

UCO BANK

Department of Information Technology

Request for Proposal (RFP) For Management, Maintenance and Monitoring of Network Devices and Link at Branches, DC, DR and other offices of the bank -RFP REF NO: UCO/DIT/NW/465/2016-17 Date: 06/09/2016

Corrigendum/Clarification

Sl. No.	Annexure, Table, Point	Clause Details in RFP	Modified clause based on reply to Pre bid queries
1	Required Minimum Technical Features of WAN Optimization Annexure G, Table H, Sl. no. 3, Page no. 65 in Pre-Bid Responses/ Clarifications & Page no. 78 in RFP	Should support optimization for minimum of 10, 0000 concurrent TCP connections from day one, with scalability option when configured in full transparency mode. Further Bidder shall ensure that there is no application performance issue and should compress all types of application traffic i.e. Finacle, ATM, Mail Messaging (Exchange 2010), WEB Portal, etc. originating from Branch/office locations till Primary Data Center, Bangalore and Disaster Recovery Site, Kolkata. The WAN Optimization solution is being procured for 4 international Branches.	DC & DR: Should support optimization for minimum of 2000 concurrent TCP connections from day one, with scalability option when configured in full transparency mode. Further Bidder shall ensure that there is no application performance issue and should compress all types of application traffic i.e. Finacle, ATM, Mail Messaging (Exchange 2010), WEB Portal, etc. originating from Branch/office locations till Primary Data Center, Bangalore and Disaster Recovery Site, Kolkata.
2	Required Minimum Technical Features of WAN Optimization Annexure G, Table H, Sl. no. 38, Page no. 66 in Pre-Bid Responses/ Clarifications & Page no. 81 in RFP	Branch Wan Optimizer: Branch solution should have WAN optimization functionality from day one through external appliance for supporting minimum of 150 Concurrent TCP Connections for each of 4 No of International Branches with concurrent users minimum 30 per branch. WAN Optimization solution should have the capability to seamlessly integrate & optimize IPsec VPN interested traffic along with application acceleration supporting applications i.e. Finacle, ATM, Mail Messaging (Exchange 2010), WEB Portal,etc. originating from Branch/office locations. The WAN Optimization solution is being procured for 4 international Branches.	Branch Wan Optimizer: Branch solution should have WAN optimization functionality from day one through external appliance for supporting minimum of 500 Concurrent TCP Connections for each of 4 no. of International Branches. WAN Optimization solution should have the capability to seamlessly integrate & optimize IPsec VPN interested traffic along with application acceleration supporting applications i.e. Finacle, ATM, Mail Messaging (Exchange 2010), WEB Portal,etc. originating from Branch/office locations. The WAN Optimization solution is being procured for 4 international Branches.
3	Required Minimum Technical Features of Firewall Annexure G, Table F, Sl. no. 2, Page no. 60 in Pre-Bid Responses/ Clarifications & Page no. 67 in RFP	Firewall should have at least 6 no. of GE ports.	Firewall should have at least 8 no. of RJ45 Gigabit Ethernet ports.
4	Required Minimum Technical Features of Firewall Annexure G, Table F, Sl. no. 9, Page no. 60 in Pre-Bid Responses/ Clarifications	Firewall performance should be minimum real world throughput 20 Gbps after enabling all function like IPS, QoS, and malware protection.	Firewall performance should be minimum real world throughput 10Gbps/5Gbps after enabling all function like IPS, QoS, and malware protection. <u>Bidder should supply & installed 2 pair of Firewall with 10Gbps throughput and 8 pair of firewall with 5Gbps throughput after enabling all function like IPS, QoS, and malware protection.</u>
5	Required Minimum Technical Features of IPS Annexure G, Table G, Sl. no. 18, Page no. 64 in Pre-Bid Responses/ Clarifications & Page no. 76 in RFP	Proposed IPS should support a minimum of average inspection throughput of 10 Gbps.	Proposed IPS should support a minimum of average inspection throughput of 10Gbps/5Gbps. IPS with 10Gbps throughput will be installed with 10Gbps throughput firewall and IPS with 5Gbps throughput will be installed with 5Gbps throughput firewall.
6	Annexure-J, Page No. 72-73 in Pre-Bid Responses/ Clarifications	Technical Template, Table E & F	Technical Template, <u>modified Table E & F</u>
7	Annexure-K Page No. 76-77 in Pre-Bid Responses/ Clarifications	Commercial Template, Table E & F	Commercial Template, <u>modified Table E & F</u>

8	Part I in RFP, Page No. 7	Last Date and Time for receipts of tender bids :19.10.2016 at 3.00 pm Opening of technical bids: 19.10.2016 at 3.30 pm	Last Date and Time for receipts of tender bids :26.10.2016 at 3.00 pm Opening of technical bids: 26.10.2016 at 3.30 pm
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Modified Table-E and Table-F in Annexure-J

**Comprehensive AMC for 3 years				Table E		
Sl. No.	Make	Model	Qty.	1st Year	2nd Year	3rd Year
1	HP	HP 6608	4	Yes	Yes	Yes
2	HP	MSR 30-20 JF284A	4	Yes	Yes	Yes
3	HP	MSR 30-40 JF229A	2	Yes	Yes	Yes
4	HP	HP A5120-48G EI	13	Yes	Yes	Yes
5	HP	HP 7500 Advanced VPN Firewall Module JD249A	8	Yes	Yes	Yes
6	HP	HP A7503-S-6626	4	Yes	Yes	Yes
7	HP	HP A5500-24G EI	4	Yes	Yes	Yes
8	CISCO	CISCO-WS-C6509-E	4	Yes	Yes	Yes
9	HP	H3C MSR 930	1	Yes	Yes	Yes
10	HP	H3C MSR 931	1	Yes	Yes	Yes
11	HP	HP MSR20-11	1678	Yes	Yes	Yes
12	HP	HP 2510B-24	1608	Yes	Yes	Yes
13	HP	HP 2510B-48	43	Yes	Yes	Yes
14	HP	HP 2530-24	207	Yes	Yes	Yes
15	HP	HP A3100-8	859	Yes	Yes	Yes
16	F5	F5-BIG-LC-1600-4G-R	1	Yes	Yes	Yes
17	Check Point with IPS (HA)	Power-1 5077 with IPS (HA)	4 Pair (HA)	Yes	Yes	NA
18	Check Point with IPS (HA)	UTM-1 574 (HA)	2 Pair (HA)	Yes	Yes	NA
19	Check Point (HA)	UTM-1 574 (HA)	2 Pair (HA)	Yes	Yes	NA
20	Check Point	Check Point Management software R77.30	2	Yes	Yes	NA
21	CISCO	ACS 1121	2	Yes	Yes	NA
22	Riverbed	Sheelhead SHA 1050	4	Yes	Yes	NA
23	Riverbed	Sheelhead SHA 550	1	Yes	Yes	NA
24	Riverbed	Sheelhead SHA 250	3	Yes	Yes	NA
25	Remote VPN license for Check Point Power 5077	Remote VPN license for Check Point Power 5077	200	Yes	Yes	NA
26	Conventional Modem (64/128/256/512/2048 Kbps)	Dlink, RAD, Nomus Gateway, Attrie, Loop etc.	710	Yes	Yes	Yes

** Replacement of Old product					Table F		
Sl. No.	Old Make/Model	Qty.	New Replacement device Make/Model	Qty.	Replacement Year		
					1st Year	2nd Year	3rd Year
1	Cisco 1760	152	Specification as per Type A Router in Annexure G	152	Yes	NA	NA
2	Cisco 1841	825	Specification as per Type A	825	Yes	NA	NA

			Router in Annexure G				
3	Cisco 871	300	Specification as per Type A Router in Annexure G	300	Yes	NA	NA
4	HP Procurve 7102 DL	189	Specification as per Type A Router in Annexure G	189	Yes	NA	NA
5	Cisco2821/2851	17	Specification as per Type B Router in Annexure G	17	Yes	NA	NA
6	Cisco 3845	14	Specification as per Type C Router in Annexure G	14	Yes	NA	NA
7	Cisco 7204VXR/ 7206VXR	3	Specification as per Type C Router in Annexure G	3	Yes	NA	NA
8	FWSM(WS-SVC-FWM-1-K9)	4	ASA Services Module for Catalyst 6500-E, 3DES/AES	4	Yes	NA	NA
9	Cisco ASA 5550 (HA)	2 Pair (HA)	Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)*	Yes	NA	NA
			Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)*	Yes	NA	NA
10	CISCO-WS-C3550-24-SMI/ WS-C3560G-24TS/ WS-C3750G-24T/ WS-C3750G-48TS	19	Specification as per Switch Type A in Annexure G	19	NA	Yes	NA
11	Check Point UTM-1 574 (HA)	2 Pair (HA)	Specification as per Firewall with 5 Gbps throughput in Annexure G	2 Pair (HA)*	NA	NA	Yes
			Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)*	NA	NA	Yes
12	Check Point UTM-1 574 with IPS (HA)	2 Pair (HA)	Specification as per Firewall with 5 Gbps throughput in Annexure G	2 Pair (HA)*	NA	NA	Yes
			Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)*	NA	NA	Yes
13	Check Point Power 5077 with IPS (HA)	2 Pair (HA)	Specification as per Firewall with 5 Gbps throughput in Annexure G	2 Pair (HA)*	NA	NA	Yes
			Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)*	NA	NA	Yes
14	Check Point Power 5077 with IPS (HA)	2 Pair (HA)	Specification as per Firewall with 10 Gbps throughput in Annexure G	2 Pair (HA)*	NA	NA	Yes
			Specification as per IPS with 10 Gbps throughput in Annexure G	2 Pair (HA)*	NA	NA	Yes
15	Check Point Management software R77.30	2	Specification as per Firewall in Annexure G	2	NA	NA	Yes
16	Cisco ACS 1121	2	Specification as per AAA solution in Annexure G	2	NA	NA	Yes
17	Sheelhead SHA 1050	4	Specification as per WAN optimizer (DC-DR) in Annexure G	4	NA	NA	Yes
18	Sheelhead SHA 550/250	4	Specification as per WAN optimizer (Branch) in Annexure G	4	NA	NA	Yes
19	Remote VPN license for Check Point Power 5077	200	Specification as per Firewall in Annexure G	200	NA	NA	Yes

* Bidder may supply & installed IPS inbuilt with Firewall in same appliance without any Performance issue and should comply all technical requirement of Firewall & IPS as per Annexure G.

Bidder must have back to back support relation with the OEM's whose products are followed by the bidder to the Bank, in case the bidder is not Original Equipment Manufacturer(OEM). **A commitment letter from the OEM(s) as per Annexure-C has to be submitted along with the Technical bid in this regard at least for a period of 5 years for all new & AMC related network equipment as per Annexure J

***Warranty period for
1st year Replacement product – 3 Years
2nd year Replacement product – 2 Years
3rd year Replacement product – 1 Years

Modified Table-E and Table-F in Annexure-K

Sl. No.	Comprehensive AMC for 3 years						Table E						
	Make	Model	Qty.	1 st Year			2 nd Year			3 rd Year			Total in 3 Years including taxes D4=D1+D2+D3
				Unit Price (b1)	%Taxes (c1)	Total Price including taxes D1 = a X (b1 + b1 X c1)	Unit Price (b2)	%Taxes (c2)	Total Price including taxes D2 = a X (b2 + b2 X c2)	Unit Price (b3)	%Taxes (c3)	Total Price including taxes D3 = a X (b3 + b3 X c3)	
1	HP	HP 6608	4										
2	HP	MSR 30-20 JF284A	4										
3	HP	MSR 30-40 JF229A	2										
4	HP	HP A5120-48G EI	13										
5	HP	HP 7500 Advanced VPN Firewall Module JD249A	8										
6	HP	HP A7503-S-6626	4										
7	HP	HP A5500-24G EI	4										
8	CISCO	CISCO-WS-C6509-E	4										
9	HP	H3C MSR 930	1										
10	HP	H3C MSR 931	1										
11	HP	HP MSR20-11	1678										
12	HP	HP 2510B-24	1608										
13	HP	HP 2510B-48	43										
14	HP	HP 2530-24	207										
15	HP	HP A3100-8	859										
16	F5	F5-BIG-LC-1600-4G-R	1										
17	Check Point	Power-1 5077 with IPS	4 Pair (HA)							NA	NA	NA	
18	Check Point	UTM-1 574 with IPS	2 Pair (HA)							NA	NA	NA	
19	Check Point	UTM-1 574	2 Pair (HA)							NA	NA	NA	

20	Check Point	Check Point Management software R77.30	2							NA	NA	NA	
21	CISCO	ACS 1121	2							NA	NA	NA	
22	Riverbed	Sheelhead SHA 1050	4							NA	NA	NA	
23	Riverbed	Sheelhead SHA 550	1							NA	NA	NA	
24	Riverbed	Sheelhead SHA 250	3							NA	NA	NA	
25	Remote VPN license	Check Point Power 5077	200							NA	NA	NA	
26	Conventional Modem (64/128/256/512/2048 Kbps)	Dlink, RAD, Nomus Gateway, Attrie, Loop etc.	710										
Sub Total (E)													

Replacement of Old product**						Table F			
Sl. No.	Old Make/Model	Existing Qty.	New Replacement device Make/Model	New Qty. (a)	Unit Price of device (b)	%Taxes (c)	Installation cost per device (d)	%Taxes (e)	Total Price including taxes d = a X [(b + b X c) +(d+ d x e)]
1	Cisco 1760	152	Specification as per Type A Router in Annexure G	152					
2	Cisco 1841	825	Specification as per Type A Router in Annexure G	825					
3	Cisco 871	300	Specification as per Type A Router in Annexure G	300					
4	HP Procurve 7102 DL	189	Specification as per Type A Router in Annexure G	189					
5	Cisco2821/2851	17	Specification as per Type B Router in Annexure G	17					
6	Cisco 3845	14	Specification as per Type C Router in Annexure G	14					
7	Cisco 7204VXR/ 7206VXR	3	Specification as per Type C Router in Annexure G	3					
8	FWSM(WS-SVC-FWM-1-K9)	4	ASA Services Module for Catalyst 6500-E, 3DES/AES	4					
9	Cisco ASA5550 (HA)	2 Pair (HA)	Specification as per Firewall with 5 Gbps throughput in Annexure G	2 Pair (HA)					
			Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)					
10	CISCO-WS-C3550-24-SMI/ WS-C3560G-24TS/ WS-	19	Specification as per Switch Type A in Annexure G	19					

	C3750G-24T/ WS-C3750G-48TS								
11	Check Point UTM-1 574 (HA)	2 Pair (HA)	Specification as per Firewall with 5 Gbps throughput in Annexure G	2 Pair (HA)					
			Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)					
12	Check Point UTM-1 574 with IPS(HA)	2 Pair (HA)	Specification as per Firewall with 5 Gbps throughput in Annexure G	2 Pair (HA)					
			Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)					
13	Check Point Power 5077 with IPS (HA)	2 Pair (HA)	Specification as per Firewall with 5 Gbps throughput in Annexure G	2 Pair (HA)					
			Specification as per IPS with 5 Gbps throughput in Annexure G	2 Pair (HA)					
14	Check Point Power 5077 with IPS (HA)	2 Pair (HA)	Specification as per Firewall with 10 Gbps throughput in Annexure G	2 Pair (HA)					
			Specification as per IPS with 10 Gbps throughput in Annexure G	2 Pair (HA)					
15	Check Point Management software R77.30	2	Specification as per Firewall in Annexure G	2					
16	Cisco ACS 1121	2	Specification as per AAA solution in Annexure G	2					
17	Sheelhead SHA 1050	8	Specification as per WAN optimizer (DC-DR) in Annexure G	4					
18	Sheelhead SHA 550/250	4	Specification as per WAN optimizer (Branch) in Annexure G	4					
19	Remote VPN license	Check Point Power 5077	Specification as per Firewall in Annexure G	200					
Sub Total (F)									

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- Sl. No 1 to 9 unit price with 3 years warranty.
 - Sl. No. 10 unit price with 2 years warranty.
 - Sl. No. 11 to 19 unit price with 1 year warranty.

Note: All other terms and conditions, clauses of the subject RFP & Pre-Bid Responses/ Clarifications remain unchanged. The reply to pre bid queries & changes in the RFP clause mentioned herein above will be part & parcel in the RFP.