



DASNY

ANDREW M. CUOMO
Governor

ALFONSO L. CARNEY, JR.
Chair

REUBEN R. MCDANIEL, III
President & CEO

SECTION A

ALBANY (HEADQUARTERS): 515 Broadway, Albany, NY 12207 | 518-257-3000

NEW YORK CITY: One Penn Plaza, 52nd Floor, New York, NY 10119 | 212-273-5000

BUFFALO: 539 Franklin Street, Buffalo, NY 14202 | 716-566-4400

ROCHESTER: 3495 Winton Place, Building C, Suite 1, Rochester, NY 14623 | 585-461-8400

DORMITORY AUTHORITY STATE OF NEW YORK

**WE FINANCE, DESIGN & BUILD
NEW YORK'S FUTURE.**

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<u>BID NO.:</u> 679	<u>PROJECT NAME & LOCATION:</u> CUNY - Queens College 65-30 Kissena Blvd Queens, NY 11367-1567
<u>Description:</u> Furnish, Deliver, Install and Provide Implementation Services for Cisco Products	
<u>Bid Open Location:</u> DASNY 515 Broadway, Albany, NY 12207	
<u>Bid Open Date:</u> August 13, 2020	<u>Contact:</u> Stacie Craft (518) 257-3085
<u>Bid Open Time:</u> 2:30 p.m.	

NOTICE TO BIDDERS

MAIL BIDS EARLY

Sealed bids will be received by DASNY at the above address for the items listed in the attached Bid Breakdown and Schedule. When submitting your bid you must:

1. Prepare your bid on the attached Bid Breakdown and Schedule. Return one signed original of the Bid Breakdown and Schedule
2. If your bid deviates from Specifications, explain such deviations or qualifications on your letterhead, setting forth therein such explanations, and attach them to the Bid Breakdown and Schedule.
3. Submission of a bid constitutes full knowledge and acceptance of all provisions of the Notice to Bidders, all information referenced in the Purchasing General Conditions, Supplemental and Detailed Specifications, the Bid Submission and any Supplemental General Requirements contained herein, as well as any addenda issued in relation to the Invitation for Bids.

4. Each bid shall bear on the outside of the envelope the name of the bidder, address, telephone number and designated as a bid for the following:

DASNY Bid No. 679 - Furnish, Deliver, Install and Provide Implementation Services for Cisco Products

Bid Opening Date August 13, 2020 @ 2:30PM

Return to:

DASNY

Attn: Purchasing Unit

515 Broadway

Albany, NY 12207-2964



Bid No.: 679

When a sealed bid is placed inside another delivery jacket, the bid delivery jacket must be clearly marked on the outside “**BID ENCLOSED**” and “**ATTENTION: PURCHASING UNIT**”. The Dormitory Authority will not be responsible for receipt of bids which do not comply with these instructions.

5. Mail bid responses early in order for them to be received before the time of the bid opening. **Late bids will be automatically rejected.** Individuals submitting bids in person or by private delivery services should allow sufficient time for processing through building security to assure that the bids are received prior to the deadline for submitting bids. All individuals who plan to attend bid openings will be required to present government-issued picture identification to building security officials and obtain a visitor’s pass prior to attending the bid opening.

6. In accordance with State Finance Law § 139-j and 139-k, this solicitation includes and imposes certain restrictions on communications between Dormitory Authority personnel and an Offerer during this procurement process. Designated contact for this solicitation is:
Select One , at Dormitory Authority – State of New York, 515 Broadway, Albany, NY 12207,(518) 257-3085. Contacts made to other Dormitory Authority Personnel regarding this procurement may disqualify the Offerer and affect future procurements with governmental entities in the State of New York. Please refer to the Authority’s website www.dasny.org for Authority policy and procedures regarding this law, or the NYS office of General Services website www.ogs.ny.gov/BU/PC/ for more information about this law.



Bid No.: 679

If you are not submitting a bid it is requested that you complete and return the lower portion of this form

(Please check all that apply and provide comments in the space provided, if necessary)

- We are not Submitting a bid.
- We Request removal of our name from the mailing list.
- Location of the job site.
- Commodity is not carried by our company.
- Scope is too large.

Other/Additional Explanation: _____

NAME OF BIDDER: _____

ADDRESS : _____

Street Telephone	City	State	Zip
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Signature of Bidder

Official Title

CLAUSES PURSUANT TO THE OMNIBUS PROCUREMENT ACT OF 1992

It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority and woman-owned business enterprises as bidders, subcontractors and suppliers on its procurement contracts.

Information on the availability of New York subcontractors and supplies is available from:

Empire State Development
Small Business Division
30 South Pearl Street, 7th Floor
Albany, NY 12207
Phone: (800) 782-8369

A directory of minority and woman-owned business enterprises is available from:

Empire State Development
Division of Minority and Women Business Development
30 South Pearl Street
Albany, NY 12207
Phone: (518) 292-5250

Online Directory: <https://ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp>

DASNY maintains a directory of minority and women-owned business enterprises:
<http://www.dasny.org/construc/mwsberreg/index.php>

The contractor acknowledges notice that New York State may seek to obtain offset credits from foreign countries as a result of this contract and agrees to cooperate with the State in these efforts.

DASNY encourages the use of recycled Materials in the manufacturing process. To that end, the recycled product must meet the same codes, specifications and standards the non-recycled materials do, including requirements for cost, installation, aesthetics, availability and maintenance.

The Omnibus Procurement Act of 1992 and § 2879 of the NYS Public Authorities Law require that by signing this bid, contractors certify that whenever the total bid amount is greater than \$1 million:

1. The contractor has made reasonable efforts to encourage the participation of New York State Business Enterprises as suppliers and Subcontractors on this project, and has retained the documentation of these efforts to be provided upon request to the State. If the contractor determines that NYS business enterprises are not available to participate on the contract as subcontractors or suppliers, the contractor shall provide a statement indicating the method by which such determination was made. If the contractor does not intend to use subcontractors, contractor shall provide a statement verifying such;
2. The contractor has complied with the Federal Equal Opportunity Act of 1972 (PL 92-261), as amended;
3. The contractor agrees to make reasonable efforts to provide notification to New York State residents of employment opportunities on this project through listing any such positions with the Job Service Division of the New York State Department of Labor, or providing such notification in such manner as is consistent with existing collective bargaining contracts or agreements. The contractor agrees to document these efforts and to provide said documentation to the State upon request;

DASNY is required by law to notify the NYS Department of Economic Development of any procurement contract for one million dollars or more that is to be awarded to an out-of-state vendor. This notice must be done simultaneous to the notification of award provided to the vendor. A purchase order or contract cannot be issued until fifteen (15) days after such notification is provided.



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GENERAL SPECIFICATIONS

- (1) The enclosed Purchasing General Conditions are hereby incorporated by reference. Submission of a bid response shall constitute acceptance of such conditions. Any exceptions/clarifications/qualifications to these conditions or other specifications and/or requirements contained herein must be clearly stated in the bid response and, depending upon the nature of such, may be grounds for rejection of your bid.
- (2) Bids must be submitted in the bidder's full legal name, or the bidder's full legal name plus a registered assumed name, if any.
- (3) All NYS bidders are required to be registered to do business with the NYS Department of State or their local County Clerk, whichever is applicable.
- (4) All out-of-state bidders will be required to provide proof of registration to do business in their state. All out-of-state bidders that "do business in New York State" **MUST BE REGISTERED WITH THE NYS DEPARTMENT OF STATE**. Please contact the NYS Department of State at (518) 473-2492. Information is available at the DOS website: www.dos.ny.gov
- (5) DASNY is required by law to notify the Empire State Development of any procurement contract for one million dollars or more that is to be awarded to an out-of-state vendor. This notice must be done simultaneous to the notification of award provided to the vendor. A purchase order or contract cannot be issued until fifteen (15) days after such notification is provided.
- (6) Empire State Development is required by law to identify states and other jurisdictions that impose preferences or other penalties against New York bidders. DASNY is precluded from soliciting bids or entering into procurement contracts with companies that have their principal place of business located in one of the listed jurisdictions, unless the procurement is for a product that is substantially manufactured in New York State or the services are to be performed in New York State. Currently, this list of jurisdictions includes the states of Alaska, Hawaii, Louisiana, South Carolina, West Virginia and Wyoming.
- (7) Unless otherwise indicated, any reference to brands or model numbers is intended to establish a standard. Items of all manufacturers will be considered, provided the item is determined to meet or exceed the required specification. DASNY's decision as to whether a substitute item meets specification will be final. Your attention is directed to Article II-7, Page 5 of the General Conditions. In order to evaluate substitute items, detailed specifications must be submitted for any product that is other than the one(s) specified in the bid.



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GENERAL SPECIFICATIONS CONTINUED

- (8) Unless otherwise noted, guarantee on all items is to be one year as detailed in Article XVI of the General Conditions
- (9) All upholstered furniture and drapery panels and lining must meet strict flammability requirements. Standards applicable to this bid, if any, will be delineated in the Detailed Specifications.
- (10) LABOR/TRADES - Any labor, materials or means whose employment, or utilization during the course of this contract, shall not in any way cause or result in strike, work stoppages, delays, suspension of work; or similar troubles by workers employed by this contractor or his subcontractors, or by any of the trades working in or about the buildings and premises where work is being performed. Any violation by the contractor of this requirement may in the sole judgment of DASNY be considered as proper and sufficient cause for declaring the contractor to be in default, and for the owner to take action against him as set forth in the Purchasing General Conditions, Article VIII, "Termination", or such other action as DASNY may deem proper.
- (11) Bid results are available on the DASNY website (www.DASNY.org). Bid results will not be given over the phone.
- (12) If you are a NYS Certified Minority or Women Owned Business, please include a copy of your certification with the bid.



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SUPPLEMENTAL SPECIFICATIONS

The following items are attached for informational purposes. Referenced documents need not be returned with the proposal. These documents are only applicable to the successful bidder and the ensuing procurement contract. Documents are only applicable to the successful bidder and the ensuing procurement contract. Documents applicable to the procurement that will result from this Invitation for Bids are designated by a check box (☒). Unless otherwise indicated, the referenced documents are located at the end of this Invitation for Bids.

- ☒ **Purchasing General Conditions** – The DASNY Purchasing General Conditions contains terms and conditions of purchases made by DASNY. It is recommended that this document be reviewed fully.
- ☒ **M/WBE Utilization Plan and Request for Waiver** - Minority and Women-Owned Business Enterprise (M/WBE) goals for this project are 18% and 20%, respectively. The successful bidder shall be required to complete a Utilization Plan or Request for Waiver, to be approved by DASNY’s Opportunity Programs Group. Reference Purchasing General Conditions, Article XIX, Affirmative Action for Contracts Mr. Michael Clay, DASNY Opportunity Programs Group at (518) 257-3464, is available to assist all bidders in attaining these goals. *Reference the enclosed “Good Faith Efforts Guidelines”.*
- ☒ **Supplemental Information and General Requirements** – Attached (if applicable) are the Supplemental General Requirements (SGRs) which provide important logistical information and additional conditions which govern this procurement. Please read these SGRs carefully.
- ☒ **Form of DASNY Contract** – The procurement resulting from the Invitation for Bids will be executed through a DASNY purchase order and a related contract. The contract executed with the successful bidder will be in the same substantial form as the attached “Form of Contract”. Note that this Invitation for Bids and any response to such will be annexed as binding terms of the purchase agreement.
- ☒ **Certificate of Insurance** (*sample enclosed*) – The successful bidder will be required to provide a Certificate of Insurance pursuant to Article XIV of the enclosed Purchasing General Conditions. The certificate shall name DASNY and other designated parties as additional insureds.

SUPPLEMENTAL SPECIFICATIONS CONTINUED

- Worker’s Compensation / Disability Insurance** – The successful proposer will be required to provide specific documentation with respect to Worker’s Compensation and Disability Insurance pursuant to Article XIV of the enclosed Purchasing General Conditions. Requirements are detailed in the enclosed “Workers’ Compensation and Disability Benefits Requirements” document.
- Prevailing Wage Schedule** – NYS Labor Law requires all wages paid by contractors and subcontractors on public work projects be paid at the prevailing wage rates. Enclosed is the current rate schedule for the appropriate county. Contractors and Subcontractors are responsible for obtaining current rates throughout the course of the project. The NYS Department of Labor (NYS DOL) updates these rates on July 1st of each year. Current rates can be obtained on the NYS DOL website (www.labor.state.ny.us) or by fax at (518) 485-1870. Note that an executed Contractor and Subcontractor Certification and certified payrolls, which include the hours and days worked by each workman, laborer or mechanic, the occupation at which he worked, the hourly wage rate paid and the supplements paid or provided, must be submitted with each and every payment requisition. **DASNY will not process an invoice without this information.** Forms are available on the DASNY website:
<http://www.dasny.org/construc/forms2/vendors.php>
- Labor and Material Payment Bond** – The successful bidder must be prepared to provide surety bonds prior to award in accordance with Article XIV of the DASNY Purchasing General Conditions. The costs of these bonds are to be separately stated in the total bid price as indicated on the Bid Breakdown and Schedule.
- Performance Bond** – The Successful bidder must be prepared to provide surety bonds prior to award in accordance with Article XIV of DASNY Purchasing General Conditions. The costs of these bonds are to be separately stated in the total bid price as indicated on the Bid Breakdown and Schedule.
- Standard Vendor Responsibility Questionnaire (SVRQ)** – The successful proposer, in accordance with Article XXII of DASNY Purchasing General Conditions, will be required to complete the enclosed SVRQ. The award of a contract will be subject to a review of the information contained in these forms.



SUPPLEMENTAL SPECIFICATIONS CONTINUED

- NYS Uniform Contracting Questionnaire (UCQ)** – The successful proposer will be required to complete the enclosed UCQ. The award of a contract will be subject to a review of the information contained in these forms.

- DASNY Contractor and Consultant Questionnaire (CCQ)** – The successful proposer will be required to complete the enclosed CCQ. The award of a contract will be subject to a review of the information contained in these



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Supplemental Information and General Requirements

Requests for Information:

All questions pertaining to Bid No. 679 – Furnish, Deliver, Install and Provide Implementation Services for CISCO Products are due no later than 4:00 p.m. on Wednesday, July 29, 2020 to scraft@dasny.org. RFI Responses will be posted via Addenda to DASNY's Website in the Attachments Section of the Bid Opportunity Page for Bid No. 679.

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BUFFALO: 539 Franklin Street, Buffalo, NY 14202 | 716-884-9780
ROCHESTER: 3495 Winton Place, Building C, Suite 1, Rochester, NY 14623 | 585-461-8400

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SCOPE OF WORK

See Attached

Queens College

Campus wide – Telephone System

The scope of work for this project is to provide for the complete replacement of the Campus Wide telephone system with a new CISCO Unified Communications phone system including, but not limited to, new phone terminals, servers, switches and all ancillary equipment.

Installation Services:

Complete all necessary physical installation on-site pertaining to new pbx – for example:

- Rack and Stack Analog modules.
- Break out wiring installation to punch down blocks or patch panels.
- Install, wire and configure devices for trunking to new pbx and existing, etc.
 - o Provide any screwing into walls and/or desks where required.
- Vendor must configure existing Avaya PBX with new Cisco PBX to run parallel.
- Both system must communicate with each other during installation/migration.
- Configuration would include dial plan, trunking, route patterns, cor, cos, cabling, termination, etc.
- Perform final test runs before shutting down existing pbx.
- Perform network stress test before implementation
- Connection, configuration and deployment of telephone handsets Queens College Technicians will assist and provide the access to locations.
- This should be quoted as a fixed lump sum price.

Implementation Services:

- Please provide a detailed summary of any implementation services required to have the Cisco Telephone System up and running.
- This should be quoted as a fixed lump sum price.

Training Services:

- Please provide a summary of the training required to have the Cisco Telephone System operational and the faculty and staff trained.
- Training to include:
 - o System Admin Training
 - o End User Training
 - o Call Center Training
- This should be quoted as a fixed lump sum price.
 - o Please provide a breakdown of the anticipated number of training hours required.

Additional Information:

- See attached Questions and Answers between Queens College and Cisco for additional information.
- See attached Strategy on a Page provided by Cisco.

Questions asked by Queens College:

Current system has 4037 active extensions which includes the following:

Digital sets

Analog Sets

Analog Lines

Virtual and Phantom Extensions (Extensions with no physical sets)

Auto Attendant Numbers

1. Will the current proposal cover what is existing and also for future growth?

(MS) The current proposal is structured as an Enterprise Agreement, which is based on the number of Knowledge Workers at the school. In general, knowledge workers are described as those who use a computer and/or phone as a primary part of their daily work. In higher education, this typically equates to full-time faculty, full-time staff, and part-time staff totaled together—we then subtract out the typical facilities, food service, or other type of worker who aren't at a desk or on the phone. The proposal breaks down this way:

- * 1800 Knowledge Workers (can have one or more phones / soft phones)
- * 900 Common Space phones (50% of the KW count provided at no charge)
- * 1130 Additional Common Space phones (above the 50%)

This is a total of 3830 “phones.” We do not charge for extensions or virtual lines...only when there is a user or their phones provisioned in the system. The Enterprise agreement also provides for 20% growth over the term of the contract without any additional charges. This means that your 1800 knowledge workers can grow to 2160 Knowledge Workers and 1080 common area phones. With the additional common space phones, you would be able to accommodate 4370 “phones.”

****Queens is interested in 5 years subscription which should include licensing and maintenance agreement and cost.

2. On the 6 IVR lines (Is speech attendant part of this proposal? If yes is it in the voicemail or IPPBX platform?)

(MS) We provided 100 call center agents. 10 are premium agents (supervisors) and 19 are standard. We included 5 speech-enabled IVR ports in the cloud. These can be used for any speech-enabled contact center functions. We also include speech-enabled auto-attendant with the voicemail platform. This is designed for locating subscribers and transferring calls to their phones.

Speech-Enabled IVR ports are an optional feature of the contact center and not required. IVR without speech enablement is included in the agent licenses for the contact center. If the only speech application is auto-attendant, you should be able to leverage the speech features built into the voicemail system.

3. How many licenses for Auto-Attendant? Also, Announcements and Vectoring (timetable/holiday table)

Cisco Unified Communications Manager (unified CM) includes a full set of features to build hunt groups (vectors) that include various destination selection algorithms, basic queueing, and playing of in “queue” announcements.

4. Is extension to cellular in this proposal? If yes how many seats?

(MS) Extension to Cellular is included. Cisco refers to this feature as “Single Number Reach.” It is included for all knowledge workers in this proposal.

5. Is conference included? What is the maximum number of participants? How many conference bridges?

(MS) Unified CM includes the ability to do basic ad-hoc or meet-me conferencing up to 6 parties. It is dependent upon deploying sufficient resources (in the form of virtual servers or of hardware conferencing “bridges”) to scale to the number of conferences needed.

This proposal also includes the full Webex Meetings Suite. It is licensed as an active user model. Active User allows you to conveniently create a Webex Host Account for all 1800 knowledge workers, but it assumes that in any given month that only 10% of them are actively hosting a meeting—that is, 180 hosts. (Webex only charges for users who host a meeting, it does not charge for meeting attendees.)

Cisco checks your Webex usage during the 9th, 10th, and 11th months of each year the agreement is active, and if your average number of hosts for that three month period exceeds the 10% (180) host number, Cisco will “true forward” your account for the next year—charging only for the excess active hosts. Should your usage fall again during the next annual review, the agreement would revert to the 10% active user number.

Included with the Webex web conferencing is both audio and video conferencing. There is no charge for video users or for video systems attending meetings. Cisco also includes unlimited VoIP audio and “toll” audio for PSTN dial-in.

6. Can we do the following on the system: Call Blocking, change incoming call treatment, run cdr reports?

(MS)

Cisco has a mechanism in Unified CM that allows you to block calls from specific numbers. If extensive or user-directed call blocking is needed, there are a number of Cisco Partners who offer flexible applications to configure and manage call blocking. Through the use of built-in APIs, these features can be implemented without impacting the reliability of the overall system.

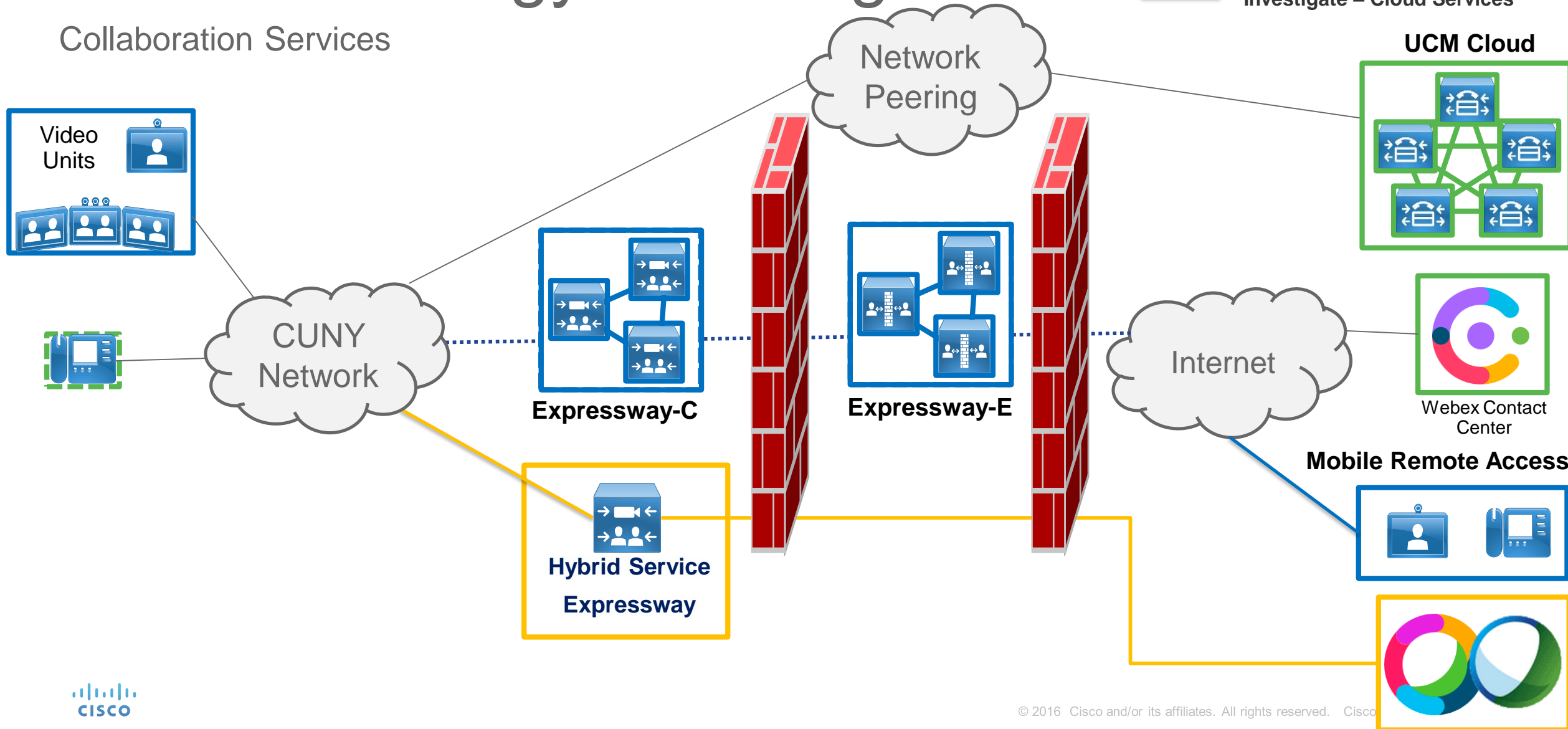
With the included options in this proposal, there are a number of ways that incoming call treatment can be configured. From customized auto-attendants or call-trees in Unity to a complete speech-enabled IVR in the cloud, the majority of including call processing needs can be met.

Unified CM has a basic utility that allows administrators to query call detail records for specific usage. This utility is not a substitute for a full call-accounting system. Unified CM has a public definition of its CDR format, so nearly every call-accounting system has the ability to process its CDRs.

SOAP “Strategy on a Page”

Collaboration Services

- Underway – CUCM Infra, CC
- Planning – Mobile, Video
- Investigate – Cloud Services





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Detailed Specifications

See Attached

Bid No. 679 - Queens College Telephone Upgrade

Furnish, Deliver, Install and Provide Implementation and Training on Cisco Products as listed below.

Part Number	Description	Qty
A-FLEX	Collaboration Flex Plan	1
SVS-SPK-SUPT-BAS	Basic Support for Cisco Spark	1
A-FLEX-EA-U-COMMON	UCM Cloud Calling Common Area Add-on	1130
A-FLEX-FILESTG-ENT	File Storage Entitlement	43200
A-FLEX-DEVREG-ENT	Cloud Device Registration Entitlement	2160
A-FLEX-MSG-ENT	Messaging Entitlement	2160
A-FLEX-EXP-RMS	Expressway Rich Media Session (1)	90
A-FLEX-EA-PRO-PK	EA Pro Pack for Cisco Webex Control Hub (1)	1800
A-FLEX-UL-UCM	UCM Cloud Calling Unified Communications Manager ENT	2160
A-FLEX-UL-TPR	UCM Cloud Calling TelePresence Room ENT	18
A-FLEX-UL-ESS	UCM Cloud Calling Essential ENT	180
A-FLEX-UL-COMMON	UCM Cloud Calling Common Area ENT	1490
A-FLEX-UL-UCXN	UCM Cloud Calling Unity Connection ENT	2160
A-FLEX-UL-ER	UCM Cloud Calling Emergency Responder ENT	2160
A-FLEX-UC-EDG-200M	200Mbps Redundant Peering Links	1
A-SPK-VOIP	Included VoIP (1)	1
A-FLEX-TOLL-DIALIN	Meetings Toll Dial-In Audio (1)	180
A-FLEX-MEET-ENT	Cloud Meetings Entitlement	2160
A-FLEX-EDGAUD-USER	A-FLEX Webex Edge Audio	180
A-FLEX-AUCM1-EAL	AU Cloud Meetings Tier 1 purchased with EntW Calling (1)	180

A-FLEX-EAUL1-AUM	EntW UCM Cloud Calling Tier 1 purchased with AU Meetings	1800
A-FLEX-CC	Flex Contact Center	1
SVS-FLEX-SUPT-BAS	Basic Support for Flex Plan	1
A-FLEX-CJNPC-O	Webex Contact Center Premium Concurrent Agent Overage	1
A-FLEX-CJNSC-O	Webex Contact Center Standard Concurrent Agent Overage	1
A-FLEX-IVRS-O	Speech Enabled IVR Port Overage	1
A-FLEX-CJNPC	Webex Contact Center Premium Concurrent Agent	6
A-FLEX-CJNSC	Webex Contact Center Standard Concurrent Agent	19
A-FLEX-IVRS	Speech Enabled IVR Port	5
A-FLEX-A-P-AGT-ENT	Flex CC Cloud Premium Agent Entitlement	6
A-FLEX-A-S-AGT-ENT	Flex CC Cloud Standard Agent Entitlement	19
A-CC-IVRS-ENT	Speech Enabled IVR Port Entitlement	5
CP-8841-K9=	Cisco IP Phone 8841	1000
CP-8811-K9=	Cisco IP Phone 8811 Series	1930
CP-8851-K9=	Cisco IP Phone 8851	1
CP-8800-WMK=	Wall Mount Kit for Cisco IP Phone 8800 Series	1
CP-8800-A-KEM=	8800 Series Audio KEM, 28 Button	1
CP-7832-K9=	Cisco 7832 IP Conference Station	1
CP-8832-K9	Cisco 8832 in Charcoal with accessories for North America	1
CP-8832-POE	Cisco IP Conference Phone 8832 PoE Accessories for Worldwide	1
CP-8832-MIC-WIRED=	Cisco 8832 Wired Microphones Kit for Worldwide	1
CP-8832-MIC-WLS=	Cisco 8832 Wireless Microphones Kit for North America	1
CP-8832-DC=	8832 Daisy Chain Kit for North America	1
VG310	Modular 24 FXS Port VoIP Gateway with PVDM3-64	18

SVG3XUK9-15603M	Cisco VG3X0 UNIVERSAL	18
SL-VG3X0-SEC-K9	Cisco VG3X0 Security License	18
MEM-CF-256U4GB	256MB to 4GB Compact Flash Upgrade for Cisco 1900,2900,3900	18
CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	18
PVDM3-64	64-channel high-density voice DSP module	18
HWIC-BLANK	Blank faceplate for HWIC slot on Cisco ISR	18
SL-VG3X0-IPB-K9	Cisco VG3X0 IP Base License	18
SL-VG3X0-UC-K9	Cisco VG3X0 Unified Communications License	18
VG320	Modular 48 FXS Port VoIP Gateway with PVDM3-128	11
SVG3XUK9-15603M	Cisco VG3X0 UNIVERSAL	10
SL-VG3X0-SEC-K9	Cisco VG3X0 Security License	10
MEM-CF-256U4GB	256MB to 4GB Compact Flash Upgrade for Cisco 1900,2900,3900	10
CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	10
PVDM3-128	128-channel high-density voice DSP module	10
HWIC-BLANK	Blank faceplate for HWIC slot on Cisco ISR	10
SL-VG3X0-IPB-K9	Cisco VG3X0 IP Base License	10
SL-VG3X0-UC-K9	Cisco VG3X0 Unified Communications License	10
ISR4431-VSEC/K9	Cisco ISR 4431 Bundle with UC & Sec Lic, PVDM4-64	2
SL-44-IPB-K9	IP Base License for Cisco ISR 4400 Series	2
PWR-4430-AC	AC Power Supply for Cisco ISR 4430	2
CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	2
MEM-FLSH-8G	8G eUSB Flash Memory for Cisco ISR 4430	2

PWR-COVER-4430	Cover for empty 2nd Power Supply slot on Cisco ISR 4430	2
MEM-4400-DP-2G	2G DRAM (1 DIMM) for Cisco ISR 4400 Data Plane	2
SL-44-UC-K9	Unified Communication License for Cisco ISR 4400 Series	2
NIM-BLANK	Blank faceplate for NIM slot on Cisco ISR 4400	2
SL-44-SEC-K9	Security License for Cisco ISR 4400 Series	2
MEM-44-4G	4G DRAM (1 x 4G) for Cisco ISR 4400	2
PVDM4-64	64-channel DSP module	2
SISR4400UK9-166	Cisco ISR 4400 Series IOS XE Universal	2
	4 port Multiflex Trunk Voice/Clear-channel Data T1/E1 Module	2
PVDM4-128	128-channel DSP module	2
NIM-1MFT-T1/E1	1 port Multiflex Trunk Voice/Clear-channel Data T1/E1 Module	2
USE-BUNDLED-PVDM	Choose to assemble the PVDM in a Voice bundle on T1/E1 card	2
L-CUBE	Cisco Unified Border Element (CUBE) - E-delivery - top level	1
CUBE-T-RED	CUBE - 1 Redundant Trunk Session License	150
CON-ECMU-LCUBE001	SWSS UPGRADES Cisco Unified Border Element (CUBE) - E-	1
CON-ECMU-CUBETRDE	SWSS UPGRADES CUBE Redundant Trunk Single Session - 1	150
Provide Installation Services		LS
Provide Implementation Services		LS
Provide Training Services - See below		LS

Note:

- Queens College is interested in 5 years subscription which should include licensing and maintenance agreement and cost.

- Training Services to Include the following Services:

- * System Admin Training
- * End User Training
- * Call Center Training