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ADDENDUM NO. 2

REQUEST FOR QUOTATIONS (RFQ) NO.: 1220-040-2017-140
TITLE: CISCO ACI IMPLEMENTATION
ADDENDUM ISSUE DATE: DECEMBER 22, 2017
CLOSING DATE: PREFER TO RECEIVE QUOTATIONS ON OR BEFORE JANUARY 18, 2018

INFORMATION FOR PROPONENTS

This Addendum is issued to provide additional information and clarifications to the RFQ for the above named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Contractor not being familiar with this addendum. This Addendum No. 2 contains nine (9) pages in total.

Delete in its entirety Schedule A – Specification of Goods and Scope of Services and substitute with “Attachment 1” below.

Delete in its entirety table “Part A: Hardware” in Schedule B – Quotation and substitute with “Attachment 2” below.

END OF ADDENDUM

All Addenda will become part of the RFP Documents.

Attachment 1 – Schedule A
SPECIFICATIONS OF GOODS AND SCOPE OF SERVICES

1. PURPOSE

The City invites Proposals from experienced and qualified Contractors for the provision of everything required including all skilled labour, tools, materials, equipment for Supply, Delivery and implementation of Cisco Application Centric Infrastructure (ACI) technology inside the City of Surrey Datacenter.

2. SPECIFICATIONS OF GOODS AND SCOPE OF SERVICES

Project Description

The City's current datacenter network is a relatively flat design that provides limited security and control for lateral traffic movement within the datacenter. In addition, the current network design requires a significant amount of hands on management, and provides little in the way of automation and orchestration.

To solve these problems, the City of Surrey has elected to implement Cisco's ACI technology within the City of Surrey datacentre. The City is accepting proposal for both the supply of Cisco networking equipment and the complete implementation of ACI

High Level Description of Goods and Services Requested

Professional Services

- Proponents should possess CCAr certified (Cisco Certified Architect) or be able to demonstrate (via experience) adequate knowledge and experience in network architecture.
- Proponents should provide a detailed history covering the experience for each of the resources that will be assigned to this project.
- Proponents should have demonstrated experience successfully implementing ACI in a production network for an organization of similar size (or larger) to the City of Surrey.

Proposal professional services should be Quoted at a fixed cost and include:

- Datacentre Readiness Assessment
- Datacentre Design
- ACI Deployment (Application Centric Approach preferred)
 - Two or less tenants
 - 4-6 bridge domains per tenant
 - Two contexts/VRFs per tenant
 - 6-8 End Point Groups per tenant
 - 15 – 20 Contracts per tenant
- L4-7 Integration for PaloAlto Firewalls and F5 Load Balancers
- VMWare Integration (optional)
- Datacentre Migration Services/Support (for legacy to ACI)
- Implementation Project Management

As part of this Quotation, Contractor must commit to providing the following deliverables:

- Project Management Plan

- Datacenter Assessment for ACI
- ACI Architecture Design Documentation
- Migration Plan
- Operational Run Books

Goods

Proposals must include Quotations for all of the items and quantities listed below:

Part Number	Description	Qty
ACI-C9364C-APIC-B1	ACI Bundle with 2 9364C and APIC	1
N9K-C9364C	Nexus 9K ACI & NX-OS Spine, 64p 40/100G QSFP28	2
CON-SNT-N9364C	SNTC-8X5XNBD Nexus 9K ACI NX-OS Spine, 64p 40 100G	2
ACI-N9KDK9-13.0	Nexus 9500 or 9300 ACI Base Software NX-OS Rel 13.0	2
N9K-C9300-ACK	Nexus 9K Fixed Accessory Kit	2
N9K-C9300-RMK	Nexus 9K Fixed Rack Mount Kit	2
NXA-PAC-1200W-PE	Nexus NEBs AC 1200W PSU - Port Side Exhaust	4
NXA-FAN-160CFM-PE	Nexus Fan, 160CFM, port side exhaust airflow	6
CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	4
APIC-CLUSTER-M2	APIC Cluster - Medium Configurations (Up to 1000 Edge Ports)	1
CON-SSPNB-APIC3M2	SSPT PLUS2 8X5XNBD APIC Cluster - Medium Configurations (Up	1
APIC-SERVER-M2	APIC Appliance - Medium Configuration (Upto 1000 Edge Ports)	1
APIC-MRAID12G	Avila Cisco 12G SAS Modular Raid Controller (Raid 0/1)	1
APIC-USBFLSHB-16GB	UCS Servers 16GB Flash USB Drive	1
APIC-TPM2-001	Trusted Platform Module	1
APIC-SD240GBKS4-EV	240 GB 2.5 inch Enterprise Value 6G SATA SSD	1
APIC-CPU-E52609D	1.90 GHz E5-2609 v3/85W 6C/15MB Cache/DDR4 1600MHz	2
APIC-HD600G10K12G	600GB 12G SAS 10K RPM SFF HDD	2
APIC-MR-1X322RV-A	32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v	2
R2XX-RAID0	Enable RAID 0 Setting	1
APIC-PSU1-770W	770W power supply for USC C-Series	2
CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	2
APIC-DK9-3.0	APIC Base Software Release 3.0	1

APIC-PCIE-CSC-02	Cisco VIC 1225 Dual Port 10Gb SFP+ CNA	1
APIC-SERVER-M2	APIC Appliance - Medium Configuration (Upto 1000 Edge Ports)	1
APIC-MRAID12G	Avila Cisco 12G SAS Modular Raid Controller (Raid 0/1)	1
APIC-USBFLSHB-16GB	UCS Servers 16GB Flash USB Drive	1
APIC-TPM2-001	Trusted Platform Module	1
APIC-SD240GBKS4-EV	240 GB 2.5 inch Enterprise Value 6G SATA SSD	1
APIC-CPU-E52609D	1.90 GHz E5-2609 v3/85W 6C/15MB Cache/DDR4 1600MHz	2
APIC-HD600G10K12G	600GB 12G SAS 10K RPM SFF HDD	2
APIC-MR-1X322RV-A	32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v	2
R2XX-RAID0	Enable RAID 0 Setting	1
APIC-PSU1-770W	770W power supply for USC C-Series	2
CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	2
APIC-DK9-3.0	APIC Base Software Release 3.0	1
APIC-PCIE-CSC-02	Cisco VIC 1225 Dual Port 10Gb SFP+ CNA	1
APIC-SERVER-M2	APIC Appliance - Medium Configuration (Upto 1000 Edge Ports)	1
APIC-MRAID12G	Avila Cisco 12G SAS Modular Raid Controller (Raid 0/1)	1
APIC-USBFLSHB-16GB	UCS Servers 16GB Flash USB Drive	1
APIC-TPM2-001	Trusted Platform Module	1
APIC-SD240GBKS4-EV	240 GB 2.5 inch Enterprise Value 6G SATA SSD	1
APIC-CPU-E52609D	1.90 GHz E5-2609 v3/85W 6C/15MB Cache/DDR4 1600MHz	2
APIC-HD600G10K12G	600GB 12G SAS 10K RPM SFF HDD	2
APIC-MR-1X322RV-A	32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v	2
R2XX-RAID0	Enable RAID 0 Setting	1
APIC-PSU1-770W	770W power supply for USC C-Series	2
CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	2
APIC-DK9-3.0	APIC Base Software Release 3.0	1
APIC-PCIE-CSC-02	Cisco VIC 1225 Dual Port 10Gb SFP+ CNA	1
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	12
N9K-C93180YCEXB18Q	2 Nexus 93180YC-EX with 8 QSFP-40G-SR-BD	1
CON-SNT-93180YB1	SNTC-8X5XNBD 2 Nexus 93180YC-EX w	1
N9K-C93180YC-EX-B	Nexus 93180YC-EX bundle PID	1

CON-SNT-93180YBN	SNTC-8X5XNBD Nexus 93180YC-EX bun	1
NXA-FAN-30CFM-F	Nexus 2K/3K/9K Single Fan, port side exhaust airflow	4
NXA-PAC-650W-PE	Nexus NEBs AC 650W PSU - Port Side Exhaust	2
CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	2
N3K-C3064-ACC-KIT	Nexus 3K/9K Fixed Accessory Kit	1
QSFP-40G-SR-BD	QSFP40G BiDi Short-reach Transceiver	4
N9K-C93180YC-EX-B	Nexus 93180YC-EX bundle PID	1
CON-SNT-93180YBN	SNTC-8X5XNBD Nexus 93180YC-EX bun	1
NXA-FAN-30CFM-F	Nexus 2K/3K/9K Single Fan, port side exhaust airflow	4
NXA-PAC-650W-PE	Nexus NEBs AC 650W PSU - Port Side Exhaust	2
CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	2
N3K-C3064-ACC-KIT	Nexus 3K/9K Fixed Accessory Kit	1
QSFP-40G-SR-BD	QSFP40G BiDi Short-reach Transceiver	4
ACI-N9KDK9-13.0	Nexus 9500 or 9300 ACI Base Software NX-OS Rel 13.0	1
ACI-ES-XF	ACI Essential SW license for a 10/25/40G+ Nexus 9K Leaf	1
ACI-N9KDK9-13.0	Nexus 9500 or 9300 ACI Base Software NX-OS Rel 13.0	1
ACI-ES-XF	ACI Essential SW license for a 10/25/40G+ Nexus 9K Leaf	1

Attachment 2

Part A: Hardware

F.O.B. Destination Freight Prepaid	Payment Terms: A cash discount of ____% will be allowed if invoices are paid within ____ days, or the ____ day of the month following, or net 30 days, on a best effort basis.	Ship Via:		
Part Number	Description	Qty	Unit Price	Total Amount
ACI-C9336-APIC-B1	ACI Bundle with 2 9336 and APIC	1		
N9K-C9336PQ	Nexus 9K ACI Spine, 36p 40G QSFP+	2		
CON-SNT-9336PQ	SNTC-8X5XNBD,Nexus 9336 ACI Spine switch with 36p 40G QS	2		
ACI-N9KDK9-13.0	Nexus 9500 or 9300 ACI Base Software NX-OS Rel 13.0	2		
N9K-C9300-ACK	Nexus 9K Fixed Accessory Kit	2		
N9K-C9300-RMK	Nexus 9K Fixed Rack Mount Kit	2		
N9K-C9300-FAN3	Nexus 9300 Fan 3, Port-side Intake	4		
N9K-PAC-1200W	Nexus 9300 1200W AC PS, Port-side Intake	4		
CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	4		
APIC-CLUSTER-M2	APIC Cluster - Medium Configurations (Up to 1000 Edge Ports)	1		
CON-SSSNT-APIC3M2	SOLN SUPP 8X5XNBD APIC Cluster - Medium Configurations (Up	1		
APIC-SERVER-M2	APIC Appliance - Medium Configuration (Upto 1000 Edge Ports)	1		
APIC-MRAID12G	Avila Cisco 12G SAS Modular Raid Controller (Raid 0/1)	1		
APIC-PSU1-770W	770W power supply for USC C-Series	1		
APIC-USBFLSHB-16GB	UCS Servers 16GB Flash USB Drive	1		
APIC-TPM2-001	Trusted Platform Module	1		
APIC-SD240GBKS4-EV	240 GB 2.5 inch Enterprise Value 6G SATA SSD	1		
APIC-CPU-E52609D	1.90 GHz E5-2609 v3/85W 6C/15MB Cache/DDR4 1600MHz	2		
APIC-HD600G10K12G	600GB 12G SAS 10K RPM SFF HDD	2		
APIC-MR-1X322RV-A	32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v	2		
R2XX-RAID0	Enable RAID 0 Setting	1		
APIC-PSU1-770W	770W power supply for USC C-Series	1		
CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	2		
APIC-DK9-2.3	APIC Base Software Release 2.3	1		
APIC-PCIE-CSC-02	Cisco VIC 1225 Dual Port 10Gb SFP+ CNA	1		

APIC-SERVER-M2	APIC Appliance - Medium Configuration (Upto 1000 Edge Ports)	1		
APIC-MRAID12G	Avila Cisco 12G SAS Modular Raid Controller (Raid 0/1)	1		
APIC-PSU1-770W	770W power supply for USC C-Series	1		
APIC-USBFLSHB-16GB	UCS Servers 16GB Flash USB Drive	1		
APIC-TPM2-001	Trusted Platform Module	1		
APIC-SD240GBKS4-EV	240 GB 2.5 inch Enterprise Value 6G SATA SSD	1		
APIC-CPU-E52609D	1.90 GHz E5-2609 v3/85W 6C/15MB Cache/DDR4 1600MHz	2		
APIC-HD600G10K12G	600GB 12G SAS 10K RPM SFF HDD	2		
APIC-MR-1X322RV-A	32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v	2		
R2XX-RAID0	Enable RAID 0 Setting	1		
APIC-PSU1-770W	770W power supply for USC C-Series	1		
CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	2		
APIC-DK9-2.3	APIC Base Software Release 2.3	1		
APIC-PCIE-CSC-02	Cisco VIC 1225 Dual Port 10Gb SFP+ CNA	1		
APIC-SERVER-M2	APIC Appliance - Medium Configuration (Upto 1000 Edge Ports)	1		
APIC-MRAID12G	Avila Cisco 12G SAS Modular Raid Controller (Raid 0/1)	1		
APIC-PSU1-770W	770W power supply for USC C-Series	1		
APIC-USBFLSHB-16GB	UCS Servers 16GB Flash USB Drive	1		
APIC-TPM2-001	Trusted Platform Module	1		
APIC-SD240GBKS4-EV	240 GB 2.5 inch Enterprise Value 6G SATA SSD	1		
APIC-CPU-E52609D	1.90 GHz E5-2609 v3/85W 6C/15MB Cache/DDR4 1600MHz	2		
APIC-HD600G10K12G	600GB 12G SAS 10K RPM SFF HDD	2		
APIC-MR-1X322RV-A	32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v	2		
R2XX-RAID0	Enable RAID 0 Setting	1		
APIC-PSU1-770W	770W power supply for USC C-Series	1		
CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	2		
APIC-DK9-2.3	APIC Base Software Release 2.3	1		
APIC-PCIE-CSC-02	Cisco VIC 1225 Dual Port 10Gb SFP+ CNA	1		
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	12		

N9K-C93180YCEXB18Q	2 Nexus 93180YC-EX with 8 QSFP-40G-SR-BD	1		
CON-SNT-93180YB1	SNTC-8X5XNBD 2 Nexus 93180YC-EX w	1		
N9K-C93180YC-EX-B	Nexus 93180YC-EX bundle PID	1		
CON-SNT-93180YBN	SNTC-8X5XNBD Nexus 93180YC-EX bun	1		
N3K-C3064-ACC-KIT	Nexus 3K/9K Fixed Accessory Kit	1		
QSFP-40G-SR-BD	QSFP40G BiDi Short-reach Transceiver	4		
N9K-C93180YC-EX-B	Nexus 93180YC-EX bundle PID	1		
CON-SNT-93180YBN	SNTC-8X5XNBD Nexus 93180YC-EX bun	1		
N3K-C3064-ACC-KIT	Nexus 3K/9K Fixed Accessory Kit	1		
QSFP-40G-SR-BD	QSFP40G BiDi Short-reach Transceiver	4		
ACI-N9KDK9-12.2A	Nexus 9500 or 9300 ACI Base Software NX-OS Rel 12.2A	1		
CAB-C13-CBN	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	2		
NXA-PAC-650W-PE	Nexus NEBs AC 650W PSU - Port Side Exhaust	2		
NXA-FAN-30CFM-F	Nexus 2K/3K/9K Single Fan, port side exhaust airflow	4		
N93-LIC-BUN-P1	N9300 LAN and ACI Software License Bundle PAK	1		
N93-LAN1K9	LAN Enterprise License for Nexus 9300 Platform	1		
ACI-N9K-48X	ACI SW license for a 48p 1/10G Nexus 9K	1		
ACI-N9KDK9-12.2A	Nexus 9500 or 9300 ACI Base Software NX-OS Rel 12.2A	1		
CAB-C13-CBN	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	2		
NXA-PAC-650W-PE	Nexus NEBs AC 650W PSU - Port Side Exhaust	2		
NXA-FAN-30CFM-F	Nexus 2K/3K/9K Single Fan, port side exhaust airflow	4		
ACI-AD-XF	ACI Advantage SW license for a 10/25/40G+ Nexus 9K Leaf	1		
ACI-AD-XF	ACI Advantage SW license for a 10/25/40G+ Nexus 9K Leaf	1		
			Subtotal:	\$
			GST 5%	\$
			PST 7%	\$

CURRENCY: Canadian

TOTAL
QUOTATION
PRICE