22.1 - CLOUD CPE COST WORKBOOK

Bidder's Name: Special Order Systems, Inc.

Manufacturer/Model: Axon Enterprise Inc. (Formerly Carbyne 911) - Dell Technologies, Inc. Tripplite by Eaton, Fortinet Inc., American Power Conversion Corporation (APC by Schneider Electric), Cables to Go (CTG), Cyber Accoustics LLC, Genovation, Inc., HP/Poly, Adder Corporation, AudioCodes Ltd., ASUSTeK Computer Inc., Digi International Inc., Axiom Memory Solutions, Inc., Guangzhou Dtech Electronics Technology Co., Ltd, HP Inc.

(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line Item #	**Item Description**	**Quantity**	**Equipment Price**	**Implementation Price**	**Monthly Maintenance Rate**	**5 Year Cost c*[d+e+(f*60)]**
22.1.1	System - 2 Positions	1	$ 54,734.50	$ 21,080.00	$ 3,446.00	$ 282,574.50
22.1.2	System - 3 Positions	1	$ 63,529.25	$ 21,300.00	$ 4,366.00	$ 346,789.25
22.1.3	System - 4 Positions	1	$ 72,324.00	$ 21,520.00	$ 5,246.00	$ 408,604.00
22.1.4	System - 5 Positions	1	$ 81,118.75	$ 21,740.00	$ 6,156.00	$ 472,218.75
22.1.5	System - 6 Positions	1	$ 89,913.50	$ 21,960.00	$ 7,126.00	$ 539,433.50
22.1.6	System - 7 Positions	1	$ 98,708.25	$ 22,180.00	$ 8,106.00	$ 607,248.25
22.1.7	System - 8 Positions	1	$ 107,503.00	$ 22,400.00	$ 9,126.00	$ 677,463.00
22.1.8	System - 9 Positions	1	$ 116,297.75	$ 22,620.00	$ 10,126.00	$ 746,477.75
22.1.9	System - 10 Positions	1	$ 125,092.50	$ 22,840.00	$ 11,084.00	$ 812,972.50
22.1.10	System - 11 Positions	1	$ 133,887.25	$ 23,060.00	$ 12,042.00	$ 879,467.25
22.1.11	System - 12 Positions	1	$ 142,682.00	$ 23,280.00	$ 12,980.00	$ 944,762.00
22.1.12	System - 13 Positions	1	$ 151,476.75	$ 23,500.00	$ 14,028.00	$ 1,016,656.75
22.1.13	System - 14 Positions	1	$ 160,271.50	$ 23,720.00	$ 15,076.00	$ 1,088,551.50
22.1.14	System - 15 Positions	1	$ 169,066.25	$ 23,940.00	$ 16,124.00	$ 1,160,446.25
22.1.15	System - 16 Positions	1	$ 177,861.00	$ 24,160.00	$ 16,996.00	$ 1,221,781.00
22.1.16	System - 17 Positions	1	$ 186,655.75	$ 24,380.00	$ 17,875.75	$ 1,283,580.75
22.1.17	System - 18 Positions	1	$ 195,450.50	$ 24,600.00	$ 18,903.50	$ 1,354,260.50
22.1.18	System - 19 Positions	1	$ 204,245.25	$ 24,820.00	$ 19,755.50	$ 1,414,395.25
22.1.19	System - 20 Positions	1	$ 213,040.00	$ 25,040.00	$ 20,774.00	$ 1,484,520.00
22.1.20	At the time of installation, the cost of an additional position for a call handling system over 20 positions including all cabling within the PSAP.	1	$ 8,616.00	$ 220.00	$ 850.25	$ 59,851.00
22.1.21	After installation, the cost of an additional position for a call handling system, including all hardware, software, training, cabling, and any additional materials necessary for install.	1	$ 8,616.00	$ 720.00	$ 843.50	$ 59,946.00
	Subtotals:		**$ 2,561,089.75**	**$ 439,080.00**	**$ 231,030.50**	**$ 16,861,999.75**
	Total NRC (d+e):					**$ 3,000,169.75**
	Total MRC (f):					**$ 231,030.50**
	Total 5 Year Cost:					**$ 16,861,999.75**

22.2 - CLOUD CPE ITEMIZED COST WORKBOOK

Bidder's Name: Special Order Systems, Inc.

Manufacturer/Model: AudioCodes Ltd., Fortinet Inc., Cisco Systems Inc., Tripplite by Eaton (chassis), Startech.com Ltd, Axiom Memory Solutions, Inc.,

(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line Item #	**Item Description**	**Quantity**	**Equipment Price**	**Implementation Price**	**Monthly Maintenance Rate**	**5 Year Cost c*[d+e+(f*60)]**
22.2.1	CAMA Gateway	1	$ 3,400.00	$ 740.00	$ 75.00	$ 8,640.00
22.2.2	Chassis to mount hardware with all required interconnect cabling.	1	$ 2,700.00	$ 1,400.00	$ 15.00	$ 5,000.00
22.2.3	Firewall with all required cabling	1	$ 3,900.00	$ 740.00	$ 75.00	$ 9,140.00
22.2.4	Router with all required cabling	1	$ 6,400.00	$ 740.00	$ 75.00	$ 11,640.00
	Subtotals:		**$ 16,400.00**	**$ 3,620.00**	**$ 240.00**	**$ 34,420.00**
	Total NRC (d+e):					**$ 20,020.00**
	Total MRC (f):					**$ 240.00**
	Total 5 Year Cost:					**$ 34,420.00**

*Items on this tab (22.2 Itemized) are only to be used and ordered upon initiation by the 9-1-1 Branch. All initial deployment equipment is included in the base price.

22.3 - CLOUD CPE APPLICATIONS AND PERPHERIALS COST WORKBOOK

Bidder's Name: Special Order Systems, Inc.

Manufacturer/Model: Nice Ltd (Digital Recorder), Special Order Systems, Inc. (API Development), Axon Enterprise Inc. (AI Translation), Samsung (Display), HP/Poly (IP Phones)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Line Item #	**Item Description**	**Quantity**	**Equipment Price**	**Implementation Price**	**Monthly Maintenance Rate**	**5 Year Cost c*[d+e+(f*60)]**	**Vendor to Provide (Y/N)**
22.3.1	Geographical Information System (GIS) Mapping System functionality including all required server hardware and software, including licenses as needed, in the PSAP backroom and workstations. (Per position)	1	$0.00	$ 17,397.60	$ 247.20	$ 32,229.60	Y
22.3.2	Digital Voice Logging Recorder (DVLR) with maximum of 64 analog or digital channels including all required hardware, software, including a license as needed, training, cabling and any additional materials for install. (Per PSAP)	1	$ 39,300.00	$ 16,700.00	$ 400.00	$ 80,000.00	Y
22.3.3	Digital Voice Logging Recorder (DVLR) with minimum of 65 analog or digital channels including all required hardware, software, including a license as needed, training, cabling and any additional materials for install. (Per PSAP)	1	$ 60,037.00	$ 24,963.00	$ 750.00	$ 130,000.00	Y
22.3.4	External Time Source (Net clock) (Per PSAP)	1	$6,500.00	$1,500.00	$50.00	$ 11,000.00	Y
22.3.5	Real-Time Call Status System and Display (Per display)	1	$ 3,500.00	$ -	$ 50.00	$ 6,500.00	Y
22.3.6	IP Phone Set (Per phone)	1	$ 600.00	$ -	$ -	$ 600.00	Y
22.3.7	Automatic Call Distribution (ACD) Site Activation functionality including all required server hardware and software, including licenses as needed, in the PSAP backroom and workstation. (Per PSAP)	1	$0.00	$0.00	$0.00	$ -	Y
22.3.8	Automated Abandoned Callback (AAC) functionality (Per PSAP)	1	$0.00	$0.00	$0.00	$ -	Y
22.3.9	AI based Translation and Transcription services for voice traffic (Per PSAP equipment and implementation, per call monthly)	10000	$ -	$ 6,000.00	$ 0.07	$ 48,000.00	Y
22.3.10	Geographical based call screening/triage (Per PSAP)	1	$ -	$ -	$ 260.00	$ 15,600.00	Y
22.3.11	AI non-emergency call answering (Per PSAP equipment and implementation, per call monthly)	10000	$ -	$ 6,000.00	$ 0.15	$ 96,000.00	Y
22.3.12	Push/Pull Multimedia for voice, video, or location (outside of natively delivered media) (Per PSAP)	1	$ -	$ 4,800.00	$ -	$ 4,800.00	Y
22.3.13	Management Information System (MIS) functionality including all required server hardware and software, including licenses as needed, in the PSAP backroom and workstations. (Per PSAP)	1	$0.00	$0.00	$0.00	$ -	N
22.3.14	One time 1-3 month API development outside of NENA i3 and SOW requirements	1		$ 15,000.00		$ 15,000.00	Mandatory
22.3.15	One time 3-6 month API development outside of NENA i3 and SOW requirements	1		$ 30,000.00		$ 30,000.00	Mandatory
22.3.16	One time 6-9 month API development outside of NENA i3 and SOW requirements	1		$ 55,000.00		$ 55,000.00	Mandatory
~~22.3.17~~	~~New technology integration (MRC per position per month)(removed)~~					$ -	
	Subtotals:		**$ 109,937.00**	**$ 177,360.60**	**$ 1,757.42**	**$ 524,729.60**	
	Total NRC (d+e):					**$ 287,297.60**	
	Total MRC (f):					**$ 1,757.42**	
	Total 5 Year Cost:					**$ 524,729.60**	

22.4 - CLOUD CPE CONNECTIVITY COST WORKBOOK

Bidder's Name: Special Order Systems, Inc.

Manufacturer/Model: Special Order Systems, Inc. (Local Broadband Carrier), Cisco Systems, Inc. (Routers)

(a)	(b)	(c)	(d)	(e)
Line Item #	**Item Description**	**Quantity**	**Monthly Price**	**5 Year Cost d*60**
22.4.1	Connectivity for 2 Positions	1	$ 875.42	$ 52,525.20
22.4.2	Connectivity for 3 Positions	1	$ 899.32	$ 53,959.20
22.4.3	Connectivity for 4 Positions	1	$ 899.32	$ 53,959.20
22.4.4	Connectivity for 5 Positions	1	$ 1,005.97	$ 60,358.20
22.4.5	Connectivity for 6 Positions	1	$ 1,005.97	$ 60,358.20
22.4.6	Connectivity for 7 Positions	1	$ 1,005.97	$ 60,358.20
22.4.7	Connectivity for 8 Positions	1	$ 1,005.97	$ 60,358.20
22.4.8	Connectivity for 9 Positions	1	$ 1,005.97	$ 60,358.20
22.4.9	Connectivity for 10 Positions	1	$ 1,005.97	$ 60,358.20
22.4.10	Connectivity for 11 Positions	1	$ 1,137.12	$ 68,227.20
22.4.11	Connectivity for 12 Positions	1	$ 1,137.12	$ 68,227.20
22.4.12	Connectivity for 13 Positions	1	$ 1,137.12	$ 68,227.20
22.4.13	Connectivity for 14 Positions	1	$ 1,137.12	$ 68,227.20
22.4.14	Connectivity for 15 Positions	1	$ 1,137.12	$ 68,227.20
22.4.15	Connectivity for 16 Positions	1	$ 1,137.12	$ 68,227.20
22.4.16	Connectivity for 17 Positions	1	$ 1,137.12	$ 68,227.20
22.4.17	Connectivity for 18 Positions	1	$ 1,137.12	$ 68,227.20
22.4.18	Connectivity for 19 Positions	1	$ 1,137.12	$ 68,227.20
22.4.19	Connectivity for 20 Positions	1	$ 1,137.12	$ 68,227.20
22.4.20	Connectivity per position for every position over 20	1	$ 125.00	$ 7,500.00
	Total MRC (d):		**$ 20,206.08**	
	Total 5 Year Cost:			**$ 1,212,364.80**

22.5 - CLOUD CPE LABOR RATES COST WORKBOOK

Bidder's Name: Special Order Systems, Inc.

Manufacturer/Model: Special Order Systems, Inc.

(a)	(b)	(c)	(d)	(e)
Line Item #	**Item Description**	**Quantity**	**Hourly Rate**	**5 Year Cost c*d*5**
22.5.1	Technician	1	$ 175.00	$ 1,400.00
22.5.2	System Engineer	1	$ 220.00	$ 1,760.00
22.5.3	Project Manager	1	$ 175.00	$ 1,400.00
	Total 5 Year Cost:			**$ 4,560.00**

*Items on this tab (22.5 Labor Rates) are only to be used and ordered upon initiation by the 9-1-1 Branch. All labor for install, configuration, maintenance, and i3 upgrade is to be included in the base price.