



ADDENDUM NO.: 2

IFB or RFP NO.: 740

Description: Furnish, Deliver and Install Cisco Product

Project: CUNY Central Office

Bid Opening Date: February 17, 2023

Specifics of the Addendum: To provide responses to the requests for information, and to provide revised Detailed Specifications and Scope of Work.

Please see responses to the requests for information below:

1Q: As per the Project Documents there was mention about Active Union Card, can you please advise what does it refer to? Is it required to meet the eligibility criteria?

1A: *CUNY's 395 Hudson Street location is owned by the Carpenter's Union, so there are restrictions on who may deliver and provide installation services at this site. It is required that anyone coming to this location have an active union card to access the site.*

2Q: What Union is required for building. Is it Local3, CWA, or non-union?

2A: CWA.

3Q How many cutovers will be required, i.e., will we do the entire building in a single evening/weekend or will these be spread out?

3A. *CUNY has estimated that there could be as many as 8 cutovers per site. The vendor to deliver all equipment to the storage room at 395 Hudson Street, New York, NY 10014.*

*The vendor to **work with CUNY to develop implementation schedule**, but these cutovers will take place over several weeks.*

Tentative schedule is:

- a. *CUNY/Cisco to build out new distribution*
- b. *Replace switches in 395 Hudson 6th floor IT closets - (1) event (weeknight/weekend)*
- c. *Replace switches in 395 Hudson 5th floor IT closets - (1) event (weeknight/weekend)*

- d. Vendor to transport all legacy gear to 5th floor storage room
- e. CUNY/Cisco to build up new WLCs
- f. Replace all of the WAPs on the 6th floor - (1) event (weeknight/weekend) ←depending on equipment availability – date is TBD
- g. Replace all of the WAPs on the 5th floor - (1) event (weeknight/weekend) ←depending on equipment availability – date is TBD
- h. Vendor to transport all legacy gear to 5th floor storage room

The vendor is to transport all 555 West 57th Street equipment from 395 Hudson Street to the 16th floor of 555 West 57th Street during business hours:

- a. Upgrade distribution switches
- b. Vendor to mount (2) Nexus distribution switches (daytime)
- c. Replace the switches on (2) floor switch stacks/(8) total switches in a single evening/weekend until complete
- d. WAP replacement will take place after all of the switches have been replaced. This may take place on a single event on a weekend or over a few evenings. We need to work together with Cisco to develop an implementation plan – date is TBD
- e. Vendor to transport all removed equipment back to 395 Hudson 5th floor storage room

Vendor to transport all 205 East 42nd Street equipment from 395 Hudson Street to the 10th floor of 205 East 42nd Street:

- a. Upgrade distribution switches
- b. Vendor to mount (2) Nexus distribution switches (daytime)
- c. Replace the switches on (2) switch stacks/(8) total switches in a single evening/weekend until complete
- d. WAP replacement will take place after all of the switches have been replaced. This may take place in a single event on a weekend or over a few evenings. We need to work together with Cisco to develop an implementation plan – date is TBD
- e. Vendor to transport all removed equipment back to 395 Hudson

4Q: Are we asking the vendors to conduct a WIFI survey given the change in the equipment?

4A. See attached revised Scope of Work and Site Logistics, Item 2 – Locations in Scope for the wireless access points for each location.

5Q: Regarding the DNA Center, is physical installation of the DNAC appliance in scope, and if so, which location is it being installed?

5A: CUNY will install the appliances. The location will be 395 Hudson Street.

6Q: The DNA Center appliance comes with two 10gig transceivers but are not shown on the parts list. Transceiver options are; Single-Mode or Multi-Mode fiber SFP's or Twinax cables of the following lengths: 1,3,5, or 7 meters. Which transceiver option do you want?

6A: *See revised Detailed Specifications.*

7Q: The DNAC appliance has dual 10gig ports for redundancy. If fiber SFP's are the desired option, do you need two additional SFP's for the far end of the uplink (switch side)?

7A: *No, CUNY has this equipment available, if needed.*

8Q: Regarding the Distribution Switches, the listed distribution switches are Nexus C93180's but you are introducing DNAC, DNAC requires Catalyst, would you prefer a Catalyst distribution switch?

8A: *CUNY is aware that DNAC requires Catalyst switches. We are using Nexus switches as the distribution layer as we require its feature set. DNAC will only be used on the Catalyst switches.*

9Q: The BOM shows a total of 8 distribution switches (4 two-unit bundles) but RFP requests 6 to be installed. Do we need to install the remaining other 2 switches and, if yes, what location are the extra 2 switches being installed?

9A: *The extra pair of distribution switches are spares and do not need to be installed at this time.*

10Q: Regarding wireless, what model is your current wireless controller (WLC)?

10A: *(2) 8510's (internal) and (2) 5508's (anchor).*

11Q: Is physical installation of the Wireless controllers in scope, and if so, which location(s) are they being installed?

11A: *No – CUNY will install these.*

12Q: Do you need transceivers for the WLC's?

12A: *See revised Detailed Specifications.*

13Q: Who is responsible for the new WLC configurations?

13A: *CUNY and Cisco.*

14Q: DNAC for wireless basically overwrites the 9800 controllers. NOTE: It is best practice to configure the DNAC before the controller is configured. Is a post install wireless survey required?

14A: *Yes, see response to 4Q, above.*

15Q: If a post install wireless survey is required, what is the square footage per building/floor where the AP's will be installed?

15A: *This information is not readily available. We can supply floor plans if needed.*

16Q: For the 395 Hudson location, who is responsible for equipment transport to the individual IDF's?

16A: *The vendor is responsible. The equipment is to be transported from the 5th floor storage room to the IT closets.*

17Q: Please confirm a CUNY staff member will be available to test and confirm all upgrades at time of install?

17A: *Yes – CUNY will have at least (1) staff member present during each upgrade/installation.*

18Q: Would Cisco training credits be acceptable for DNA Center training?

18A: *Yes.*

19Q: Please include the WAP count per floor.

19A: *See revised Scope of Work and Site Logistics, Item 2 – Locations in Scope for the WAP count per floor.*

Attachment A: Bid Breakdown & Schedule – SEE ATTACHED

Item No.	Part No.	Description	QTY	UOM	Unit Price	Extended Price
39	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	12	EA	\$	\$
66	N9K-C93180-FX3-B8C	2xNexus 93180YC-FX3 w/ 8x 100G Optics	4	EA	\$	\$

Attachment B: Detailed Specifications – SEE ATTACHED

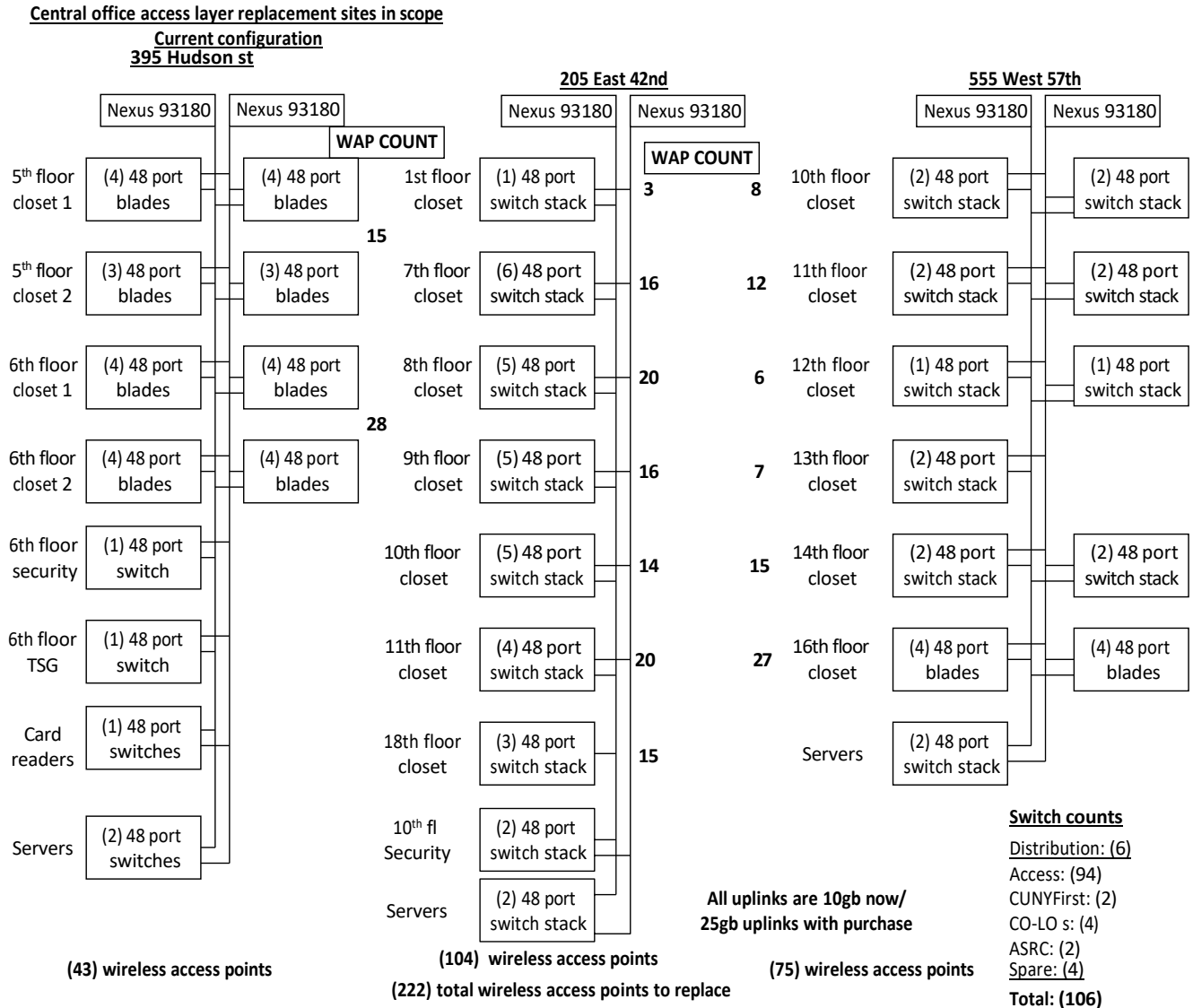
Item No.	Part Number	Description	Term (mos)	Qty
39	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	---	12
66	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	---	4

Attachment C: Scope of Work and Site Logistics – SEE ATTACHED

SCOPE OF WORK:

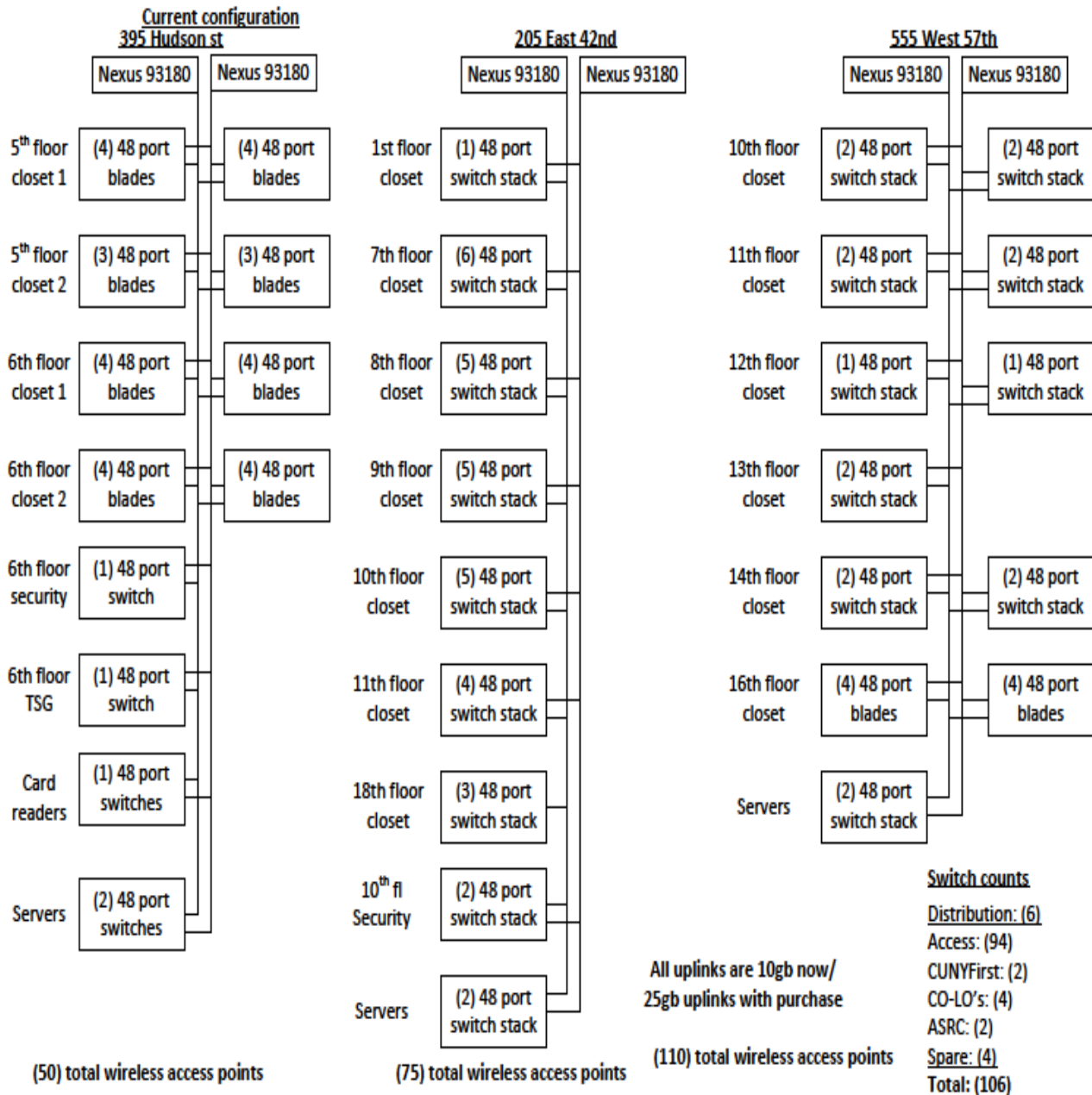
2) Locations in Scope

Current configuration:



3) Planned Configuration

Central office access layer replacement sites in scope



4) In Scope

Wireless LAN

- c. Following like-for-like replacement of WAPs, on a date/time to be coordinated vendor is to conduct a site survey of each floor and work with CUNY to recommend and relocate WAPs for optimal locations.

All other terms and conditions of the original Invitation for Bids shall remain the same.

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

REVISED Attachment A: Bid Breakdown & Schedule

Bidder: _____

DASNY Contact: Susan Valente, Purchasing Coordinator: svalente@dasny.org

Services/Product Required By: Delivery of Product and Install to be scheduled as soon as possible based on product lead time.

Description: Furnish, Deliver and Install Cisco Product

Bid Open Location: DASNY, Corporate Headquarters, 515 Broadway, Albany, NY 12207

Bid Open Date and Time: February 17, 2023 at 2:00 p.m.

Item No.	Part No.	Description	QTY	UOM	Unit Price	Extended Price
1	C9300X-48HX-E	Catalyst 9300 48-port mGig UPoE+, Network Essentials	106	EA	\$	\$
2	C9300-NW-E-48	C9300 Network Essentials, 48-port license	106	EA	\$	\$
3	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL	106	EA	\$	\$
4	PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply	106	EA	\$	\$
5	PWR-C1-1100WAC-P/2	1100W AC 80+ platinum Config 1 Secondary Power Supply	106	EA	\$	\$
6	CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	212	EA	\$	\$
7	C9300-SSD-NONE	No SSD Card Selected	106	EA	\$	\$
8	STACK-T1-50CM	50CM Type 1 Stacking Cable	106	EA	\$	\$
9	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM	106	EA	\$	\$
10	C9000-HSEC	U.S. Export Restriction Compliance license for Catalyst 9000	106	EA	\$	\$
11	C9300-DNA-E-48	C9300 DNA Essentials, 48-Port Term Licenses	106	EA	\$	\$
12	C9300-DNA-E-48-3Y	C9300 DNA Essentials, 48-port - 3 Year Term License	106	EA	\$	\$
13	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	106	EA	\$	\$
14	C9300X-NM-BLANK	Catalyst 9300 Network Module Blank Module	106	EA	\$	\$
15	C9300X-NM-NONE	Catalyst 9300 No-Network Module Selection	106	EA	\$	\$
16	C9300X-NM-8Y=	Catalyst 9300 8 x 10G/25G Network Module SFP+/SFP28	78	EA	\$	\$
17	SFP-10/25G-CSR-S=	Dual Rate 10/25GBASE-CSR SFP Module	170	EA	\$	\$
18	STACK-T1-1M=	1M Type 1 Stacking Cable	12	EA	\$	\$
19	CAB-SPWR-150CM=	Catalyst Stack Power Cable 150 CM Spare	12	EA	\$	\$
20	ALC-DNAC-OFFER	Requires Advantage or Premier Subscription Purchase	1	EA	\$	\$
21	DN2-HW-APL-XL-U	DNA Center Appliance (Gen 2)- 112 core for Promos	1	EA	\$	\$
22	DNA-SW-2.2.3	Cisco DNA Center SW 2.2.3	1	EA	\$	\$
23	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	2	EA	\$	\$

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

24	DN2-PCIE-ID10GF	Intel X710-DA2 dual-port 10G SFP+ NIC	1	EA	\$	\$
25	DN2-SD-64G-S	64GB SD Card for UCS Servers	1	EA	\$	\$
26	DN2-TPM2-002	Trusted Platform Module 2.0 for UCS servers	1	EA	\$	\$
27	DN2-SD38T61X-EV	3.8TB 2.5 inch Enterprise Value 6G SATA SSD	2	EA	\$	\$
28	DN2-C480-8HDD	UCS C480 M5 Drive Module for 8x HDD	3	EA	\$	\$
29	DN2-C480-CM	UCS C480 M5 CPU Module w/o CPU, mem	2	EA	\$	\$
30	DN2-MSTOR-SD	Mini Storage Carrier for SD (holds up to 2)	1	EA	\$	\$
31	DN2-PSU1-1600W	Cisco UCS 1600W AC Power Supply for Rack Server	4	EA	\$	\$
32	DN2-RAID-M5HD	Cisco 12G Modular RAID controller with 4GB cache	1	EA	\$	\$
33	DN2-PCIE-IQ10GF	Intel X710 quad-port 10G SFP+ NIC	1	EA	\$	\$
34	DN2-SD19T61X-EV	1.9TB 2.5 inch Enterprise Value 6G SATA SSD	16	EA	\$	\$
35	DN2-SD480G611X-EV	480GB 2.5 inch Enterprise Value 6G SATA SSD	2	EA	\$	\$
36	DN2-MR-X32G2RT-H	32GB DDR4-2933-MHz RDIMM/2Rx4/1.2v	24	EA	\$	\$
37	DN2-CPU-I8276	Intel 8276 2.2GHz/165W 28C/38.50MB DCP DDR4 2933 MHz	4	EA	\$	\$
38	DN2-HW-APL-XL-LIC	Cisco DNAC Appliance License- 112 Core	1	EA	\$	\$
39	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	12	EA	\$	\$
40	C9800-40-K9	Cisco Catalyst 9800-40 Wireless Controller	4	EA	\$	\$
41	LIC-C9800-DTLS-K9	Cisco Catalyst 9800 Series Wireless Controller DTLS License	4	EA	\$	\$
42	SC980040K9-173	Cisco Catalyst 9800-40 Wireless Controller	4	EA	\$	\$
43	C9800-PWR-BLANK	Cisco 9800 Wireless Controller PS Blank	4	EA	\$	\$
44	C9800-AC-750W-R	Cisco Catalyst 9800-40 750W AC Power Supply	4	EA	\$	\$
45	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	4	EA	\$	\$
46	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	4	EA	\$	\$
47	C9800-AC-750W-RED	Cisco Catalyst 9800-40 750W AC Power Supply	4	EA	\$	\$
48	CW9166I-B	Catalyst 9166I AP (W6E, tri-band 4x4, XOR) w/Reg-B	350	EA	\$	\$
49	SW9166-CAPWAP-K9	Capwap software for Catalyst 9166I	350	EA	\$	\$
50	AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed	350	EA	\$	\$
51	AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)	350	EA	\$	\$
52	CDNA-A-C9166	Wireless Cisco DNA On-Prem Advantage, 9166 Tracking	350	EA	\$	\$
53	DNA-A-3Y-C9166	C166I Cisco DNA On-Prem Advantage,3Y Term,Trk Lic	350	EA	\$	\$
54	AIR-DNA-A	Wireless Cisco DNA On-Prem Advantage, Term Lic	350	EA	\$	\$
55	AIR-DNA-A-3Y	Wireless Cisco DNA On-Prem Advantage, 3Y Term Lic	350	EA	\$	\$
56	PI-LFAS-AP-T	Prime AP Term Licenses	350	EA	\$	\$
57	PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	350	EA	\$	\$
58	AIR-DNA-A-T	Wireless Cisco DNA On-Prem Advantage, Term, Tracker Lic	350	EA	\$	\$

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

59	AIR-DNA-A-T-3Y	Wireless Cisco DNA On-Prem Advantage, 3Y Term, Tracker Lic	350	EA	\$	\$
60	AIR-DNA-NWSTACK-A	AIR CISCO DNA Perpetual Network Stack	350	EA	\$	\$
61	D-CISCODNAS-ACT-T	Cisco DNA Spaces Act Term License for Cisco DNA	350	EA	\$	\$
62	D-CISCODNAS-ACT-3Y	Cisco DNA Spaces ACT for Cisco DNA - 3Year	350	EA	\$	\$
63	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	350	EA	\$	\$
64	CW9166I-SINGLE	SINGLE PACK OPTION	350	EA	\$	\$
65	CW9166I-OVER	C9166I OVER OPTION	350	EA	\$	\$
66	N9K-C93180-FX3-B8C	2xNexus 93180YC-FX3 w/ 8x 100G Optics	4	EA	\$	\$
67	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	4	EA	\$	\$
68	NXK-AF-PE	Dummy PID for Airflow Selection Port-side Exhaust	8	EA	\$	\$
69	MODE-NXOS	Dummy PID for mode selection	8	EA	\$	\$
70	N9K-C93180YC-FX3B	Nexus 93180YC-FX3 bundle PID	4	EA	\$	\$
71	NXOS-9.3.9	Nexus 9500, 9300, 3000 Base NX-OS Software Rel 9.3.9	4	EA	\$	\$
72	NXK-MEM-16GB	Additional memory of 16GB for Nexus Switches	4	EA	\$	\$
73	NXK-ACC-KIT-1RU	Nexus 3K/9K Fixed Accessory Kit, 1RU front and rear removal	4	EA	\$	\$
74	NXA-FAN-35CFM-PE	Nexus Fan, 35CFM, port side exhaust airflow	16	EA	\$	\$
75	NXA-PAC-650W-PE	Nexus NEBs AC 650W PSU - Port Side Exhaust	8	EA	\$	\$
76	CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	8	EA	\$	\$
77	NXK-PICK-BIDI	PID to select QSFP-40/100-SRBD Optic in the bundle	4	EA	\$	\$
78	QSFP-40/100-SRBD	100G and 40GBASE SR-BiDi QSFP Transceiver, LC, 100m OM4 MMF	16	EA	\$	\$
79	N9K-C93180YC-FX3B	Nexus 93180YC-FX3 bundle PID	4	EA	\$	\$
80	NXOS-9.3.9	Nexus 9500, 9300, 3000 Base NX-OS Software Rel 9.3.9	4	EA	\$	\$
81	NXK-MEM-16GB	Additional memory of 16GB for Nexus Switches	4	EA	\$	\$
82	NXK-ACC-KIT-1RU	Nexus 3K/9K Fixed Accessory Kit, 1RU front and rear removal	4	EA	\$	\$
83	NXA-FAN-35CFM-PE	Nexus Fan, 35CFM, port side exhaust airflow	16	EA	\$	\$
84	NXA-PAC-650W-PE	Nexus NEBs AC 650W PSU - Port Side Exhaust	8	EA	\$	\$
85	CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	8	EA	\$	\$
86	NXK-PICK-BIDI	PID to select QSFP-40/100-SRBD Optic in the bundle	4	EA	\$	\$
87	QSFP-40/100-SRBD	100G and 40GBASE SR-BiDi QSFP Transceiver, LC, 100m OM4 MMF	16	EA	\$	\$
88	C1A1TN9300XF-3Y	DCN Advantage Term N9300 XF, 3Y	8	EA	\$	\$
89	SVS-B-N9K-ADV-XF	EMBEDDED SOLN SUPPORT SWSS FOR ACI NEXUS 9K	8	EA	\$	\$
90	CON-CXS-XA-SPEC	Cisco Advanced Specialty Engineering Services – 500 hours		LS	\$	\$
91		Union Labor* – Installation at 395 Hudson Street – Certified Cisco Installer		LS	\$	\$
92		Non-Union Labor* – Installation at 205 East 42 nd Street - Certified Cisco Installer		LS	\$	\$

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

93		Non-union Labor* – Installation at 555 West 57 th Street - Certified Cisco Installer	LS	\$	\$
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*Bidder to provide cost breakdown of labor per location, including number of hours and rate per hour.

Total Materials/Equipment/Commodities: \$ _____

Total Installation: \$ _____

TOTAL BID: \$ _____

(The below questions 1) and 2) need only be answered if the above total bid is for one million dollars or more)

1. Does your firm anticipate the use of subcontractors and outside suppliers specific to this procurement
Yes No
2. Does your firm anticipate the creation of employment opportunities arising from this procurement?
Yes No

(The below information must be completed for all bids.)

Identify all subcontractors, if any: _____

STATE, PROVINCE FOR FOREIGN COUNTRY
THAT YOUR FIRM'S PRINCIPAL PLACE OF
BUSINESS IS LOCATED:

ADDRESS OF FACTORY OR PLANT WHERE
ITEMS ARE MANUFACTURED AND/OR
ASSEMBLED. *(Attach additional sheet(s) if more
than one manufacturer)*

_____ BIDDER (FIRM NAME)

_____ SIGNATURE

_____ NAME (TYPE/PRINTED)

_____ TITLE

_____ Date

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

REVISED Attachment B: Detailed Specifications

Bidder must be a certified Cisco reseller/distributor to provide the product and installation services requested in this Bid.

Active union cards are required and will need to be presented to provide delivery and installation services at CUNY's 395 Hudson Street location.

All vendor personnel entering CUNY sites must be fully vaccinated for COVID-19 and be willing to fully comply with CUNY's COVID-19 policy: Visitor Policy – The City University of New York (cuny.edu) This includes be willing to provide proof of vaccination via CUNY's portal:
<https://www.c4wrk.com/3fkvMuVn7UKDC1D3A>

The awarded vendor will be required to provide satisfactory Certificates of Insurance (COIs), Hold harmless and any other required agreements relative to the leased space at the locations referenced below in Attachment C - Scope of Work, Section 2 – Locations in Scope.

Item No.	Part Number	Description	Term (mos)	Qty
Access				
1	C9300X-48HX-E	Catalyst 9300 48-port mGig UPoE+, Network Essentials	---	106
2	C9300-NW-E-48	C9300 Network Essentials, 48-port license	---	106
3	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL	---	106
4	PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply	---	106
5	PWR-C1-1100WAC-P/2	1100W AC 80+ platinum Config 1 Secondary Power Supply	---	106
6	CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	---	212
7	C9300-SSD-NONE	No SSD Card Selected	---	106
8	STACK-T1-50CM	50CM Type 1 Stacking Cable	---	106
9	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM	---	106
10	C9000-HSEC	U.S. Export Restriction Compliance license for Catalyst 9000	---	106
11	C9300-DNA-E-48	C9300 DNA Essentials, 48-Port Term Licenses	---	106
12	C9300-DNA-E-48-3Y	C9300 DNA Essentials, 48-port - 3 Year Term License	36	106
13	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	---	106
14	C9300X-NM-BLANK	Catalyst 9300 Network Module Blank Module	---	106
15	C9300X-NM-NONE	Catalyst 9300 No-Network Module Selection	---	106
16	C9300X-NM-8Y=	Catalyst 9300 8 x 10G/25G Network Module SFP+/SFP28	---	78
17	SFP-10/25G-CSR-S=	Dual Rate 10/25GBASE-CSR SFP Module	---	170
18	STACK-T1-1M=	1M Type 1 Stacking Cable	---	12
19	CAB-SPWR-150CM=	Catalyst Stack Power Cable 150 CM Spare	---	12
20	ALC-DNAC-OFFER	Requires Advantage or Premier Subscription Purchase	---	1
21	DN2-HW-APL-XL-U	DNA Center Appliance (Gen 2)- 112 core for Promos	---	1
22	DNA-SW-2.2.3	Cisco DNA Center SW 2.2.3	---	1
23	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	---	2
24	DN2-PCIE-ID10GF	Intel X710-DA2 dual-port 10G SFP+ NIC	---	1

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

25	DN2-SD-64G-S	64GB SD Card for UCS Servers	---	1
26	DN2-TPM2-002	Trusted Platform Module 2.0 for UCS servers	---	1
27	DN2-SD38T61X-EV	3.8TB 2.5 inch Enterprise Value 6G SATA SSD	---	2
28	DN2-C480-8HDD	UCS C480 M5 Drive Module for 8x HDD	---	3
29	DN2-C480-CM	UCS C480 M5 CPU Module w/o CPU, mem	---	2
30	DN2-MSTOR-SD	Mini Storage Carrier for SD (holds up to 2)	---	1
31	DN2-PSU1-1600W	Cisco UCS 1600W AC Power Supply for Rack Server	---	4
32	DN2-RAID-M5HD	Cisco 12G Modular RAID controller with 4GB cache	---	1
33	DN2-PCIE-IQ10GF	Intel X710 quad-port 10G SFP+ NIC	---	1
34	DN2-SD19T61X-EV	1.9TB 2.5 inch Enterprise Value 6G SATA SSD	---	16
35	DN2-SD480G611X-EV	480GB 2.5 inch Enterprise Value 6G SATA SSD	---	2
36	DN2-MR-X32G2RT-H	32GB DDR4-2933-MHz RDIMM/2Rx4/1.2v	---	24
37	DN2-CPU-I8276	Intel 8276 2.2GHz/165W 28C/38.50MB DCP DDR4 2933 MHz	---	4
38	DN2-HW-APL-XL-LIC	Cisco DNAC Appliance License- 112 Core	---	1
39	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	---	12
WLAN				
40	C9800-40-K9	Cisco Catalyst 9800-40 Wireless Controller	---	4
41	LIC-C9800-DTLS-K9	Cisco Catalyst 9800 Series Wireless Controller DTLS License	---	4
42	SC980040K9-173	Cisco Catalyst 9800-40 Wireless Controller	---	4
43	C9800-PWR-BLANK	Cisco 9800 Wireless Controller PS Blank	---	4
44	C9800-AC-750W-R	Cisco Catalyst 9800-40 750W AC Power Supply	---	4
45	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	---	4
46	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	---	4
47	C9800-AC-750W-RED	Cisco Catalyst 9800-40 750W AC Power Supply	---	4
48	CW9166I-B	Catalyst 9166I AP (W6E, tri-band 4x4, XOR) w/Reg-B	---	350
49	SW9166-CAPWAP-K9	Capwap software for Catalyst 9166I	---	350
50	AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed	---	350
51	AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)	---	350
52	CDNA-A-C9166	Wireless Cisco DNA On-Prem Advantage, 9166 Tracking	---	350
53	DNA-A-3Y-C9166	C166I Cisco DNA On-Prem Advantage,3Y Term,Trk Lic	36	350
54	AIR-DNA-A	Wireless Cisco DNA On-Prem Advantage, Term Lic	---	350
55	AIR-DNA-A-3Y	Wireless Cisco DNA On-Prem Advantage, 3Y Term Lic	36	350
56	PI-LFAS-AP-T	Prime AP Term Licenses	---	350
57	PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	36	350
58	AIR-DNA-A-T	Wireless Cisco DNA On-Prem Advantage, Term, Tracker Lic	---	350
59	AIR-DNA-A-T-3Y	Wireless Cisco DNA On-Prem Advantage, 3Y Term, Tracker Lic	36	350
60	AIR-DNA-NWSTACK-A	AIR CISCO DNA Perpetual Network Stack	---	350
61	D-CISCODNAS-ACT-T	Cisco DNA Spaces Act Term License for Cisco DNA	---	350
62	D-CISCODNAS-ACT-3Y	Cisco DNA Spaces ACT for Cisco DNA - 3Year	36	350
63	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	---	350
64	CW9166I-SINGLE	SINGLE PACK OPTION	---	350

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65	CW9166I-OVER	C9166I OVER OPTION	---	350
66	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	---	4
Distribution				
67	N9K-C93180-FX3-B8C	2xNexus 93180YC-FX3 w/ 8x 100G Optics	---	4
68	NXK-AF-PE	Dummy PID for Airflow Selection Port-side Exhaust	---	8
69	MODE-NXOS	Dummy PID for mode selection	---	8
70	N9K-C93180YC-FX3B	Nexus 93180YC-FX3 bundle PID	---	4
71	NXOS-9.3.9	Nexus 9500, 9300, 3000 Base NX-OS Software Rel 9.3.9	---	4
72	NXK-MEM-16GB	Additional memory of 16GB for Nexus Switches	---	4
73	NXK-ACC-KIT-1RU	Nexus 3K/9K Fixed Accessory Kit, 1RU front and rear removal	---	4
74	NXA-FAN-35CFM-PE	Nexus Fan, 35CFM, port side exhaust airflow	---	16
75	NXA-PAC-650W-PE	Nexus NEBs AC 650W PSU - Port Side Exhaust	---	8
76	CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	---	8
77	NXK-PICK-BIDI	PID to select QSFP-40/100-SRBD Optic in the bundle	---	4
78	QSFP-40/100-SRBD	100G and 40GBASE SR-BiDi QSFP Transceiver, LC, 100m OM4 MMF	---	16
79	N9K-C93180YC-FX3B	Nexus 93180YC-FX3 bundle PID	---	4
80	NXOS-9.3.9	Nexus 9500, 9300, 3000 Base NX-OS Software Rel 9.3.9	---	4
81	NXK-MEM-16GB	Additional memory of 16GB for Nexus Switches	---	4
82	NXK-ACC-KIT-1RU	Nexus 3K/9K Fixed Accessory Kit, 1RU front and rear removal	---	4
83	NXA-FAN-35CFM-PE	Nexus Fan, 35CFM, port side exhaust airflow	---	16
84	NXA-PAC-650W-PE	Nexus NEBs AC 650W PSU - Port Side Exhaust	---	8
85	CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	---	8
86	NXK-PICK-BIDI	PID to select QSFP-40/100-SRBD Optic in the bundle	---	4
87	QSFP-40/100-SRBD	100G and 40GBASE SR-BiDi QSFP Transceiver, LC, 100m OM4 MMF	---	16
88	C1A1TN9300XF-3Y	DCN Advantage Term N9300 XF, 3Y	36	8
89	SVS-B-N9K-ADV-XF	EMBEDDED SOLN SUPPORT SWSS FOR ACI NEXUS 9K	36	8
Implementation/Installation Services				
90	CON-CXS-XA-SPEC	Cisco Advanced Specialty Engineering Services – 500 hours	---	
91		Installation Services at 395 Hudson Street - Union Labor Rates	---	
92		Installation Services at 205 East 42 nd Street – Non-Union Labor Rates	---	
93		Installation Services at 555 West 57 th Street – Non-Union Labor Rates		

BIDDING REQUIREMENTS for PURCHASING

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REVISED Attachment C: Scope of Work and Site Logistics

SCOPE OF WORK:

1) Background

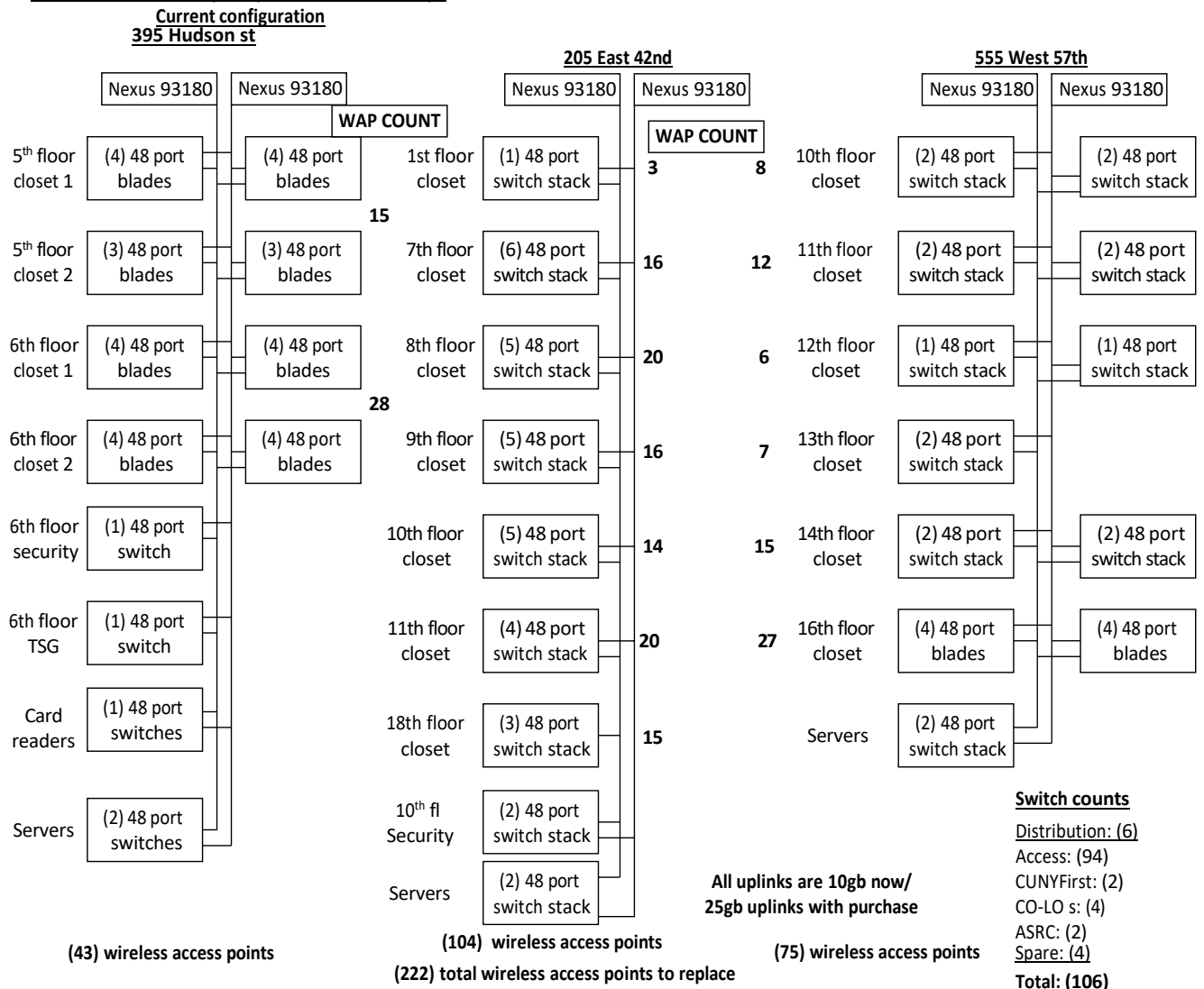
DASNY is seeking bids on behalf of its client, the City University of New York (CUNY), for a vendor who is a certified reseller/distributor of Cisco product to assist with the refresh of its wired and wireless LAN as outlined below.

The awarded vendor will furnish the Cisco equipment included in the Detailed Specifications and install the equipment for the three (3) CUNY locations referenced below.

2) Locations in Scope

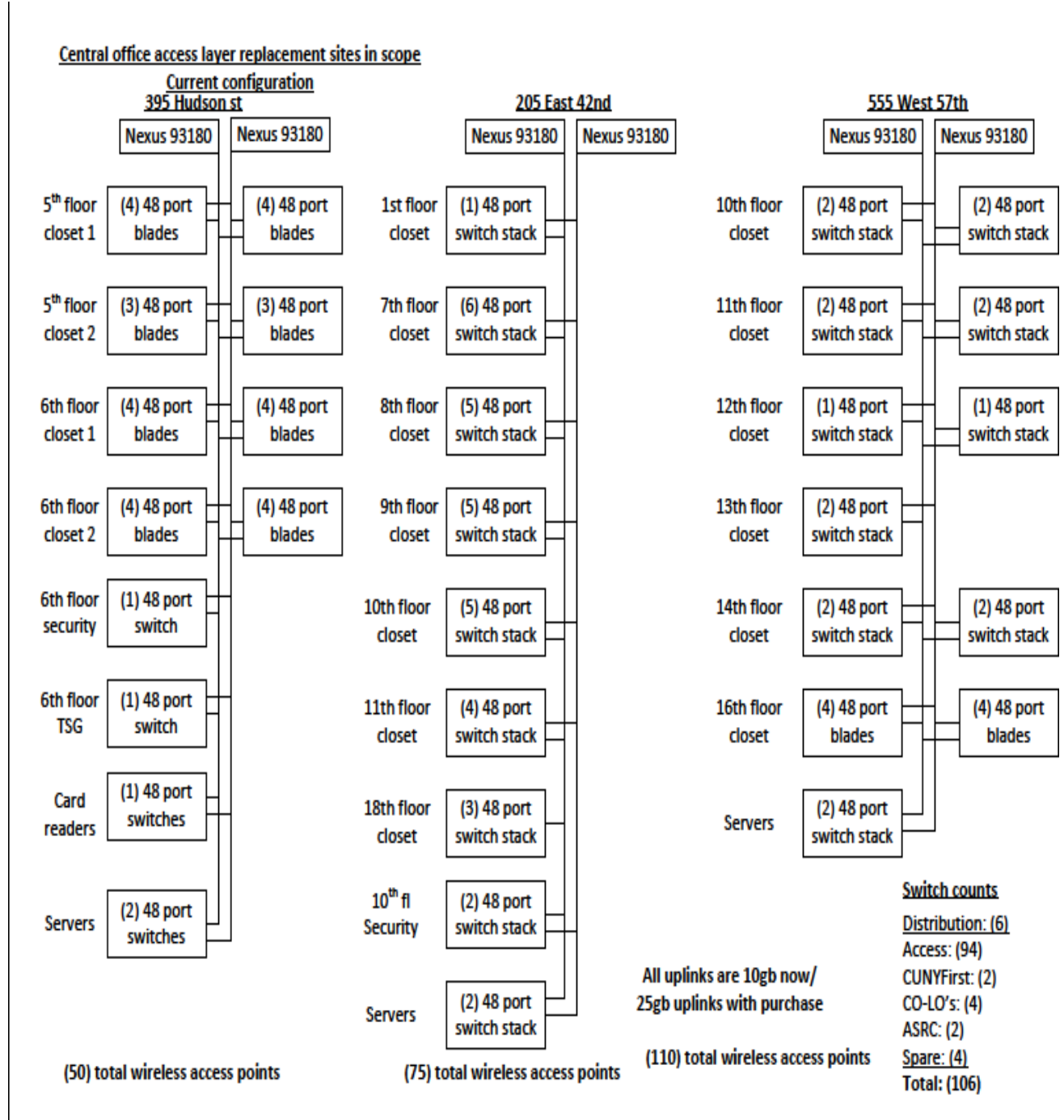
Current configuration:

Central office access layer replacement sites in scope



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3) Planned Configuration



BIDDING REQUIREMENTS for PURCHASING

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4) **In Scope**

Wired LAN

For all sites, the awarded vendor will be required to:

- a. Via a schedule agreed upon by CUNY and over multiple weeks:
 - i. Securely and safely transport all new equipment shown in Section 3 from 395 Hudson Street to the respective sites above.
 - ii. Remove from the switch side and neatly bundle all patch cords currently plugged into the access switches shown in Section 2.
 - iii. Un-rack the existing access switches shown in Section 2.
 - iv. Rack all the new switches shown in Section 3 in coordination with CUNY.
 - v. In addition to racking the new switches shown in Section 3 the awarded vendor will also be required to rack two (2) Cisco Nexus 93180 switches per location shown in Section 2.
 - vi. Reinstall all patch cords previously removed, above.
 - vii. Replace any defective patch cords.
 - viii. Transport all removed switches from each site shown in Section 2 to the 5th floor storage room at 395 Hudson Street.

Wireless LAN

For all sites, the awarded vendor will be required to:

- a. Inventory and label all existing wireless access points.
- b. Via a schedule agreed upon by CUNY and the awarded vendor:
 - i. Securely and safely transport all wireless access points (WAPs) in the quantities shown in Section 3 above from 395 Hudson Street to the respective sites above.
 - ii. Remove the existing ceiling mounted WAPs including the attached patch cord:
 - a. Some WAPs are mounted using dropped ceiling clips; and
 - b. Some WAPs are mounted via other means including being physically screwed in.
 - iii. Remount the new WAPs including installing the patch cord.
 - iv. Replace any defective patch cords.
 - v. Transport all removed WAPs shown in Section 2 to the 5th floor storage room at 395 Hudson Street.
- c. Following like-for-like replacement of WAPs, on a date/time to be coordinated vendor is to conduct a site survey of each floor and work with CUNY to recommend and relocate WAPs for optimal locations

Logical configuration

Standing up/configuring Cisco's DNA center for the wired and wireless LAN management and providing basic usage training to five (5) CUNY CIS staff members.

Out-of-scope – All of these items will be supplied by CUNY:

- Supplying network equipment. All switches and WAPs will be supplied by CUNY.
- Supplying mounting hardware. All switch and WAP mounting hardware will be supplied by CUNY.
- All technical wired & wireless switch and wireless configurations will be the responsibility of (CUNY) personnel.

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

SITE LOGISTICS:

395 Hudson Street:

Delivery contact: James Barnett, james.barnett@cuny.edu

Loading dock/lift gate: There is a loading dock, but as this will be a curb delivery the delivery truck will need a lift gate.

Delivery time: Between 7:00 a.m. and 8:00 a.m.

Union cards: Active union cards are required for delivery and installation.

555 West 57th Street – 16th Floor:

Delivery contact: Mr. Linton Davis, linton.davis@cuny.edu

Elevators: Elevators are available for up to two trips per day. If needed, the elevator may be scheduled during off-hours.

Loading dock/lift gate: There is a loading dock. A lift gate would be helpful, but not necessary.

Delivery time: Between 9:00 a.m. and 4:00 p.m. if elevator is needed for only two trips. Otherwise, delivery will need to be made before 9:00 a.m. or after 5:00 p.m.

Union cards: Not required at this location.

205 East 42nd Street – 10th Floor

Delivery contact: Mr. Freddie Mathis, Freddie.mathis@cuny.edu

Elevators: Elevators are available for up to two trips per day. If needed, the elevator may be scheduled during off-hours.

Loading dock/lift gate: No loading dock. There is street parking on 43rd Street and sidewalk access to their loading area.

Delivery time: Between 9:00 a.m. and 4:00 p.m. if elevator is needed for only two trips. Otherwise, delivery will need to be made before 9:00 a.m. or after 5:00 p.m.

Union cards: Not required at this location.