack Server Specifications	5. PCI/ PCI Express Slots	Min 1 PCI-e (Express) 16 x free slot after catering all the requirements	Clause shall be read as: Min 1 PCI-e (Express) x16 free slot after catering all the requirements
91	Page 82/ 7.2. Rack Server Specifications	8. HDD controller	SAS/SATA/SSD Raid controller capable of providing RAID 0, 1, 5 configurations	Clause shall be read as: "SAS/SATA/SSD Raid controller capable of providing RAID 0, 1, 5 configurations with at least 2 GB Cache.
92	Page 83 /7.3. Core Switch	1	The switch should have 48x10Gig ports/slots, populated with 4 nos. of 10 Gig Single Mode transceiver & 12 nos. of 10 Gig multimode transceivers. Should have minimum 20GB DRAM and 40GB Flash.	Clause shall be read as: The switch should have 48x10Gig ports/slots, populated with 4 nos. of 10 Gig Single Mode transceiver & 12 nos. of 10 Gig multimode transceivers.
93	Page 83/7.2. Rack Server Specifications	20 Security	b) Server should provide Anti-counterfeit and hardware policy based security	Clause amended as: a) The server should provide cryptographic firmware updates b) Server should provide hardware policy based security C) The server should provide Silicon/Hardware root of trust

94	Page No -83	7.3. Core Switch Sr.No -12	The Switch should support IPv4 DHCP Server serving IP addresses for multiple DHCP pools/scopes	Clause deleted
95	Page No -83	7.3. Core Switch Sr.No -13	The switch should Support DHCP options	Clause deleted
96	Page 84 /7.3. Core Switch	31	The switch must have minimum 40mb buffer from day 1	Clause shall be read as: The switch must have minimum 32mb buffer from day 1
97	Page 84 /7.3. Core Switch	33	Switch support MPLS segment routing.	Clause deleted
98	Page 84/7.3. Core Switch	29	The proposed switches should be part of Gartner Leader Quadrant for DC Networking for last 2 years	Clause shall be read as: The proposed OEM should be part of Gartner Leader Quadrant for DC Networking for last 2 years
99	85/ 7.4 Access, Staging Switch	5	Should support Layer3 protocols: BGP, VXLAN, OSPF, RIP, Static routes, VRFs multicast protocols PIM-SM, SSM, MSDP	Clause shall be read as: Should support Layer3 protocols: BGP, VXLAN, OSPF, RIP, Static routes, VRFs multicast protocols PIM-SM, SSM, MSDP/MLD
100	Page No. -86 /7.4. Access, Staging Switch	S. no - 30	The proposed switches should be part of Gartner Leader Quadrant for DC Networking for last 2 years	Clause shall be read as: The proposed OEM should be part of Gartner Leader Quadrant for DC Networking for last 2 years
101	Page 86 /7.4. Access, Staging Switch	32	The switch must have minimum 40mb buffer from day 1	Clause shall be read as: The switch must have minimum 32mb buffer from day 1
102	Page 87/7.6. Primary Storage	4 Protocols Supported	The storage should a true unified storage configured with iSCSI, FC, NFS (NFSv3, NFSv4, NFSv4.1) SMB (SMB2 & SMB3) and pNFS protocols for use with different applications and should support the maximum capacity offered by the storage system	Clause shall be read as: The storage should a true unified storage configured with iSCSI, FC, NFS (NFSv3, NFSv4, NFSv4.1) SMB (SMB2 & SMB3) protocols for use with different applications and should support the maximum capacity offered by the storage system

103	Page 87/Primary Storage |Section 7.6 | Storage Controller	3	Storage should be propose with at least dual redundant, hot and swappable controllers for high-availability. Proposed array should be non disruptively scalable to 8 controllers.	Clause should be read as: Storage should be propose with at least dual redundant, hot and swappable controllers for high-availability. Proposed array should be non disruptively scalable to 4 controllers.
104	Page 88/7.3 Core Switch	14	Dynamic Routing protocol support like OSPF, VXLAN, BGP, EVPN, ISIS or MPLS, VRFs, multicast protocols - PIM-SM, SSM, MSDP	Clause shall be read as: Dynamic Routing protocol support like OSPF, VXLAN, BGP, EVPN, ISIS or MPLS, VRFs, multicast protocols - PIM-SM, SSM, MSDP/MLD
105	Page 88/7.6. Primary Storage	5 Storage Media	Offered storage shall support various SSD capacities drives from 960GB, 3.8TB, 7.6TB, 15.3TB and 30.6TB SSD drives.	Clause shall be read as: Offered storage shall support various SSD capacities drives from 960GB, 3.8TB, 7.6TB and 15.3TB SSD drives.
106	Page 88/7.6. Primary Storage	9 High Availability	The unified storage system must be configured to continuously serve data in event of any controller failure. In addition to this, it must also be possible to withstand failure of any 2 disks & 3 disks. System should offer capability for 2 disks and 3 disks data parity protection. if the vendor doesn't support 3 disk data protection then they should provision a hot spare for every 10 disks.	Clause shall be read as: The unified storage system must be configured to continuously serve data in event of any controller failure. In addition to this, it must also be possible to withstand failure of any 2 disks. System should offer capability for 2 disks data parity protection. if the vendor doesn't support 2 disk data protection then they should provision a hot spare for every 10 disks.
107	Page 88/Primary Storage |Section 7.6 | Scalability	8	Proposed All Flash Array should support minimum 130 drives and should scale up to 2000 Drives by adding controllers	Clause shall be read as: Proposed All Flash Array should support minimum 130 drives and should scale up to 600 Drives by adding controllers

108	Page 89 / 7.6. Primary Storage	19 WAN optimization	Proposed solution should support bandwidth optimization features for reducing WAN bandwidth requirement deduplication, compression and encryption. Bidders not having native bandwidth optimization feature should include additional WAN optimization devices	As per RFP. This feature is required to optimize bandwidth requirement for replication. If Storage OEM doesn't provide this feature in their storage then third party WAN optimization solution should be provided
109	Page 89 / 7.6. Primary Storage	21. OS Support	Microsoft Windows 2000, Windows Server 2003, Windows Server 2008, Windows Server 2012, Windows Server 2016, Linux, Oracle Solaris, AIX, HP-UX, Mac OS, VMware, ESX	Microsoft Windows Server, Linux, Oracle Solaris, AIX, HP-UX, Mac OS, VMware, ESX
110	Page 90 / 7.7. Secondary Storage	4. Drive Support	The proposed system should not exceed the disk size of 4TB per disk and must support intermixing of SSD , SAS and SATA drives to meet the capacity and performance requirements of the applications.	Clause shall be read as: The proposed system should support must support intermixing of SSD , SAS and SATA drives to meet the capacity and performance requirements of the applications. Usable capacity should be configured on drive less than 6TB capacity.
111	Page 90/ 7.6. Primary Storage	22. Storage License	Proposed array should include license for Sync and Async Replication, Thin provisioning, Snapshots, Clones. Also should include application aware backup for Oracle, SQL, SAP, Exchange, SharePoint, VMware, Hyper-V etc. All the required or necessary licenses must be perpetual and provided for the usable capacity of the storage including license for management module.	Clause shall be read as: Proposed array should include license for Sync and Async Replication, Thin provisioning, Snapshots, Clones. All the required or necessary licenses must be perpetual and provided for the usable capacity of the storage including license for management module.
112	Page 93 / 7.9. SAN switch	3	Switch SFP's should support the 4/8/16/32 Gbps of host connection.	Clause shall be read as: "Switch SFP's should support the 8/16/32 Gbps of host connection."

113	Page 95 /7.10 DRM Software	S. No - 16	The DR Management solution should be tested and certified by an A2LA Accredited Organization to ensure that there are no security vulnerabilities which can be exploited	Clause deleted
114	Page 95/7.10 DRM Software	S. No - 14	The DR Monitoring and Management software must be available in India market for more than 5 years and running in at least 15 large PSU/government organizations	Clause deleted
115	Page 96 / 7.11. Backup Software	4	Backup software - point 4 - The proposed solution should be able to backup end user's desktop & laptops	Bidder has to take DC & DR data backup as per bank policy
116	Page 96/7.11. Backup Software	1	Backup software must be present as Leaders in Gartner's Magic Quadrant for backup software for at least 3 years in last 5 years.	Clause shall be read as: Backup software must be present as Leaders in Gartner's Magic Quadrant or Forrester Wave for backup software for at least 3 years in last 5 years.
117	Page 98/7.11. Backup Software	35	Proposed backup software should be able to take backup and restore data at DC and DR both sites. If any license or server required for the same to be provided by the bidder.	Bidder has to provide the license as per OEM policy and their solution it should be factored for minimum 20TB front end capacity of primary storage or number of sockets in servers proposed by bidder in their solution.
118	Page 98/7.11. Backup Software	29	Should support software based de-duplication to support any storage system, cloud repository and object storage as de-duplicated disk target. Based on policy backup software should be able to move data to a tape library automatically. The proposed backup solution should support snapshot based backup from various vendors such as Hyper flex, HP 3PAR, EVA, Fujitsu Eternus, Oracle ZFS, Infinidat, Solidfire, Huawei, Tintri,etc.	Clause shall be read as: Should support software based de-duplication to support any storage system, cloud repository and object storage as de-duplicated disk target. Based on policy backup software should be able to move data to a tape library automatically. The proposed backup solution should support snapshot based backup from various vendors such as Hyper flex, HP 3PAR, EVA, Oracle ZFS, Solidfire, NetApp etc.

119	Page 98/7.11. Backup Software	33	It should support the following algorithms and provide better security in deployment across sites - BLOWFISH, GOST, Serpent, AES, Twofish, 3-DES.	Clause shall be read as: It should support the following algorithms and provide better security in deployment across sites - BLOWFISH/GOST,/Serpent, AES, Twofish/3-DES.
120	Page 98/7.11. Backup Software	31	Backup software should have the ability to archive data and create a single repository for backup and archive for space efficiency and easier data management.	As Per RFP. Bidder can propose additional software to meet the functionality
121	Page 99/ 7.12. Virtualization Software	4. Live Migration	Live migration of VM disk from one storage array to another without any VM downtime. Support this migration from one storage protocol to another eg: FC, NFS, iSCSI, DAS.	Clause shall be read as: Live migration of VM disk from one storage array to another without any VM downtime. Support this migration from one storage protocol to another eg: FC, NFS, iSCSI
122	Page 102 /8.1 NGFW (Firewall+IPS+URL+ zero day + Anti-virus/Anti-Bot)	21	The proposed firewall shall have on box Anti-Virus/Malware, Anti Spyware signatures and should have minimum signatures update window of 600 seconds.	Clause shall be read as: The proposed firewall shall have on box Anti- Virus/Malware, Anti Spyware signatures and should have minimum signatures.
123	Page 106 / Anti-APT Specifications	26	Number of VM's should be atleast 12	Clause deleted
124	Page No 110-8.3 - Server Load Balancer with WAF	40	System supports hardware based SSL acceleration OR standard SSL functionality built into the latest CPU's from Intel and AMD SSL which include stack optimizations and optimized instruction set code like RSAX, AVX,AVX-2, MULX, ADCX, ADOX, RORX, and RDSEED	Clause shall be read as: System supports hardware based SSL acceleration OR standard SSL functionality which include stack optimizations and optimized instruction set code like RSAX, AVX,AVX-2, MULX, ADCX, ADOX, RORX, and RDSEED

125	Page 108/ Server Load Balancer with WAF	4	The proposed solution should have a Central Management station which support Auto-Discovery, Integration and Orchestration of the underlying cloud on which it has been deployed	Clause shall be read as: The proposed solution should have a Central Management station which support Auto-Discovery, Integration and Orchestration of the underlying virtual infra on which it has been deployed
126	Page 113 8. Annexure B: Cyber Security Technical and Functional Compliance	8.5 Endpoint security Sr no - 19	Should have the capability to assign a client the privilege to act as an update agent for rest of its peer endpoints for a location.	Clause shall be read as: should have capability to update endpoints from central server and internet with flexibility of scheduled updates
127	Page 114/ 8.5 Endpoint security	40	Solution should be agent based for managing all critical components for comprehensive security on endpoint (AV, Anti spyware, device control, Application control, desktop firewalls, desktop HIPS etc.)	Clause deleted
128	Page 120/8.8 Multi Factor Authentication	New Clause	New point added	New point added in additional to exisiting points- 7. Solution should be hosted in proposed DC, DR location
129	Page 121/8.9 PIM	19	S.M.A.R.T. Audit Trails for user activity tracking	Clause shall be read as: Audit Trails for user activity tracking
130	Page 121 / 9. Annexure C: Telecom Technical and Functional compliance	Annexure C: Telecom Technical and Functional compliance 9.1 SDWA , S. No -2	The SDWAN CPE Solution providing OEMs must be listed as 'Leaders', 'Challengers' or 'Visionaries' in Gartner's report "Magic Quadrant for WAN Edge Infrastructure	Latest released Gartner Magic Quadrant

131	Page No 121 / 9.1 SDWAN Sr no - 3	9.1 SDWAN Sr no - 3	The proposed SD-WAN solution should have the following minimum features: Application visibility and Analytics, Centralized Orchestration & Policy Management, Transport Independent Overlay solution, Application Aware Routing, Performance based App Aware Routing & Load Sharing, Segmentation & Dynamic Topologies, Application based QoS, Security & Encryption, Managed service offering, Self service Portal etc	Clause shall be read as : The proposed SD-WAN solution should have the following minimum features: Application visibility and Analytics, Centralized Orchestration & Policy Management, Transport Independent Overlay solution, Application Aware Routing, Performance based App Aware Routing & Load Sharing, Segmentation & Dynamic Topologies and Application based QoS.
132	Page No 121 / 9.1 SDWAN Sr no - 3	9.1 SDWAN Sr no - 5	The last mile at branch/ other locations to be WIRED/ WIRELESS -RF/VSAT only. The proposed CPE device should have atleast 2 POE LAN ports.	Clause shall be read as : The last mile at branch/ other locations to be WIRED/ WIRELESS - RF/VSAT only. The proposed CPE device should have atleast 2 nos. LAN ports.
133	Page-121/ 9.1	6	SDWAN / The bidder should provide NMS (hardware and software) tool and configure the same to monitor and manage all the transport media terminated on the CPE.	Clause shall be read as: NMS/EMS/ITSM etc. are expected to be provided by bidder in subscription/OPEX model and must be accessible by managed services team for Nainital Bank Ltd. It must be deployed in bidder's/Service Provider DC/NOC along with required hardware/software.
134	Page-122 / 10. Annexure D - Telecom Location			Bidder has to provision an MPLS link from existing Data centre to proposed data centre for the period of 1 year
135	Page No 122 / 10. Annexure D - Telecom Location	10. Annexure D - Telecom Location	Location BW details	Bank's Bandwidth requirement is mentioned in table 10. Annexure D - Telecom Location. This is minimum requirement of the bank. Any overhead including SD-WAN shall be provisioned by bidder in their solution. Overheads has be provisioned by

136	Page 122 / 10. Annexure D - Telecom Location	S. No - 7	Point to Point link between proposed NDR to proposed DR	bidder over and above mentioned bandwidth in the RFP
				Bidder can proposed MPLS, P2P or dark fibre to meet the bank's requirement of RPO. Minimum bandwidth to be provisioned as asked in RFP for replication
137	Page 122 / 10. Annexure D - Telecom Location		Table Content column No 2 and 3 self contradictory . Link will be either MPLS or P2P.	MPLS links (Refer revised table attached herewith)
138	Page 122,/ 10. Annexure D - Telecom Location	S. No - 6	Point to Point link between DC to DR	Bidder can propose P2P link or separate MPLS as per their solution requirement. if MPLS is proposed then bidder has to factor DC-DR replication bandwidth mentioned in RFP which shall be used for replication. This should dedicated for replication purpose.
139	Page 122/10.Annexure D - Telecom Location	Pt. 6	Point to Point link between proposed DC to proposed NDR	Link 1 and Link 2 bandwidth to be read as 20 Mbps each (Refer revised table attached herewith)
140	Page 156 / Section VI	11. Section VI : Financial Bid Format	Summary Serial No. 10 - Amortization, Subscription, Telecom & Managed Services during Application implementation phase (X Months)	Bidder has to quote per month price. Refer revised in corrigendum
141	Page 156/ Section VI	Summary : Supply, installation, testing and commissioning (SITC) of ICT infrastructure	Pt. 6 and 10 modified and Table replaced with new table	Refer corrigendum below for new table

142	Page 157- Financial Bid Format	11. Section VI Terms & Condition point no. 4	CAPEX & OPEX ratio shall be reasonable and realistic, a bid may not be considered for Final Evaluation if the total CAPEX Value happens to be more than 60% of the overall bid value	This ratio is be maintained at the time of L1 Calculations
143	Page 161/ Table B		Pt. 14 modified and Table replaced with new table	Refer corrigendum below for new table
144	Page 161/Table B - BOQ-DC-DR(OPEX)	12	Multi-Factor Authentication with dedicated Solution in High- availability	Clause shall be read as: Multi-Factor Authentication with Solution in High- availability
145	Page 162/ Table C		Pt. 3 removed and Table replaced with new table	Refer corrigendum below for new table
146	Page 164/ Table E		Pt. 2 removed and Table replaced with new table	Refer corrigendum below for new table
147	Page 165 / 11. Section VI : Financial Bid Format	Table F -Telecom	General	Bank's Bandwidth requirement is mentioned in table 10. Annexure D - Telecom Location. This is minimum requirement of the bank. Any overhead including SD-WAN shall be provisioned by bidder in their solution. Overheads has be provisioned by bidder over and above mentioned bandwidth in the RFP
148	Page 165 / 11. Section VI : Financial Bid Format	Table F -Telecom	General	Please read this as MPLS VPN (Refer revised table attached herewith)
149	Page 165 / 11. Section VI : Financial Bid Format	Table F -Telecom	General	Minimum bandwidth requirement is specified in the RFP by Bank. If additional bandwidth is required to meet RTO/RPO, bank shall purchase the same as per requirement in future. This should be as per bidder's proposed solution
150	Page 165/ Table F - Telecom	Pt. 6.	Point to Point link between proposed DC to proposed NDR	Link 1 and Link 2 bandwidth to be read as 20 Mbps each (Refer revised table attached herewith)

151	Page 212/ Table G		Pt. 43 modified and Table replaced with new table	Refer corrigendum below for new table
152	Page 212/Table G - BOQ-DC-DR-NDR- (AMC- 6th & 7th year)	38	Multi-Factor Authentication with dedicated Solution in High- availability	Clause shall be read as: Multi-Factor Authentication with Solution in High- availability
153	Page 111 Point 5/ 8.4 HIPS	HIPS	Verify success or failure of a server	Clause deleted
154	Page 111 Point 8/ 8.4 HIPS	HIPS	Well suited for encrypted and switched environments	Clause deleted
155	Page No. 111/ 8.4 HIPS	HIPS	New point added	New point added Pt. 11 Provides compliance support for PCI DSS 2.0, NIST, HIPPA, SOX
156	Page No. 122 / 10. Annexure D - Telecom Location		Bidder to provide 2 ILL links at DC and DR. As per regulatory, the second ILL link will be on different last mile from Other service provider / different path from same provider. Please confirm.	Bidder to provide Telcom solution as per regulatory norms as on bid submission date.
157	Page No. 162/ Table C	Point 2 of table	Per Rack Rated Power or total rated power at DC,NDR & DR to be specified and per KVA Rate must be specified as rate card for future expansion needs	as per bidder's proposed solution
158	Page No. 162/ Table C	Point 1 of table	Number of cross connect required at DC,DR and NDR to be specified	as per bidder's proposed solution
159	Page No. 164/ Table E	Point 1 of table	Per Rack Rated Power or total rated power at DC,NDR & DR to be specified and per KVA Rate must be specified as rate card for future expansion needs	as per bidder's proposed solution
160	Page No. 164/ Table E	Point 3 of table	Number of cross connect required at DC,DR and NDR to be specified	as per bidder's proposed solution
161	Pg 156. Section VI : Financial Bid Format	Section VI : Financial Bid Format	Serial No. 11 - AMC for Capex for 6th and 7th Year Table G (DC-DR-NDR)	AMC amount shall be paid in Quarterly to bidder after service delivery

162	Pg 156. Section VI : Financial Bid Format	Section VI : Financial Bid Format	Serial No. - Managed Services including Management and monitoring tools DC-DR-NDR (for 5 years)	Pt. 3 of Table C -BOQ- DC-DR-(Subscription) & Pt. 2of Table E - BOQ-NDR (Subscription) of Commercials bid stands deleted
163		Additional clause	Addition of 2 nos of Layer 2 Switches in DC & DR	Bidder can propose, if additional switches are required to meet their proposed solution
164		General Query	General Query	All physical cores
165		General Query	Data migration	It is new setup for CBS and other applications and the respective application vendor will perform data migration activities. Any support from DC DR side will have to be provided by the bidder.
166		General Query	General	Will be provided through Bank's website.
167		General Query	General	Bidder shall be responsible for connecting CPE/Router to existing Network/Switch at Branch
168		General Query	General	10
169		General Query	General	AC
170		New Clause added	New Clause added	The OEM of product offered (Network Switches, SD-WAN, Firewall, Server, Storage) should have Spare Depot in Delhi/NCR and R & D center in INDIA.
171		New Clause added	New Clause added	The OEM of product offered should have 24 x 7 x 365 Technical support with operation toll free number in INDIA
172		General	Modules-physical Core	Second Column is for DC and third Column is for DR in 6.8. Application sizing requirements table. Revised headed is mentioned herewith in corrigendum.

173		General	NDR Qty	Please refer table 6.9. Minimum Bill of material for DC, DR and NDR Site
174		General	Technical Specifications missing for Log Management solution	Log management software is already there with Bank
175		General	SUSE Linux Enterprise Server with unlimited VM's SKU	As per RFP Operating System requirement is mentioned as per application sizing requirement
176		General	Roof Right	Yes
177		New Clause added	New Clause added	It may be noted by bidder that specification, scope of work and functionalities in mentioned in RFP and Corrigendum are minimum and bidder/OEM/Service provider/System Integrator is free to propose higher or better.
178		New Clause added	New Clause added	Bidder shall be responsible for the comprehensive insurance of the CAPEX items since the supply to handing over of the site after successful implementation except software items
179		New Clause added	New Clause added	Bidder can provide company secretary (India) certified document for the completed project (proof of experience) only where NDA is signed. For such projects NDA copy also to be submitted.

3.31 Evaluation of Eligibility Criteria

S. No	Eligibility Criteria	Complied (Yes/No)	Supporting Required
B1	**Below clause Applicable for the Original Equipment Manufacturer (OEM) whose systems / products are quoted or if the OEM is bidding directly**		
1	Must have registered a turnover of INR 500 Crores or above (from Indian Operations only)/ USD 1 billion or above (from global operations) in each year during the last three completed financial years that is financial years - 2017-18, 2018-19 and 2019-20. **Note**: Above clause shall be applicable to Servers, Storage, Network and SD-WAN OEMs who are - • operating in India for last 7 years • R&D centre in India, • 24x7 technical support in India and • availability of spare parts depot in Delhi-NCR. Quoted product should be available in the Indian market and minimum two references of GOI or Public Sector Undertakings (PSUs / PSBs) or Private Banks or Financial Institutions should be submitted.		Audited Financial statements for the financial years 2017-18, 2018-19 and 2019-20*. Certified letter from the Chartered Accountant. The CA certificate in this regard should be without any riders or qualification. Certification from the OEM authorized representative regarding all respective points. Copy of the Credential Letter or Copy of Purchase order from the client's executive and an Undertaking from the bidder on the bidder's letter head confirming the implementation along with the contact details of client's representative.
2	Must be net profit making entity for each year in the last three financial years that is financial years - 2017-18, 2018-19 and 2019-20.		Audited Financial statements for the financial years 2017-18, 2018-19 and 2019-20*. Certified letter from the Chartered Accountant. The CA certificate in this regard should be without any riders or qualification.

S. No	Eligibility Criteria	Complied (Yes/No)	Supporting Required
B2	**Below clause Applicable for the Bidder if submitting bid as a partner of the OEM (Also the OEM whose products are quoted by the partner to meet the criteria mentioned in B1)**		
1	Must have registered a turnover of 200 Crores or above (from Indian Operations only) in each year during the last three completed financial years that is financial years - 2017-18, 2018-19 and 2019-20.		Audited Financial statements for the financial years 2017-18, 2018-19 and 2019-20*. Certified letter from the Chartered Accountant. The CA certificate in this regard should be without any riders or qualification.
2	Must be net profit making entity (from Indian operations) minimum for three financial years out of the last five financial years i.e. :2015-16, 2016-17, 2017-18, 2018-19 and 2019-20. However, the entity should mandatorily be profit making during financial year 2019-20.		Audited Financial statements for the financial years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20*. Certified letter from the Chartered Accountant. The CA certificate in this regard should be without any riders or qualification

*Note: In case the audited financial statements for the financial year 2019-20 are not published till date due to COVID-19 situation, then bidder can submit unaudited financial statements for the same. Such unaudited financial statements should be certified by the authorized CA of the bidder.

6.8 Application sizing requirements

Please read header of table is as below

Modules	VM/Server at DC	VM/Server at DR	Physical Core(s)	RAM	Storage	Operating System	Database	Middleware

6.9 Minimum Bill of material for DC, DR and NDR Site:

S.No	Items	DC Qty	DR Qty	NDR Qty	For Commercial Reference
1	External Physical Firewall - NGFW with UTM (IPS/IDS, AV Gateway, Sandboxing)	2	2	0	OPEX
2	Internal Physical firewall with IPS	2	2	0	OPEX
3	Core Switch 48 port	2	2	0	OPEX
4	Access Switch	4	4	1	OPEX
5	Management Switch	2	2	0	OPEX
6	Staging Switch	2	2	0	OPEX
7	Rack Servers - Server Type 1	7	6	0	CAPEX
8	Rack Servers - Server Type 2	2	2	0	CAPEX
9	Rack Servers - Server Type 3	2	2	0	CAPEX
10	Rack Servers - Server Type 4	3	4	0	CAPEX
11	Rack Servers - Server Type 5	1	0	0	CAPEX
12	Rack Servers - Server Type 6	2	0	0	CAPEX
13	Rack Servers - Server Type 7	1 Lot	1 Lot	0	CAPEX
14	SAN Switch	2	2	1	CAPEX
15	Primary Storage - Unified Storage with SSD 20 TB Usable Capacity	1	1	1	CAPEX
16	Secondary Storage - Storage 80TB Usable for data backup	1	1	0	CAPEX
17	Red Hat Enterprise Linux Server, Unlimited VMs - Latest Version	2	0	0	CAPEX
18	Red Hat Enterprise Linux Server with High-Availability, Upto 2 VM's -Latest Version	20	18	0	CAPEX
19	Microsoft Windows Operating System 2-Core Std Licenses for Server Type - 4	16	8	0	CAPEX
20	Microsoft Active directory CAL License	1000	0	0	CAPEX
21	Microsoft Windows Operating System 2 Core Std Licenses for Server Type - 6	36	0	0	CAPEX
22	Microsoft Windows Operating System 2 Core Std Licenses for Server Type - 4	0	16	0	CAPEX
23	Operating System License, Patch Management and Storage etc. for Server Type 7	1 Lot	1 Lot	0	CAPEX
24	Virtualization Software Latest version	12	10	0	CAPEX

25	Centralized Management for Virtualization software Latest Version	1	1	0	CAPEX
26	Oracle Virtual Machine Latest version (Server Type - 1 & Type 3)	5	4	0	CAPEX
27	Enterprise Class Backup Software	1 Lot	0	0	CAPEX
28	DR Automation Software Solution	0	1 Lot	0	OPEX
29	JBoss Enterprise Application Platform	51 Cores	0	0	CAPEX
30	JBoss Web Server	30 Cores	0	0	CAPEX
31	Cross Connect of 100 Mbps	1	1	1	OPEX
32	Infrastructure Hosting Services Racks	3	3	1	OPEX
33	Managed Services and ITSM Software for proposed solution	1 lot	1 lot	1 lot	OPEX
34	Antivirus / Host IPS Solution (for all Physical and virtual servers Proposed)	1 lot	1 Lot	0	OPEX
35	End Point Security	1500	0	0	OPEX
36	Privileged Identity Management	20	0	0	OPEX
37	Database Activity Monitoring	10	10	0	OPEX
38	Multi-Factor Authentication with Solution in High-availability	1020	0	0	OPEX
39	Vulnerability Assessment Service	20	0	0	OPEX
40	Penetration Testing Service	10	0	0	OPEX
41	Server Load Balancer with Web Application Firewall	2	2	0	OPEX
42	DDOS 1Gbps Mitigation at ILL	1	1	0	OPEX
43	AAA Solution	1	1	0	OPEX
44	Tape Library	1	0	0	CAPEX

8.2 Multi Factor Authentication

Sr	Minimum Specification	Compliance (Y/N)	Remarks
1	Service infrastructure should reside in India		
2	Service should have Administrative self service capabilities		
3	Service should have user level self service capabilities		
4	Service should support SAML authentication for cloud and web 2.0 applications		
5	Service should provide multiple form factors for authentication Mobile token, desktop/laptop token, hard token, Grid based token		
6	Service should be OATH compliant		
7	Solution should be hosted in proposed DC, DR location		

10 Annexure D - Telecom Location

S. NO.	Product	Branch Name	Branch / Location Address	Bandwidth Link 1	Bandwidth Link 2	Proposed Mode of Connectivity Link1	Proposed Mode of Connectivity Link2
1	MPLS VPN	MPLS at DC		45 Mbps	45 Mbps		
2	MPLS VPN	MPLS at DR		45 Mbps	45 Mbps		
3	ILL	Internet Lease Line @DC with 1 Gig DDoS		10 Mbps	10 Mbps		
4	ILL	Internet Lease Line @DR with 1 Gig DDoS		10 Mbps	10 Mbps		
5	P2P	Point to Point link between DC to DR		22 Mbps	22 Mbps		
6	P2P	Point to Point link between proposed DC to proposed NDR		20 Mbps	20 Mbps		
7	P2P	Point to Point link between proposed NDR to proposed DR		10 Mbps	10 Mbps		
8	MPLS VPN	MPLS Link from proposed DC to Existing SOC		4 Mbps	4 Mbps		
9	MPLS VPN	MPLS Link from proposed DR to Existing SOC		4 Mbps	4 Mbps		
10	MPLS VPN	MPLS Link from proposed NDR to Existing SOC		4 Mbps	4 Mbps		
11	MPLS VPN	MPLS Link from proposed DC to RDC Haldwani		4 Mbps	4 Mbps		

12	MPLS VPN	P2P Link from proposed DC to RTGS Service Branch New Delhi		4 Mbps	2 Mbps		
13	P2P	Point to Point link between proposed DC to Switch at Mumbai	BKC Data Centre, Tata Communications Ltd., IDC-1, 3rd. Floor, B Building, G Block, Bandra Kurla Complex, Bandra East, Mumbai 400053	256 Kbps	256 Kbps		
14	P2P	Point to Point link between proposed DR to Switch at Mumbai	BKC Data Centre, Tata Communications Ltd., IDC-1, 3rd. Floor, B Building, G Block, Bandra Kurla Complex, Bandra East, Mumbai 400053	256 Kbps	256 Kbps		

15	P2P	Point to Point link between proposed DC to Switch at Chennai	Tata Communications Ltd., 3rd. Floor, Videsh Sanchar Bhavan No.4, Swami Sivananda Salai, Chennai - 600002	256 Kbps	256 Kbps	
16	P2P	Point to Point link between proposed DR to Chennai	Tata Communications Ltd., 3rd. Floor, Videsh Sanchar Bhavan No.4, Swami Sivananda Salai, Chennai - 600002	256 Kbps	256 Kbps	
17	MPLS VPN	001-MALL ROAD NAINITAL-[001]	G. B. PANT ROAD, MALL ROAD, NAINITAL-263001	512 Kbps	256 Kbps	
18	MPLS VPN	002-ALMORA-[002]	L. R. SAH, ROAD, ALMORA-263601	512 Kbps	256 Kbps	
19	MPLS VPN	003-HALDWANI-[003]	RAILWAY BAZAR, HALDWANI-263139	2 Mbps	512 Kbps	

20	MPLS VPN	004-RANIKHET-[004]	HERBERT HOUSE, P.O.-SADAR BAZAR, RANIKHET-263645	512 Kbps	256 Kbps		
21	MPLS VPN	005-RAMNAGAR-[005]	BAJAJA LANE, RAMNAGAR-244715	512 Kbps	256 Kbps		
22	MPLS VPN	006-KASHIPUR-[006]	RAMNAGAR ROAD, KASHIPUR-244713	512 Kbps	256 Kbps		
23	MPLS VPN	007-PITHORAGARH-[007]	BANK ROAD, SILTHAM, PITHORAGARH-262501	512 Kbps	256 Kbps		
24	MPLS VPN	008-KICHHA-[008]	YADAV FOODS LIMITED COMPOUND, RUDRAPUR ROAD, KICHHA -263148	512 Kbps	256 Kbps		
25	MPLS VPN	009-BAZPUR-[009]	RAMRAJ ROAD, BAZPUR-262401	512 Kbps	256 Kbps		
26	MPLS VPN	010-BHIMTAL-[010]	MALLITAL, BHIMTAL-263136	512 Kbps	256 Kbps		
27	MPLS VPN	011-RAMGARH-[011]	MALLA RAMGARH, NAINITAL-263137	256 Kbps	256 Kbps		

28	MPLS VPN		012-BAGESHWAR-[012]	DHAPO LA BUILDIN G, STATIO N ROAD, BAGESH WAR-263642	512 Kbps	256 Kbps		
29	MPLS VPN		013-LOHAGHAT-[013]	HANUM AN MANDIR ROAD, LOHAG HAT-262524	256 Kbps	256 Kbps		
30	MPLS VPN		014-KILAKHERA-[014]	GADAR PUR-KASHIP UR ROAD, NEAR AMI CHAND PETROL PUMP, KILAKH ERA-263150	256 Kbps	256 Kbps		
31	MPLS VPN		015-CHAMPAWA T-[015]	HOTEL MOUNT VIEW, BUS STATIO N, CHAMP AWAT-262523	256 Kbps	256 Kbps		
32	MPLS VPN		016-LALKUAN-[016]	KOTHA RI BUILDIN G, MAIN MARKET , LALKUA N-262402	256 Kbps	256 Kbps		
33	MPLS VPN		017-T N ROAD LUCKNOW-[017]	T.N. ROAD, NEAR HAZRAT GANJ, LUCKN	2 Mbps	512 Kbps		

			OW-226001				
34	MPLS VPN	018-BAHERI-[018]	NAGAR PALIKA COMPOUND, BAHERI-243201	512 Kbps	256 Kbps		
35	MPLS VPN	019-BAILPARAO-[019]	RAMNAGAR ROAD, P.O.-BAILPARAO-263140	256 Kbps	256 Kbps		
36	MPLS VPN	020-SHAHJAHANPUR-[020]	285, CHANDRA BUILDING, SADAR BAZAR, SHAHJAHANPUR-242001	512 Kbps	256 Kbps		
37	MPLS VPN	021-PILIBHIT-[021]	TRIVENI MARKET, STATION ROAD, PILIBHIT-262001	512 Kbps	256 Kbps		
38	MPLS VPN	022-BAREILLY-[022]	46, CIVIL LINES, BAREILLY-243001	1 Mbps	512 Kbps		
39	MPLS VPN	023-KANPUR-[023]	18/54, THE MALL, OPPOSITE PHOOL BAGH, KANPUR - 208001	512 Kbps	256 Kbps		

40	MPLS VPN	024-NAGLA-[024]	NAGLA, P.O.-NAGLA DAIRY FARM-263149	512 Kbps	256 Kbps	
41	MPLS VPN	025-SITAPUR-[025]	14, JAIL ROAD, HASAN ALI CHAURAHA, SITAPUR -261001	512 Kbps	256 Kbps	
42	MPLS VPN	026-GHAZIABAD-[026]	35, ADDITIONAL SIHANI GATE SCHEME, NEAR NAVYUG MARKET, GHAZIABAD-201001	512 Kbps	256 Kbps	
43	MPLS VPN	027-MEERUT-[027]	FIRST FLOOR, CITY PLAZA, BACHHA PARK, BEGUM BRIDGE ROAD, MEERUT -250001	512 Kbps	256 Kbps	
44	MPLS VPN	028-PAHARPANI-[028]	MORNA ULA ROAD, PAHARPANI-263132	256 Kbps	256 Kbps	
45	MPLS VPN	029-BARA-[029]	KICHHA-SITARGANJ ROAD, BARA-263148	256 Kbps	256 Kbps	

46	MPLS VPN	030-DEVIDHURA-[030]	JAGDAMBA MARKET, DEVIDHURA-262580	256 Kbps	256 Kbps		
47	MPLS VPN	031-MORADABAD-[031]	C-36, GANDHI NAGAR, MORADABAD - 244001	512 Kbps	256 Kbps		
48	MPLS VPN	033-MUZAFFAR NAGAR-[033]	OPPOSITE OF SANDEEP CINEMA, COURT ROAD, MUZAFFARNAGAR-251001	512 Kbps	256 Kbps		
49	MPLS VPN	034-RANIBAGH-[034]	PRADEEP BHAWAN, NAINITAL ROAD, RANIBAGH-263126	256 Kbps	256 Kbps		
50	MPLS VPN	035-BANLEKH-[035]	VILLAGE & P.O.-BANLEKH VIA DOPHADH, BANLEKH-263634	256 Kbps	256 Kbps		

51	MPLS VPN	036-RAMPUR-[036]	HATHIK HANA CHAUR AHA, SHAHBA D GATE, NEAR NAGAR PALIKA, RAMPU R-244901	512 Kbps	256 Kbps	
52	MPLS VPN	037-TALLITAL NAINITAL-[037]	HOTEL EMPIRE ANNEXE , TALLITA L, NAINIT AL-263002	512 Kbps	256 Kbps	
53	MPLS VPN	038-LAJPAT NAGAR-[038]	40-41, PUSHPA MARKET , CENTRA L MARKET , LAJPAT NAGAR, NEW DELHI-110024	512 Kbps	256 Kbps	
54	MPLS VPN	039-SHALIMAR BAGH-DELHI-[039]	B.H. BLOCK, BHAGW ATI SADAN, NEAR SHALIM AR BAGH POLICE STATIO N, SHALIM AR BAGH, NEW DELHI-110088	512 Kbps	256 Kbps	

55	MPLS VPN	040-TILAK NAGAR-DELHI-[040]	8/33, CHAUK HANDI ROAD, TILAK NAGAR, NEW DELHI-110018	512 Kbps	256 Kbps	
56	MPLS VPN	041-MAHANAGAR LUCKNOW-[041]	M-6, GOLE MARKET, MAHANAGAR, LUCKNOW-226006	512 Kbps	256 Kbps	
57	MPLS VPN	042-CHAUMEL-[042]	VILLAGE CHHATOLI, CHAUMEL BAZAR, CHAUMEL-262525	256 Kbps	256 Kbps	
58	MPLS VPN	043-BHINGRARA-[043]	VILLAGE & P.O.-BHINGRARA-262528	256 Kbps	256 Kbps	
59	MPLS VPN	044-SRIPURBICHWA-[044]	VILLAGE & P.O.-SRIPURBICHWA TEHSIL KHATIMA-262308	256 Kbps	256 Kbps	
60	MPLS VPN	045-RUDRAPUR-[045]	D-1,D-2, VIIIB, NEAR JANTA INTER COLLEGE, CIVIL LINES, RUDRAPUR-263153	1 Mbps	512 Kbps	

61	MPLS VPN	046-JASPUR-[046]	MOHALLA BHOOP SINGH, PT. POORA NANAD COLLEGE ROAD, JASPUR, US NAGAR-244712	512 Kbps	256 Kbps		
62	MPLS VPN	047-PATPARGANJ DELHI-[047]	A-1/1, Acharya niketan, Mayur Vihar Phase – I, Delhi – 110091	512 Kbps	256 Kbps		
63	MPLS VPN	048-BULANDSHAHAR-[048]	H. No. – 1032, OPPOSITE OF JANTA INTER COLLEGE, ADJACENT OF RAJA BABU PARK, CIVIL LINES, BULANDSHSHAR-203001	512 Kbps	256 Kbps		
64	MPLS VPN	049-PITAMPURA-NEW DELHI-[049]	PLOT NO.-03, SHATABDI HOUSE, COMMERCIAL COMPLEX, ROHIT KUNJ, PITAMPURA	512 Kbps	256 Kbps		

			(WEST), NEW DELHI-110034				
65	MPLS VPN	050-K D ROAD HALDWANI-[050]	NEAR KAPIL DHARA MSHAL A, KALAD HUNGI ROAD, PILIKOT HI, HALDW ANI-263139	512 Kbps	256 Kbps		
66	MPLS VPN	051-GURGAON-[051]	S.C.O.-13, SECTOR-15, PART-II, GURGA ON-122001	512 Kbps	256 Kbps		
67	MPLS VPN	052-GADARPUR-[052]	GROVER MARKET , NEAR GURU NANAK MARKET , GADAR PUR-263152	256 Kbps	256 Kbps		

68	MPLS VPN	053-IP EXTENTION-DELHI-[053]	112 & 114, FIRST FLOOR, R. G. SQUARE, NEAR MAX BALAJI HOSPITAL, I.P. EXTENSION, DELHI-110092	512 Kbps	256 Kbps	
69	MPLS VPN	054-VAISHALI GHAZIABAD-[054]	SECTOR-04, PLOT NO.-04, COMMERCIAL CENTRE, MAIN ROAD, VAISHALI, GHAZIABAD-201010	512 Kbps	256 Kbps	
70	MPLS VPN	055-KOTDWAR-[055]	JAIN MANDIR, NEAR MALVIYA UDYAN, BADRINATH ROAD, KOTDWAR-246149	512 Kbps	256 Kbps	
71	MPLS VPN	056-MBPGCOLLEGE HALDWANI-[056]	M. B. G. P. G. COLLEGE CAMPUS, NAINITAL ROAD, HALDWANI-263141	512 Kbps	256 Kbps	

72	MPLS VPN	057-DEHRADUN-[057]	15-B, RAJPUR ROAD (NEAR UNIVERSAL PETROL PUMP), DEHRADUN-248001	2 Mbps	512 Kbps		
73	MPLS VPN	058-ASHIANA-LUCKNOW-[058]	D-3/447, SECTOR-H, LDA COLONY, KANPUR ROAD, ASHIANA, LUCKNOW-226012	256 Kbps	256 Kbps		
74	MPLS VPN	059-PAPPANKALA NEW DELHI-[059]	29/2, GROUND FLOOR, VIJAY ENCLAVE, PALAM DABARI ROAD, PAPPAN KALAN, NEW DELHI-110045	256 Kbps	256 Kbps		
75	MPLS VPN	060-SAHARANPUR-[060]	2A, CHURCH COMPOUND, BAJORIA ROAD, SAHARANPUR-247001	512 Kbps	256 Kbps		

76	MPLS VPN	061-NAJIBABAD-[061]	MOHALLA-MAQBARA, GURUDWARA ROAD, NAJIBABD-246763	512 Kbps	256 Kbps		
77	MPLS VPN	062-PANIPAT-[062]	Behind Gaushala Mandi, Gohana Road, Panipat, Haryana – 132103	512 Kbps	256 Kbps		
78	MPLS VPN	063-SECTOR 50 NOIDA-[063]	B-1/42, CENTRAL MARKET, SECTOR-50, NOIDA-201301	512 Kbps	256 Kbps		
79	MPLS VPN	064-FARIDABAD-[064]	D.S.S.-10, HUDDA MARKET, SHOPPING CENTER, SECTOR-29, FARIDABAD-121008	512 Kbps	256 Kbps		
80	MPLS VPN	065-VIKAS MARG-NEW DELHI-[065]	04, JAGRATI ENCLAVE, VIKAS MARG, NEW DELHI-110092	512 Kbps	256 Kbps		

81	MPLS VPN	066-NEWASHOK NAGAR-DELHI-[066]	B-1/63-64, NEW KONDLI, KIRANA MARKET, DELHI-110096	512 Kbps	256 Kbps		
82	MPLS VPN	067-HARIDWAR-[067]	SHREE CHETAN JYOTI ASHRAM, BHUPAT WALA, HARIDWAR-249401	512 Kbps	256 Kbps		
83	MPLS VPN	068-NADAN MAHAL LUCKNOW-[068]	NEAR M.D. SHUKLA COLLEGE, NADAN MAHAL ROAD, LUCKNOW-226003	256 Kbps	256 Kbps		
84	MPLS VPN	069-JAIPUR - BANI PARK - [069]	A-78/79, SHUBHASH NAGAR, SHOPPING CENTER, BANI PARK, JAIPUR-302016	512 Kbps	256 Kbps		
85	MPLS VPN	070-NOIDA SECTOR 18-[070]	N-26, NEAR LAL PATHOLOGY LAB, SECTOR-18, NOIDA-201301	256 Kbps	256 Kbps		

86	MPLS VPN	071-RAMPUR ROAD HALDWANI-[071]	PREM BHAWAN, NEAR TRANSPORT NAGAR, MANPUR WEST, RAMPUR ROAD, HALDWANI-263139	256 Kbps	256 Kbps		
87	MPLS VPN	072-AGRA-[072]	BANSAL COMPLEX, KENDRIYA HINDI SANSTHAN ROAD, NEAR GANPATI APARTMENTS, KHANDARI BY-PASS, AGRA-282005	512 Kbps	256 Kbps		
88	MPLS VPN	073-ROHINI - NEW DELHI-[073]	E-4, JAIN BHARTI MODEL SCHOOL, SECTOR-16, ROHINI, DELHI-110089	512 Kbps	256 Kbps		
89	MPLS VPN	075-PRABHAT NGR BAREILLY-[075]	02, PRABHAT NAGAR, BAREILLY-243122	256 Kbps	256 Kbps		

90	MPLS VPN	076-ROHTAK ROAD DELHI-[076]	M-127, GURU HAR KISHAN NAGAR, PASCHIM VIHAR, ROHTAK ROAD, DELHI-110087	512 Kbps	256 Kbps		
91	MPLS VPN	077-ROORKEE-[077]	100/1, NEHRU NAGAR, OPPOSITE OF SUB-JAIL, ROORKEE-247667	512 Kbps	256 Kbps		
92	MPLS VPN	078-VIKASNAGAR -DEHRADUN-[078]	MAIN ROAD, NEAR SBI, VIKASNAGAR-248198	256 Kbps	256 Kbps		
93	MPLS VPN	079-GOMTI NAGAR-LUCKNOW-[079]	1/8 VIKRAM KHAND, BHATIA PLAZA, PATRAK ARPURAM, GOMTINAGAR, LUCKNOW-226010	256 Kbps	256 Kbps		

94	MPLS VPN	081-BILASPUR RAMPUR-[081]	NEAR SHIVBAGH MANDI, BILASPUR-244921	256 Kbps	256 Kbps		
95	MPLS VPN	082-LOWER MALL RD-ALMORA-[082]	PANT SADAN, LOWER MALL ROAD, ALMORA-263601	256 Kbps	256 Kbps		
96	MPLS VPN	083-SRI NAGAR-[083]	NEAR DALMIYA DHARAMSHALA, BADRINATH ROAD, SRINAGAR-246174	512 Kbps	256 Kbps		
97	MPLS VPN	084-BHOOR MOH KHATIMA-[084]	SHAH SADAN, SITARGANJ ROAD, BHOOR MAHOLIA, KHATIMA-263208	256 Kbps	256 Kbps		
98	MPLS VPN	085-DHARCHULA-[085]	TEHSIL ROAD, DHARCHULA-262545	256 Kbps	256 Kbps		
99	MPLS VPN	086-JOSHIMATH-[086]	SHAILJA GUEST HOUSE, G.M.V.N. ROAD, GANDHI GROUND, JOSHIMATH-246443	256 Kbps	256 Kbps		

100	MPLS VPN	087-KARNAPRAYAG-[087]	GEETA BHAWAN, KARNPRAYAG-246444	256 Kbps	256 Kbps		
101	MPLS VPN	088-NEW TEHRI-[088]	F&G-03, OPEN MARKET, COLLEGE ROAD, BAURARI, NEW TEHRI-249001	256 Kbps	256 Kbps		
102	MPLS VPN	089-KAPKOT-[089]	NEAR TEHSIL DATE, TEHSIL ROAD, KAPKOT-263632	256 Kbps	256 Kbps		
103	MPLS VPN	090-BHOWALI-[090]	RAMGARH ROAD, BHOWALI-263132	256 Kbps	256 Kbps		
104	MPLS VPN	091-SIDCUL PANTNAGAR-[091]	OPPOSITE LIC BUILDING, AWAS VIKAS, RUDRAPUR-263153	256 Kbps	256 Kbps		
105	MPLS VPN	092-Doiwala-[092]	RISHIKESH-HARIDWAR ROAD, DOIWALA-248140	256 Kbps	256 Kbps		

106	MPLS VPN		093-RUDRAPRAYAG-[093]	MUNICIPAL BOARD COMMERCIAL COMPLEX, NEAR NEW BUS STAND, RUDRAPRAYAG-246171	256 Kbps	256 Kbps		
107	MPLS VPN		094-SITARGANJ-[094]	KICHHA ROAD, SITARGANJ-262405	256 Kbps	256 Kbps		
108	MPLS VPN		095-TANAKPUR-[095]	501/2, G. B. PANT MARG, WARD NO.-01, TANAKPUR-262309	256 Kbps	256 Kbps		
109	MPLS VPN		096-DWARAHAT-[096]	OM BHAWAN, RANIKHET-BADRINATH ROAD, DWARAHAT-263653	256 Kbps	256 Kbps		
110	MPLS VPN		097-JWALAPUR HARIDWAR-[097]	46, VIVEK VIHAR, RANIPUR MORE, JWALAPUR, HARIDWAR-249407	256 Kbps	256 Kbps		
111	MPLS VPN		098-PAURI GARHWAL-[098]	UPPER BAZAR, PAURI-246001	256 Kbps	256 Kbps		

112	MPLS VPN	099-RISHIKESH-[099]	46/1, TILAK ROAD, RISHIKESH-249201	256 Kbps	256 Kbps		
113	MPLS VPN	100-HARIDWAR RD DEHRADUN-[100]	NEAR CITY BANQUET HALL, HARIDWAR ROAD, DEHARDUN-248001	256 Kbps	256 Kbps		
114	MPLS VPN	101-SAHARANPUR ROAD DDN-[101]	02, PREETI ENCLAVE, SHIMLA BY-PASS, SAHARANPUR ROAD, MAJRA, DEHRADUN-248171	256 Kbps	256 Kbps		
115	MPLS VPN	102-MUSSORIE-[102]	SHOP NO. 08, CLOCK TOWER, LANDHAUR BAZAR, MUSSOORIE-248179	256 Kbps	256 Kbps		
116	MPLS VPN	103-Arjunpur Haldwani-[103]	BAREILLY ROAD, GAORA PARAO, P.O.-ARJUNPUR, HALDWANI-263139	256 Kbps	256 Kbps		

117	MPLS VPN	104-MAHESHPURA BAZPUR - [104]	MAHESPURA-DORAHA, BAZPUR -262401	256 Kbps	256 Kbps		
118	MPLS VPN	105-SURHERA DELHI -[105]	VILLAGE & P.O.-SURHERA, NAZAFGARH, NEW DELHI-110043	256 Kbps	256 Kbps		
119	MPLS VPN	106-FARIDPUR BAREILLY-[106]	NEAR SHANTI BARAT GHAR, MAIN ROAD, N.H.-24, FARIDPUR, BAREILLY-243503	256 Kbps	256 Kbps		
120	MPLS VPN	107-KOTPUTLI JAIPUR-[107]	NEAR MAIN CHAURAHA, L.B.S. COLLEGE ROAD, N.H.-08, KOTPUTLI-303108	256 Kbps	256 Kbps		
121	MPLS VPN	108-LOHARIYASAL HALDWANI-[108]	LOHARI ASAL MALLA, KATHGHARIA, HALDWANI-263139	256 Kbps	256 Kbps		
122	MPLS VPN	109-BARRA KANPUR-[109]	HIG-07, NEAR KABIR HOSPITAL, BARRA-II,	256 Kbps	256 Kbps		

			BARRA-208027				
123	MPLS VPN	110-DWARKA NEW DELHI - [110]	G-9, GROUND FLOOR, PLOT NO.-01, POCKET -07, KRISHAN TOWER - II, SECTOR-12, DWARKA, NEW DELHI-110075	256 Kbps	256 Kbps		
124	MPLS VPN	111-KAMALUAGANJA-[111]	VILLAGE NARSINGH TALLA, P.O.-KAMALUWAGANJA, KAMALUWAGANJA ROAD, HALDWANI-263139	256 Kbps	256 Kbps		
125	MPLS VPN	112-I I M ROAD-LUCKNOW-[112]	41/42, RAIPUR, I.I.M. ROAD, LUCKNOW-226013	256 Kbps	256 Kbps		

126	MPLS VPN	113-VASANT VIHAR DDN-[113]	FIRST FLOOR, COMMERCIAL COMPLEX, 49, INDIRA NAGAR, VASANT VIHAR, DEHRA DUN-248001	256 Kbps	256 Kbps		
127	MPLS VPN	114-DILSHAD GARDEN-[114]	C-16, DILSHAD COLONY, NEAR MRIGNAYANI CHOWK, DILSHAD GARDEN, DELHI-110095	256 Kbps	256 Kbps		
128	MPLS VPN	115-AMBALA-[115]	02, OPPOSITE NEW GRAIN MARKET, HISSAR ROAD, AMBALA CITY, AMBALA-133001	256 Kbps	256 Kbps		
129	MPLS VPN	116-KARNAL-[116]	S.C.O. 31,32,33, MUGHAL CANAL MARKET, KARNAL-132001	256 Kbps	256 Kbps		

130	MPLS VPN		117-BARHANI BAZPUR-[117]	ANAND FARM, VILLAGE & P.O.-BARHANI, BAZPUR-262401	256 Kbps	256 Kbps	
131	MPLS VPN		118-CHAKRATA RD DEHRADUN-[118]	CHAGAN LAL BUILDING, PANDIT WARI, CHAKRATA ROAD, DEHRADUN-248001	256 Kbps	256 Kbps	
132	MPLS VPN		119-BIJNOR-[119]	ANKUR HEIGHTS, CIVIL LINES, KIRATPUR ROAD, BIJNOR-246701	256 Kbps	256 Kbps	
133	MPLS VPN		120-GREATER NOIDA-[120]	NS-48, SECTOR P-4, BUILDER AREA, NEAR JALVAYU VIHAR, GREATER NOIDA-201308	256 Kbps	256 Kbps	
134	MPLS VPN		121-JAGATPUR GAULAPAR-[121]	VILLAGE JAGATPUR, P.O.-KUNWARPUR, HALDWANI-263139	256 Kbps	256 Kbps	

135	MPLS VPN		122-TAPOVAN - RISHIKESH	VILLAGE-TAPOVAN, BADRINATH ROAD, OPPOSITE GANGA HOTEL, P.O.–SARAI, RISHIKESH-249192	256 Kbps	256 Kbps	
136	MPLS VPN		123-DHAMPUR BIJNOR-[123]	Om House, Near PIR Teachers Colony,NH – 74, Dhampur, Distt. Bijnor, Uttar Pradesh-246761	256 Kbps	256 Kbps	
137	MPLS VPN		124-DAMUADHUNGA HALDWANI-[124]	Krishna Kunj, Opp. Inspiration School,Village - Damuadhunga Bandobasti, Kathgodam, Haldwani, Distt. Nainital, Uttarakhand - 263139	256 Kbps	256 Kbps	

138	MPLS VPN	125-RAJA PARK JAIPUR- [125]	D-67, Govind Marg, Raja Park, Ice Factory, Adarsh Nagar, Jaipur, Rajasthan -302004	256 Kbps	256 Kbps		
139	MPLS VPN	126-SANJAY NAGAR GHAZIABAD- [126]	D11, Sanjay Nagar, Ghaziabad, Uttar Pradesh – 201002	256 Kbps	256 Kbps		
140	MPLS VPN	127-BANBASA CHAMPAWAT	Petrol Pump Compound, Khatima Road, Banbasa, Distt. Champawat, Uttarakhand - 262310	256 Kbps	256 Kbps		
141	MPLS VPN	128-PUROLA UTTARKASHI	Hotel Shubham Palace, Main Market, Kumola Road, Purola, Distt. Uttarkashi, Uttarakhand - 249185	256 Kbps	256 Kbps		

142	MPLS VPN	129-MORADABAD ROAD KASHIPUR-[129]	Ashoka Complex, Moradabad Road, Near Bank of Baroda, Kashipur, Distt. Udham Singh Nagar, Uttarakhand – 244713	256 Kbps	256 Kbps		
143	MPLS VPN	130-KANKAR KHERA MEERUT-[130]	489, Om Nagar, North Sardhana Road, Opp. Canara Bank, Kankar Khera – Meerut, Uttar Pradesh-250001	256 Kbps	256 Kbps		
144	MPLS VPN	131-KANTH ROAD MORADABAD-[131]	A-6, Deendayal Nagar, Phase-I, Sai Mandir Road, Kanth Road - Moradabad, Distt. Moradabad, Uttar Pradesh– 244001	256 Kbps	256 Kbps		

145	MPLS VPN	132-BALLABHGARH-FARIDABAD-[132]	FCA – 54, Near IDBI Bank, 100 Ft. Road, Shyam Colony, Ballabhgarh – Faridabad, Haryana - 121004	256 Kbps	256 Kbps		
146	MPLS VPN	133-SOHNA ROAD-GURUGRAM-[133]	Shop No. 5, Well Don Tech Park, Sohna Road – Gurugram, Haryana-122018	256 Kbps	256 Kbps		
147	MPLS VPN	134-BHURARANI-RUDRAPUR-[134]	Bhura Rani Road, Near H.P. Gas Agency, Bhurarani – Rudrapur, Distt. Udham Singh Nagar, Uttarakhand-263153	256 Kbps	256 Kbps		
148	MPLS VPN	135-NAGINA-BIJNOR-[135]	Near Bank of India, Station Road, Nagina, Distt. Bijnor, Uttar Pradesh-246762	256 Kbps	256 Kbps		

149	MPLS VPN	136-VIKRAMPUR-BAZPUR-[136]	Village – Vikrampur, Keshowala Mod, Bazpur, Distt. Udham Singh Nagar, Uttarakhand- 262401	256 Kbps	256 Kbps		
150	MPLS VPN	137-SHIMLA PISTORE-RUDRAPUR-[137]	Village – Kotha, Shimla Pistore, P.O. Lalpur, Tehsil – Rudrapur, Distt. – Udham Singh Nagar, Uttarakhand - 263148	256 Kbps	256 Kbps		
151	MPLS VPN	138-SATWAN BUJURG-SHAHJAHANPUR-[138]	Village – Satwan Bujurg, P.O. – Shahbaznagar, Tehsil – Sadar, Distt. – Shahjahanpur, Uttar Pradesh - 242001	256 Kbps	256 Kbps		
152	MPLS VPN	139-DINESHPUR-RUDRAPUR-[139]	Main Bazar, Gular Bhoj Road, Dineshpur – Rudrapur, U. S. Nagar,	256 Kbps	256 Kbps		

			Uttarakh and - 263160				
153	MPLS VPN	140-NANAKMATT A-RUDRAPUR-[140]	Shri Gyan Ganga Bhawan, Near Police Station, Sitarganj Road, Nanakma tta, Distt. - Udham Singh Nagar - 232311	256 Kbps	256 Kbps		
154	MPLS VPN	141-PAWAN VIHAR-BAREILLY	2-A,PAWA N VIHAR COLON Y,NEAR PNB CIRCLE OFFICE, PILIBHIT BYPASS ROAD,D ISTT. BAREILL Y,UP	256 Kbps	256 Kbps		
155	MPLS VPN	142-CANAL ROAD DEHRADUN-[142]	28/5 JAKHAN ,CANAL ROAD,D EHRAD UN,UTT ARAKH AND	256 Kbps	256 Kbps		

156	MPLS VPN	143-PERUMADARA RAMNAGAR	ADJACENT TO ALLAHABAD BANK,MAIN ROAD,MAIN MARKET ,PEERU MADARA,RAMNAGAR,DISTT. NAINITAL,UTTARAKHAND	256 Kbps	256 Kbps		
157	MPLS VPN	144-UDAYLALPUR HALDWANI	DAYLALPUR NAYAK, NEAR PAL ENGG COLLEGE,MADHOPURAM,HALDWANI,DISTT NAINITAL,UTTARAKHAND	256 Kbps	256 Kbps		
158	MPLS VPN	145-SAHASTRADHARA ROAD DEHRADUN	Khasra No 120 &. 121, Village, Adhoiwala, pargana, parwa, Dehradun,Uttarakhand	256 Kbps	256 Kbps		

159	MPLS VPN	146-JAIL ROAD HALDWANI	JAIL ROAD CHAURAHA,KALADHUNGI ROAD,HALDWANI,DISTT NAINITAL,UTTARAKHAND	256 Kbps	256 Kbps	
160	MPLS VPN	Head Office Nainital-[999]	7 Oak Building, Mallital, Nainital	2 Mbps	2 Mbps	
161	MPLS VPN	Regional Office Noida	THE NAINITAL BANK LTD., Regional Office, Naini Business Centre, 4th Floor, UPRNN Building, C-20/1A/7, Sector 62, Noida - 201 309	2 Mbps	512 Kbps	
162	MPLS VPN	Regional Office Haldwani	HALDWANI-263139	256 Kbps	256 Kbps	
163	MPLS VPN	Link from Existing DC to New Proposed DC and DR for Migration		10 Mbps	10 Mbps	

S.No	Description	Total Price for 5 years (excluding GST)	GST	Total Price (Including GST)
	Summary : Supply, installation, testing and commissioning (SITC) of ICT infrastructure		(Price in Rs.)	
1	BOQ- DC-DR- **Table A** (Capex with 5 year warranty)			
2	BOQ- DC-DR-**Table B** (OPEX for 5 years) (a)			
3	BOQ- DC-DR-**Table C** (Subscription Services for 5 years) (b)			
4	BOQ – NDR **Table D** (Capex with 5 years warranty)			
5	BOQ- NDR-**Table E** (Subscription Services for 5 years) (c)			
6	Managed Services and ITSM software including management and monitoring tools DC-DR-NDR (for 5 years) (d)			
7	Telecom (Subscription Services) (for -5- yrs) from **Table F** (e)			
8	One time Installation and commissioning charges for DC-DR-NDR			
9	One time Installation and commissioning charges for Telecom and SDWAN from Table F			
	Total Contract Value (All Inclusive) (for L1 Calculation)			
10	Cost of telecom services during application implementation phase till GO-LIVE(per month)			
11	AMC for Capex for 6th and 7th Year **Table G (DC-DR-NDR)**			
12	Subscription services for 6th and 7th Year **Table H**(DC-DR)			
13	Managed Services DC-DR-NDR (for 6th and 7th years)			
14	Telecom (One Time Cost - CPE + link installation) per branch for new branches			

S.No	Description	Qty-DC (a)	Qty-DR (b)	Basic Unit rate (c)	Total Price (excl. GST) (d)=(a+b)*(c)	Basic Unit rate (e)	Total Price (excl. GST) (f)=(a+b)*(e)	Basic Unit rate (g)	Total Price (excl. GST) (h)=(a+b)*(g)	Basic Unit rate (i)	Total Price (excl. GST) (j)=(a+b)*(i)	Basic Unit rate (k)	Total Price (excl. GST) (l)=(a+b)*(k)	Total GST (m)	Total Price (Including GST) (n)=(d)+(f)+(h)+(j)+(l)+(m)
	Table B -BOQ-DC-DR(OPEX)														(Price in Rs.)
					Year 1		Year 2		Year 3		Year 4		Year 5		
1	Physical firewall NGFW with UTM (IPS/IDS, AV Gateway, Sandboxing) External	2	2												
2	Physical firewall with IPS	2	2												
3	Core Switch 48 port	2	2												
4	Access Switch	4	4												
5	Management Switch	2	2												
6	Staging Switch	2	2												
7	DR Automation Software Solution	0	1 Lot												
8	Antivirus / Host IPS	1 Lot	1 Lot												

	Solution (for all Physical and virtual servers Proposed)																	
9	End Point Security	1500	0															
10	Privileged Identity Management	20	0															
11	Database Activity Monitoring	10	10															
12	Multi-Factor Authentication with Solution in High-availability	1020	0															
13	Server Load Balancer with Web Application Firewall	2	2															
14	AAA Solution	1	1															
	Total Price (Rs.)																	

S. No.	Description	Qty-DC (a)	Qty-DR (b)	Basic Unit rate (c)	Total Price (excl. GST) (d)=(a+b)*(c)	Basic Unit rate (e)	Total Price (excl. GST) (f)=(a+b)*(e)	Basic Unit rate (g)	Total Price (excl. GST) (h)=(a+b)*(g)	Basic Unit rate (i)	Total Price (excl. GST) (j)=(a+b)*(i)	Basic Unit rate (k)	Total Price (excl. GST) (l)=(a+b)*(k)	Total GST (m)	Total Price (Incl. GST) (n)=(d)+(f)+(h)+(j)+(l)+(m)
Table C -BOQ- DC-DR- (Subscription)															**(Price in Rs.)**
				Year 1		Year 2		Year 3		Year 4		Year 5			
1	Cross Connect of 100 Mbps	1	1												
2	Infrastructure Hosting Services Racks	3	3												
3	Vulnerability Assessment Service	20	0												
4	Penetration Testing Service	10	0												
5	DDOS 1Gbps Mitigation at ILL	1	1												
	Total Price (Rs.)														

Table E - BOQ- NDR (Subscription)			Year 1		Year 2		Year 3		Year 4		Year 5			(Price in Rs.)
S.No	Description	Qty-NDR	Basic Unit rate	Total Price	Basic Unit rate	Total Price	Basic Unit rate	Total Price	Basic Unit rate	Total Price	Basic Unit rate	Total Price	Total GST	Total Price (Including GST)
		(a)	(b)	(excluding GST) (c)= (a*b)	(d)	(excluding GST) (e)= (a*d)	(f)	(excluding GST) (g)= (a*f)	(h)	(excluding GST) (i)= (a*h)	(j)	(excluding GST) (k)= (a*j)	(l)	(m)=(c)+(e)+(g)+(i)+(k)+(l)
1	Infrastructure Hosting Services Racks	1												
2	Cross Connect of 100 Mbps	1												
	Total Price (Rs.)													

Table G -BOQ-DC-DR-NDR- (AMC- 6th & 7th year)					Year 6		Year 7			(Price in Rs.)
S.No	Description	Qty-DC	Qty-DR	Qty-NDR	Basic Unit rate	Total Price (excluding GST)	Basic Unit rate	Total Price (excluding GST)	Total GST	Total Price (Including GST)
		(a)	(b)	(c)	(d)	(e)= (a+b+c)* (d)	(f)	(g)= (a+b+c)* (f)	(h)	(i)=(e)+(g) + (h)
1	External Physical Firewall - NGFW with UTM (IPS/IDS, AV Gateway, Sandboxing)	2	2	0						

2	Internal Physical firewall with IPS	2	2	0					
3	Core Switch 48 port	2	2	0					
4	Access Switch	4	4	1					
5	Management Switch	2	2	0					
6	Staging Switch	2	2	0					
7	Rack Servers - Server Type 1	7	6	0					
8	Rack Servers - Server Type 2	2	2	0					
9	Rack Servers - Server Type 3	2	2	0					
10	Rack Servers - Server Type 4	3	4	0					
11	Rack Servers - Server Type 5	1	0	0					
12	Rack Servers - Server Type 6	2	0	0					
13	Rack Servers - Server Type 7	1 Lot	1 Lot	0					
14	SAN Switch	2	2	1					
15	Primary Storage - Unified Storage with SSD 20 TB Usable Capacity	1	1	1					
16	Secondary Storage - Storage 80TB Usable for data backup	1	1	0					
17	Red Hat Enterprise Linux	2	0	0					

	Server, Unlimited VMs - Latest Version								
18	Red Hat Enterprise Linux Server with High-Availability, Upto 2 VM's -Latest Version	20	18	0					
19	Microsoft Windows Operating System 2-Core Std Licenses for Server Type - 4	16	8	0					
20	Microsoft Active directory CAL License	1000	0	0					
21	Microsoft Windows Operating System 2 Core Std Licenses for Server Type - 6	36	0	0					
22	Microsoft Windows Operating System 2 Core Std Licenses for Server Type - 4	0	16	0					
23	Operating System License, Patch Management and	1 Lot	1 Lot	0					

	Storage etc. for Server Type 7								
24	Virtualization Software Latest version	12	10	0					
25	Centralized Management for Virtualization software Latest Version	1	1	0					
26	Oracle Virtual Machine Latest version (Server Type -1 & Type 3)	5	4	0					
27	Enterprise Class Backup Software	1	0	0					
28	DR Automation Software Solution	0	1 Lot	0					
29	JBoss Enterprise Application Platform	51 Cores	0	0					
30	JBoss Web Server	30 Cores	0	0					
31	Cross Connect of 100 Mbps	1	1	1					
32	Infrastructure Hosting Services Racks	3	3	1					
33	Managed Services and ITSM Software for proposed solution	1	1	1					
34	Antivirus / Host IPS Solution	1 lot	1 lot	0					

	(for all Physical and virtual servers Proposed)									
35	End Point Security	1500	0	0						
36	Privileged Identity Management	20	0	0						
37	Database Activity Monitoring	10	10	0						
38	Multi-Factor Authentication with Solution in High- availability	1020	0	0						
39	Vulnerability Assessment Service	20	0	0						
40	Penetration Testing Service	10	0	0						
41	Server Load Balancer with Web Application Firewall	2	2	0						
42	DDOS 1Gbps Mitigation at ILL	1	1	0						
43	AAA Solution	1	1	0						
44	Tape Library	1	0	0						
	Total Price (Rs.)									

Table F -Telecom						Proposed Mode of Connectivity								(Price in Rs.)
								Link 1		Link 2				
S. NO.	Product	Branch Name	Branch / Location Address	Link 1 Bandwidth	Link 2 Bandwidth	Link 1	Link 2	OTC (a)	Monthly (c)	OTC (b)	Monthly (d)	Total OTC (a+b)	Total Monthly e=(c+d)	Total Price (e*60)
1	MPLS VPN	MPLS at DC		45 Mbps	45 Mbps									
2	MPLS VPN	MPLS at DR		45 Mbps	45 Mbps									
3	ILL	Internet Lease Line @DC with 1 Gig DDoS		10 Mbps	10 Mbps									
4	ILL	Internet Lease Line @DR with 1 Gig DDoS		10 Mbps	10 Mbps									
5	P2P	Point to Point link between DC to DR		22 Mbps	22 Mbps									
6	P2P	Point to Point link between proposed DC to proposed NDR		20 Mbps	20 Mbps									

7	P2P	Point to Point link between proposed NDR to proposed DR		10 Mbps	10 Mbps							
8	MPLS VPN	MPLS Link from proposed DC to Existing SOC		4 Mbps	4 Mbps							
9	MPLS VPN	MPLS Link from proposed DR to Existing SOC		4 Mbps	4 Mbps							
10	MPLS VPN	MPLS Link from proposed NDR to Existing SOC		4 Mbps	4 Mbps							
11	MPLS VPN	MPLS Link from proposed DC to RDC Haldwani		4 Mbps	4 Mbps							
12	MPLS VPN	MPLS Link from proposed DC to RTGS Service Branch New Delhi		4 Mbps	2 Mbps							

13	P2P	Point to Point link between proposed DC to Switch at Mumbai	BKC Data Centre, Tata Communications Ltd., IDC-1, 3rd. Floor, B Building, G Block, Bandra Kurla Complex, Bandra East, Mumbai 400053	256 Kbps	256 Kbps									
14	P2P	Point to Point link between proposed DR to Switch at Mumbai	BKC Data Centre, Tata Communications Ltd., IDC-1, 3rd. Floor, B Building, G Block, Bandra Kurla Complex, Bandra East, Mumbai 400053	256 Kbps	256 Kbps									

15	P2P	Point to Point link between proposed DC to Switch at Chennai	Tata Communications Ltd., 3rd. Floor, Videsh Sanchar Bhavan No.4, Swami Sivananda Salai, Chennai - 600002	256 Kbps	256 Kbps								
16	P2P	Point to Point link between proposed DR to Chennai	Tata Communications Ltd., 3rd. Floor, Videsh Sanchar Bhavan No.4, Swami Sivananda Salai, Chennai - 600002	256 Kbps	256 Kbps								
17	MPLS VPN	001-MALL ROAD NAINITAL-[001]	G. B. PANT ROAD, MALL ROAD, NAINITAL-263001	512 Kbps	256 Kbps								
18	MPLS VPN	002-ALMORA-[002]	L. R. SAH, ROAD, ALMORA-263601	512 Kbps	256 Kbps								

19	MPLS VPN	003-HALDWANI-[003]	RAILWAY BAZAR, HALDWANI-263139	2 Mbps	512 Kbps							
20	MPLS VPN	004-RANIKHET-[004]	HERBERT HOUSE, P.O.-SADAR BAZAR, RANIKHET-263645	512 Kbps	256 Kbps							
21	MPLS VPN	005-RAMNAGAR-[005]	BAJAJA LANE, RAMNAGAR-244715	512 Kbps	256 Kbps							
22	MPLS VPN	006-KASHIPUR-[006]	RAMNAGAR ROAD, KASHIPUR-244713	512 Kbps	256 Kbps							
23	MPLS VPN	007-PITHORAGARH-[007]	BANK ROAD, SILTHAM, PITHORAGARH-262501	512 Kbps	256 Kbps							
24	MPLS VPN	008-KICHHA-[008]	YADAV FOODS LIMITED COMPOUND, RUDRAPUR ROAD, KICHHA-263148	512 Kbps	256 Kbps							

25	MPLS VPN	009-BAZPUR-[009]	RAMRAJ ROAD, BAZPUR-262401	512 Kbps	256 Kbps								
26	MPLS VPN	010-BHIMTAL-[010]	MALLITAL, BHIMTAL-263136	512 Kbps	256 Kbps								
27	MPLS VPN	011-RAMGARH-[011]	MALLA RAMGARH, NAINITAL-263137	256 Kbps	256 Kbps								
28	MPLS VPN	012-BAGESHWAR-[012]	DHAPOLA BUILDING, STATION ROAD, BAGESHWAR-263642	512 Kbps	256 Kbps								
29	MPLS VPN	013-LOHAGHAT-[013]	HANUMAN MANDIR ROAD, LOHAGHAT-262524	256 Kbps	256 Kbps								

30	MPLS VPN	014-KILAKHERA-[014]	GADARPUR-KASHIPUR ROAD, NEAR AMI CHAND PETROL PUMP, KILAKHERA-263150	256 Kbps	256 Kbps								
31	MPLS VPN	015-CHAMPAWAT-[015]	HOTEL MOUNT VIEW, BUS STATION, CHAMPAWAT-262523	256 Kbps	256 Kbps								
32	MPLS VPN	016-LALKUAN-[016]	KOTHARI BUILDING, MAIN MARKET, LALKUAN-262402	256 Kbps	256 Kbps								
33	MPLS VPN	017-T N ROAD LUCKNOW-[017]	T.N. ROAD, NEAR HAZRATGANJ, LUCKNOW-226001	2 Mbps	512 Kbps								

34	MPLS VPN	018-BAHERI-[018]	NAGAR PALIKA COMPOUND , BAHERI-243201	512 Kbps	256 Kbps								
35	MPLS VPN	019-BAILPARAO-[019]	RAMNAGAR ROAD, P.O.-BAILPARAO-263140	256 Kbps	256 Kbps								
36	MPLS VPN	020-SHAHJAHAN PUR-[020]	285, CHANDRA BUILDING, SADAR BAZAR, SHAHJAHA NPUR-242001	512 Kbps	256 Kbps								
37	MPLS VPN	021-PILIBHIT-[021]	TRIVENI MARKET, STATION ROAD, PILIBHIT-262001	512 Kbps	256 Kbps								
38	MPLS VPN	022-BAREILLY-[022]	46, CIVIL LINES, BAREILLY-243001	1 Mbps	512 Kbps								

39	MPLS VPN	023-KANPUR-[023]	18/54, THE MALL, OPPOSITE PHOOL BAGH, KANPUR - 208001	512 Kbps	256 Kbps									
40	MPLS VPN	024-NAGLA-[024]	NAGLA, P.O.-NAGLA DAIRY FARM-263149	512 Kbps	256 Kbps									
41	MPLS VPN	025-SITAPUR-[025]	14, JAIL ROAD, HASAN ALI CHAURAHA, SITAPUR-261001	512 Kbps	256 Kbps									
42	MPLS VPN	026-GHAZIABAD-[026]	35, ADDITIONAL SIHANI GATE SCHEME, NEAR NAVYUG MARKET, GHAZIABAD-201001	512 Kbps	256 Kbps									

43	MPLS VPN	027-MEERUT-[027]	FIRST FLOOR, CITY PLAZA, BACHHA PARK, BEGUM BRIDGE ROAD, MEERUT-250001	512 Kbps	256 Kbps								
44	MPLS VPN	028-PAHARPANI-[028]	MORNAULA ROAD, PAHARPANI -263132	256 Kbps	256 Kbps								
45	MPLS VPN	029-BARA-[029]	KICHHA-SITARGANJ ROAD, BARA-263148	256 Kbps	256 Kbps								
46	MPLS VPN	030-DEVIDHURA-[030]	JAGDAMBA MARKET, DEVIDHURA -262580	256 Kbps	256 Kbps								
47	MPLS VPN	031-MORADABAD -[031]	C-36, GANDHI NAGAR, MORADABA D - 244001	512 Kbps	256 Kbps								

48	MPLS VPN	033-MUZAFFAR NAGAR-[033]	OPPOSITE OF SANDEEP CINEMA, COURT ROAD, MUZAFFAR NAGAR-251001	512 Kbps	256 Kbps									
49	MPLS VPN	034-RANIBAGH-[034]	PRADEEP BHAWAN, NAINITAL ROAD, RANIBAGH-263126	256 Kbps	256 Kbps									
50	MPLS VPN	035-BANLEKH-[035]	VILLAGE & P.O.-BANLEKH VIA DOPHADH, BANLEKH-263634	256 Kbps	256 Kbps									

51	MPLS VPN	036-RAMPUR-[036]	HATHIKHANA CHAURAHA, SHAHBAD GATE, NEAR NAGAR PALIKA, RAMPUR-244901	512 Kbps	256 Kbps									
52	MPLS VPN	037-TALLITAL NAINITAL-[037]	HOTEL EMPIRE ANNEXE, TALLITAL, NAINITAL-263002	512 Kbps	256 Kbps									
53	MPLS VPN	038-LAJPAT NAGAR-[038]	40-41, PUSHPA MARKET, CENTRAL MARKET, LAJPAT NAGAR, NEW DELHI-110024	512 Kbps	256 Kbps									

54	MPLS VPN	039-SHALIMAR BAGH-DELHI-[039]	B.H. BLOCK, BHAGWATI SADAN, NEAR SHALIMAR BAGH POLICE STATION, SHALIMAR BAGH, NEW DELHI-110088	512 Kbps	256 Kbps						
55	MPLS VPN	040-TILAK NAGAR-DELHI-[040]	8/33, CHAUKHANDI ROAD, TILAK NAGAR, NEW DELHI-110018	512 Kbps	256 Kbps						
56	MPLS VPN	041-MAHANAGAR LUCKNOW-[041]	M-6, GOLE MARKET, MAHANAGAR, LUCKNOW-226006	512 Kbps	256 Kbps						
57	MPLS VPN	042-CHAUMEL-[042]	VILLAGE CHHATOLI, CHAUMEL BAZAR, CHAUMEL-262525	256 Kbps	256 Kbps						

58	MPLS VPN	043-BHINGRARA-[043]	VILLAGE & P.O.-BHINGRARA-262528	256 Kbps	256 Kbps									
59	MPLS VPN	044-SRIPURBICHWA-[044]	VILLAGE & P.O.-SRIPURBICHWA TEHSIL KHATIMA-262308	256 Kbps	256 Kbps									
60	MPLS VPN	045-RUDRAPUR-[045]	D-1,D-2, VIIIB, NEAR JANTA INTER COLLEGE, CIVIL LINES, RUDRAPUR-263153	1 Mbps	512 Kbps									
61	MPLS VPN	046-JASPUR-[046]	MOHALLA BHOOP SINGH, PT. POORANANAD COLLEGE ROAD, JASPUR, US NAGAR-244712	512 Kbps	256 Kbps									

62	MPLS VPN	047-PATPARGANJ DELHI-[047]	A-1/1, Acharya niketan,Mayur Vihar Phase – I, Delhi – 110091	512 Kbps	256 Kbps									
63	MPLS VPN	048-BULANDSHAHAR-[048]	H. No. – 1032, OPPOSITE OF JANTA INTER COLLEGE, ADJACENT OF RAJA BABU PARK, CIVIL LINES, BULANDSHSHAR-203001	512 Kbps	256 Kbps									
64	MPLS VPN	049-PITAMPURA-NEW DELHI-[049]	PLOT NO.-03, SHATABDI HOUSE, COMMERCIAL COMPLEX, ROHIT KUNJ, PITAMPURA (WEST), NEW DELHI-110034	512 Kbps	256 Kbps									

65	MPLS VPN	050-K D ROAD HALDWANI-[050]	NEAR KAPIL DHARAMSHALA, KALADHUNGI ROAD, PILIKOTHI, HALDWANI-263139	512 Kbps	256 Kbps							
66	MPLS VPN	051-GURGAON-[051]	S.C.O.-13, SECTOR-15, PART-II, GURGAON-122001	512 Kbps	256 Kbps							
67	MPLS VPN	052-GADARPUR-[052]	GROVER MARKET, NEAR GURU NANAK MARKET, GADARPUR-263152	256 Kbps	256 Kbps							
68	MPLS VPN	053-IP EXTENTION-DELHI-[053]	112 & 114, FIRST FLOOR, R. G. SQUARE, NEAR MAX BALAJI HOSPITAL, I.P. EXTENSION, DELHI-110092	512 Kbps	256 Kbps							

69	MPLS VPN	054-VAISHALI GHAZIABAD-[054]	SECTOR-04, PLOT NO.-04, COMMERCIAL CENTRE, MAIN ROAD, VAISHALI, GHAZIABAD -201010	512 Kbps	256 Kbps									
70	MPLS VPN	055-KOTDWAR-[055]	JAIN MANDIR, NEAR MALVIYA UDYAN, BADRINATH ROAD, KOTDWAR-246149	512 Kbps	256 Kbps									
71	MPLS VPN	056-MBPGCOLLEGE HALDWANI-[056]	M. B. G. P. G. COLLEGE CAMPUS, NAINITAL ROAD, HALDWANI-263141	512 Kbps	256 Kbps									

72	MPLS VPN	057-DEHRADUN-[057]	15-B, RAJPUR ROAD (NEAR UNIVERSAL PETROL PUMP), DEHRADUN-248001	2 Mbps	512 Kbps								
73	MPLS VPN	058-ASHIANA-LUCKNOW-[058]	D-3/447, SECTOR-H, LDA COLONY, KANPUR ROAD, ASHIANA, LUCKNOW-226012	256 Kbps	256 Kbps								
74	MPLS VPN	059-PAPPANKALA NEW DELHI-[059]	29/2, GROUND FLOOR, VIJAY ENCLAVE, PALAM DABARI ROAD, PAPPANKALAN, NEW DELHI-110045	256 Kbps	256 Kbps								

75	MPLS VPN	060-SAHARANPUR-[060]	2A, CHURCH COMPOUND, BAJORIA ROAD, SAHARANPUR-247001	512 Kbps	256 Kbps								
76	MPLS VPN	061-NAJIBABAD-[061]	MOHALLA-MAQBARA, GURUDWARA ROAD, NAJIBABD-246763	512 Kbps	256 Kbps								
77	MPLS VPN	062-PANIPAT-[062]	Behind Gaushala Mandi, Gohana Road, Panipat, Haryana – 132103	512 Kbps	256 Kbps								
78	MPLS VPN	063-SECTOR 50 NOIDA-[063]	B-1/42, CENTRAL MARKET, SECTOR-50, NOIDA-201301	512 Kbps	256 Kbps								

79	MPLS VPN	064-FARIDABAD-[064]	D.S.S.-10, HUDDA MARKET, SHOPPING CENTER, SECTOR-29, FARIDABAD-121008	512 Kbps	256 Kbps								
80	MPLS VPN	065-VIKAS MARG-NEW DELHI-[065]	04, JAGRATI ENCLAVE, VIKAS MARG, NEW DELHI-110092	512 Kbps	256 Kbps								
81	MPLS VPN	066-NEWASHOK NAGAR-DELHI-[066]	B-1/63-64, NEW KONDLI, KIRANA MARKET, DELHI-110096	512 Kbps	256 Kbps								
82	MPLS VPN	067-HARIDWAR-[067]	SHREE CHETAN JYOTI ASHRAM, BHUPATWALA, HARIDWAR-249401	512 Kbps	256 Kbps								

83	MPLS VPN	068-NADAN MAHAL LUCKNOW-[068]	NEAR M.D. SHUKLA COLLEGE, NADAN MAHAL ROAD, LUCKNOW-226003	256 Kbps	256 Kbps									
84	MPLS VPN	069-JAIPUR - BANI PARK - [069]	A-78/79, SHUBHASH NAGAR, SHOPPING CENTER, BANI PARK, JAIPUR-302016	512 Kbps	256 Kbps									
85	MPLS VPN	070-NOIDA SECTOR 18-[070]	N-26, NEAR LAL PATHOLOG Y LAB, SECTOR-18, NOIDA-201301	256 Kbps	256 Kbps									

86	MPLS VPN	071-RAMPUR ROAD HALDWANI- [071]	PREM BHAWAN, NEAR TRANSPORT NAGAR, MANPUR WEST, RAMPUR ROAD, HALDWANI- 263139	256 Kbps	256 Kbps								
87	MPLS VPN	072-AGRA- [072]	BANSAL COMPLEX, KENDRIYA HINDI SANSTHAN ROAD, NEAR GANPATI APARTMEN TS, KHANDARI BY-PASS, AGRA-282005	512 Kbps	256 Kbps								
88	MPLS VPN	073-ROHINI - NEW DELHI- [073]	E-4, JAIN BHARTI MODEL SCHOOL, SECTOR-16, ROHINI, DELHI- 110089	512 Kbps	256 Kbps								

89	MPLS VPN	075-PRABHAT NGR BAREILLY-[075]	02, PRABHAT NAGAR, BAREILLY-243122	256 Kbps	256 Kbps									
90	MPLS VPN	076-ROHTAK ROAD DELHI-[076]	M-127, GURU HAR KISHAN NAGAR, PASCHIM VIHAR, ROHTAK ROAD, DELHI-110087	512 Kbps	256 Kbps									
91	MPLS VPN	077-ROORKEE-[077]	100/1, NEHRU NAGAR, OPPOSITE OF SUB-JAIL, ROORKEE-247667	512 Kbps	256 Kbps									
92	MPLS VPN	078-VIKASNAGAR-DEHRADUN-[078]	MAIN ROAD, NEAR SBI, VIKASNAGAR-248198	256 Kbps	256 Kbps									

93	MPLS VPN	079-GOMTI NAGAR-LUCKNOW-[079]	1/8 VIKRAM KHAND, BHATIA PLAZA, PATRAKARP URAM, GOMTINAG AR, LUCKNOW-226010	256 Kbps	256 Kbps									
94	MPLS VPN	081-BILASPUR RAMPUR-[081]	NEAR SHIVBAGH MANDI, BILASPUR-244921	256 Kbps	256 Kbps									
95	MPLS VPN	082-LOWER MALL RD-ALMORA-[082]	PANT SADAN, LOWER MALL ROAD, ALMORA-263601	256 Kbps	256 Kbps									

96	MPLS VPN	083-SRI NAGAR-[083]	NEAR DALMIYA DHARAMSH ALA, BADRINATH ROAD, SRINAGAR-246174	512 Kbps	256 Kbps								
97	MPLS VPN	084-BHOOR MOH KHATIMA-[084]	SHAH SADAN, SITARGANJ ROAD, BHOOR MAHOLIA, KHATIMA-263208	256 Kbps	256 Kbps								
98	MPLS VPN	085-DHARCHULA-[085]	TEHSIL ROAD, DHARCHUL A-262545	256 Kbps	256 Kbps								
99	MPLS VPN	086-JOSHIMATH-[086]	SHAILJA GUEST HOUSE, G.M.V.N. ROAD, GANDHI GROUND, JOSHIMATH-246443	256 Kbps	256 Kbps								

100	MPLS VPN	087-KARNAPRAYAG-[087]	GEETA BHAWAN, KARNPRAYAG-246444	256 Kbps	256 Kbps									
101	MPLS VPN	088-NEW TEHRI-[088]	F&G-03, OPEN MARKET, COLLEGE ROAD, BAURARI, NEW TEHRI-249001	256 Kbps	256 Kbps									
102	MPLS VPN	089-KAPKOT-[089]	NEAR TEHSIL DATE, TEHSIL ROAD, KAPKOT-263632	256 Kbps	256 Kbps									
103	MPLS VPN	090-BHOWALI-[090]	RAMGARH ROAD, BHOWALI-263132	256 Kbps	256 Kbps									
104	MPLS VPN	091-SIDCUL PANTNAGAR-[091]	OPPOSITE LIC BUILDING, AWAS VIKAS, RUDRAPUR-263153	256 Kbps	256 Kbps									

105	MPLS VPN	092-Doiwala-[092]	RISHIKESH-HARIDWAR ROAD, DOIWALA-248140	256 Kbps	256 Kbps									
106	MPLS VPN	093-RUDRAPRAY AG-[093]	MUNICIPAL BOARD COMMERCI AL COMPLEX, NEAR NEW BUS STAND, RUDRAPRA YAG-246171	256 Kbps	256 Kbps									
107	MPLS VPN	094-SITARGANJ-[094]	KICHHA ROAD, SITARGANJ-262405	256 Kbps	256 Kbps									
108	MPLS VPN	095-TANAKPUR-[095]	501/2, G. B. PANT MARG, WARD NO.-01, TANAKPUR-262309	256 Kbps	256 Kbps									

109	MPLS VPN	096-DWARAHAT-[096]	OM BHAWAN, RANIKHET-BADRINATH ROAD, DWARAHAT -263653	256 Kbps	256 Kbps								
110	MPLS VPN	097-JWALAPUR HARIDWAR-[097]	46, VIVEK VIHAR, RANIPUR MORE, JWALAPUR, HARIDWAR-249407	256 Kbps	256 Kbps								
111	MPLS VPN	098-PAURI GARHWAL-[098]	UPPER BAZAR, PAURI-246001	256 Kbps	256 Kbps								
112	MPLS VPN	099-RISHIKESH-[099]	46/1, TILAK ROAD, RISHIKESH-249201	256 Kbps	256 Kbps								
113	MPLS VPN	100-HARIDWAR RD DEHRADUN-[100]	NEAR CITY BANQUET HALL, HARIDWAR ROAD, DEHARDUN -248001	256 Kbps	256 Kbps								

114	MPLS VPN	101-SAHARANPUR ROAD DDN-[101]	02, PREETI ENCLAVE, SHIMLA BY-PASS, SAHARANPUR ROAD, MAJRA, DEHRADUN -248171	256 Kbps	256 Kbps										
115	MPLS VPN	102-MUSSORIE-[102]	SHOP NO. 08, CLOCK TOWER, LANDHAUR BAZAR, MUSSOORIE-248179	256 Kbps	256 Kbps										
116	MPLS VPN	103-Arjunpur Haldwani-[103]	BAREILLY ROAD, GAORAPAR AO, P.O.-ARJUNPUR, HALDWANI-263139	256 Kbps	256 Kbps										
117	MPLS VPN	104-MAHESHPUR A BAZPUR - [104]	MAHESPUR A-DORAHA, BAZPUR-262401	256 Kbps	256 Kbps										

118	MPLS VPN	105-SURHERA DELHI -[105]	VILLAGE & P.O.-SURHERA, NAZAFGARH, NEW DELHI-110043	256 Kbps	256 Kbps									
119	MPLS VPN	106-FARIDPUR BAREILLY-[106]	NEAR SHANTI BARAT GHAR, MAIN ROAD, N.H.-24, FARIDPUR, BAREILLY-243503	256 Kbps	256 Kbps									
120	MPLS VPN	107-KOTPUTLI JAIPUR-[107]	NEAR MAIN CHAURAHA, L.B.S. COLLEGE ROAD, N.H.-08, KOTPUTLI-303108	256 Kbps	256 Kbps									
121	MPLS VPN	108-LOHARIYASAL HALDWANI-[108]	LOHARIASAL MALLA, KATHGHARIA, HALDWANI-263139	256 Kbps	256 Kbps									

122	MPLS VPN	109-BARRA KANPUR-[109]	HIG-07, NEAR KABIR HOSPITAL, BARRA-II, BARRA-208027	256 Kbps	256 Kbps									
123	MPLS VPN	110-DWARKA NEW DELHI - [110]	G-9, GROUND FLOOR, PLOT NO.-01, POCKET-07, KRISHAN TOWER - II, SECTOR-12, DWARKA, NEW DELHI-110075	256 Kbps	256 Kbps									
124	MPLS VPN	111-KAMALUAGA NJA-[111]	VILLAGE NARSINGH TALLA, P.O.-KAMALUW AGANJA, KAMALUW AGANJA ROAD, HALDWANI-263139	256 Kbps	256 Kbps									
125	MPLS VPN	112-I I M ROAD-LUCKNOW-[112]	41/42, RAIPUR, I.I.M. ROAD, LUCKNOW-226013	256 Kbps	256 Kbps									

126	MPLS VPN	113-VASANT VIHAR DDN-[113]	FIRST FLOOR, COMMERCIAL COMPLEX, 49, INDIRA NAGAR, VASANT VIHAR, DEHRADUN -248001	256 Kbps	256 Kbps									
127	MPLS VPN	114-DILSHAD GARDEN-[114]	C-16, DILSHAD COLONY, NEAR MRIGNAYA NI CHOWK, DILSHAD GARDEN, DELHI- 110095	256 Kbps	256 Kbps									
128	MPLS VPN	115-AMBALA-[115]	02, OPPOSITE NEW GRAIN MARKET, HISSAR ROAD, AMBALA CITY, AMBALA- 133001	256 Kbps	256 Kbps									

129	MPLS VPN	116-KARNAL-[116]	S.C.O. 31,32,33, MUGHAL CANAL MARKET, KARNAL-132001	256 Kbps	256 Kbps									
130	MPLS VPN	117-BARHANI BAZPUR-[117]	ANAND FARM, VILLAGE & P.O.-BARHANI, BAZPUR-262401	256 Kbps	256 Kbps									
131	MPLS VPN	118-CHAKRATA RD DEHRADUN-[118]	CHAGAN LAL BUILDING, PANDITWARI, CHAKRATA ROAD, DEHRADUN-248001	256 Kbps	256 Kbps									
132	MPLS VPN	119-BIJNOR-[119]	ANKUR HEIGHTS, CIVIL LINES, KIRATPUR ROAD, BIJNOR-246701	256 Kbps	256 Kbps									

133	MPLS VPN	120-GREATER NOIDA-[120]	NS-48, SECTOR P-4, BUILDER AREA, NEAR JALVAYU VIHAR, GREATER NOIDA-201308	256 Kbps	256 Kbps									
134	MPLS VPN	121-JAGATPUR GAULAPAR-[121]	VILLAGE JAGATPUR, P.O.-KUNWARPUR, HALDWANI-263139	256 Kbps	256 Kbps									
135	MPLS VPN	122-TAPOVAN - RISHIKESH	VILLAGE-TAPOVAN, BADRINATH ROAD, OPPOSITE GANGA HOTEL, P.O.–SARAI, RISHIKESH-249192	256 Kbps	256 Kbps									

136	MPLS VPN	123-DHAMPUR BIJNOR-[123]	Om House, Near PIR Teachers Colony,NH – 74, Dhampur, Distt. Bijnor, Uttar Pradesh-246761	256 Kbps	256 Kbps									
137	MPLS VPN	124-DAMUADHU NGA HALDWANI-[124]	Krishna Kunj, Opp. Inspiration School,Village - Damuadhung a Bandobasti, Kathgodam, Haldwani, Distt. Nainital, Uttarakhand - 263139	256 Kbps	256 Kbps									
138	MPLS VPN	125-RAJA PARK JAIPUR-[125]	D-67, Govind Marg, Raja Park, Ice Factory, Adarsh Nagar, Jaipur, Rajasthan-302004	256 Kbps	256 Kbps									

139	MPLS VPN	126-SANJAY NAGAR GHAZIABAD-[126]	D11, Sanjay Nagar, Ghaziabad, Uttar Pradesh – 201002	256 Kbps	256 Kbps									
140	MPLS VPN	127-BANBASA CHAMPAWAT	Petrol Pump Compound, Khatima Road, Banbasa, Distt. Champawat, Uttarakhand - 262310	256 Kbps	256 Kbps									
141	MPLS VPN	128-PUROLA UTTARKASHI	Hotel Shubham Palace, Main Market, Kumola Road, Purola, Distt. Uttarkashi, Uttarakhand - 249185	256 Kbps	256 Kbps									

142	MPLS VPN	129-MORADABAD ROAD KASHIPUR-[129]	Ashoka Complex, Moradabad Road, Near Bank of Baroda, Kashipur, Distt. Udham Singh Nagar, Uttarakhand – 244713	256 Kbps	256 Kbps								
143	MPLS VPN	130-KANKAR KHERA MEERUT-[130]	489, Om Nagar, North Sardhana Road, Opp. Canara Bank, Kankar Khera – Meerut, Uttar Pradesh-250001	256 Kbps	256 Kbps								

144	MPLS VPN	131-KANTH ROAD MORADABAD -[131]	A-6, Deendayal Nagar, Phase-I, Sai Mandir Road, Kanth Road - Moradabad, Distt. Moradabad, Uttar Pradesh–244001	256 Kbps	256 Kbps										
145	MPLS VPN	132-BALLABHGA RH-FARIDABAD-[132]	FCA – 54, Near IDBI Bank, 100 Ft. Road, Shyam Colony, Ballabhgarh – Faridabad, Haryana - 121004	256 Kbps	256 Kbps										
146	MPLS VPN	133-SOHNA ROAD-GURUGRAM-[133]	Shop No. 5, Well Don Tech Park, Sohna Road – Gurugram, Haryana-122018	256 Kbps	256 Kbps										

147	MPLS VPN	134-BHURARANI-RUDRAPUR-[134]	Bhura Rani Road, Near H.P. Gas Agency, Bhurarani – Rudrapur, Distt. Udham Singh Nagar, Uttarakhand-263153	256 Kbps	256 Kbps							
148	MPLS VPN	135-NAGINA-BIJNOR-[135]	Near Bank of India, Station Road, Nagina, Distt. Bijnor, Uttar Pradesh-246762	256 Kbps	256 Kbps							
149	MPLS VPN	136-VIKRAMPUR-BAZPUR-[136]	Village – Vikrampur, Keshowala Mod, Bazpur, Distt. Udham Singh Nagar, Uttarakhand-262401	256 Kbps	256 Kbps							

150	MPLS VPN	137-SHIMLA PISTORE-RUDRAPUR-[137]	Village – Kotha, Shimla Pistore, P.O. Lalpur, Tehsil – Rudrapur, Distt. – Udham Singh Nagar, Uttarakhand - 263148	256 Kbps	256 Kbps									
151	MPLS VPN	138-SATWAN BUJURG-SHAHJAHAN PUR-[138]	Village – Satwan Bujurg, P.O. – Shahbaznagar, Tehsil – Sadar, Distt. – Shahjahanpur, Uttar Pradesh - 242001	256 Kbps	256 Kbps									
152	MPLS VPN	139-DINESHPUR-RUDRAPUR-[139]	Main Bazar, Gular Bhoj Road, Dineshpur – Rudrapur, U. S. Nagar, Uttarakhand - 263160	256 Kbps	256 Kbps									

153	MPLS VPN	140-NANAKMATTA-RUDRAPUR-[140]	Shri Gyan Ganga Bhawan, Near Police Station, Sitarganj Road, Nanakmatta, Distt. - Udham Singh Nagar - 232311	256 Kbps	256 Kbps								
154	MPLS VPN	141-PAWAN VIHAR-BAREILLY	2-A,PAWAN VIHAR COLONY,NEAR PNB CIRCLE OFFICE,PILIBHIT BYPASS ROAD,DISTT. BAREILLY,UP	256 Kbps	256 Kbps								
155	MPLS VPN	142-CANAL ROAD DEHRADUN-[142]	28/5 JAKHAN,CANAL ROAD,DEHRADUN,UTTARAKHAND	256 Kbps	256 Kbps								

156	MPLS VPN	143-PERUMADARA RAMNAGAR	ADJACENT TO ALLAHABAD BANK,MAIN ROAD,MAIN MARKET,PEERUMADARA,RAMNAGAR,DISTT. NAINITAL,UTTARAKHAND	256 Kbps	256 Kbps									
157	MPLS VPN	144-UDAYLALPUR HALDWANI	DAYLALPUR NAYAK,NEAR PAL ENGG COLLEGE,MADHOPURAM,HALDWANI,DISTT NAINITAL,UTTARAKHAND	256 Kbps	256 Kbps									
158	MPLS VPN	145-SAHASTRADHARA ROAD DEHRADUN	Khasra No 120 &. 121, Village, Adhoiwala, pargana, parwa, Dehradun,Uttarakhand	256 Kbps	256 Kbps									

159	MPLS VPN	146-JAIL ROAD HALDWANI	JAIL ROAD CHAURAHA ,KALADHU NGI ROAD,HALD WANI,DISTT NAINITAL,U TTARAKHA ND	256 Kbps	256 Kbps										
160	MPLS VPN	Head Office Nainital-[999]	7 Oak Building, Mallital,Naini tal	2 Mbps	2 Mbps										
161	MPLS VPN	Regional Office Noida	THE NAINITAL BANK LTD., Regional Office, Naini Business Centre, 4th Floor, UPRNN Building, C-20/1A/7, Sector 62, Noida - 201 309	2 Mbps	512 Kbps										

162	MPLS VPN	Regional Office Haldwani	HALDWANI-263139	256 Kbps	256 Kbps									
163	MPLS VPN	Link from Existing DC to New Proposed DC and DR for Migration		10 Mbps	10 Mbps									
		Total Price (Rs.)												

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