22.6 - ON PREM CPE BASIC STAND-ALONE SYSTEM COST WORKBOOK

Bidder's Name: CentralSquare Technologies, LLC

Manufacturer/Model: Vertex NG911 Call Handling - On-Premises

(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)]**
22.6.1	System - 2 Positions	1	$ -	$ 76,023.50	$ 2,500.94	$ 226,080.06
22.6.2	System - 3 Positions	1	$ -	$ 77,252.00	$ 3,074.53	$ 261,723.56
22.6.3	System - 4 Positions	1	$ -	$ 78,480.50	$ 3,724.19	$ 301,931.88
22.6.4	System - 5 Positions	1	$ -	$ 79,709.00	$ 4,271.03	$ 335,970.94
22.6.5	System - 6 Positions	1	$ -	$ 80,937.50	$ 5,025.15	$ 382,446.48
22.6.6	System - 7 Positions	1	$ -	$ 82,166.00	$ 5,851.37	$ 433,248.30
22.6.7	System - 8 Positions	1	$ -	$ 83,394.50	$ 6,563.92	$ 477,229.65
22.6.8	System - 9 Positions	1	$ -	$ 84,623.00	$ 7,018.30	$ 505,721.00
22.6.9	System - 10 Positions	1	$ -	$ 85,851.50	$ 7,472.68	$ 534,212.35
22.6.10	System - 11 Positions	1	$ -	$ 87,080.00	$ 7,927.06	$ 562,703.70
22.6.11	System - 12 Positions	1	$ -	$ 88,308.50	$ 8,381.44	$ 591,195.05
22.6.12	System - 13 Positions	1	$ -	$ 89,537.00	$ 8,835.82	$ 619,686.40
22.6.13	System - 14 Positions	1	$ -	$ 90,765.50	$ 9,290.20	$ 648,177.75
22.6.14	System - 15 Positions	1	$ -	$ 91,994.00	$ 9,744.59	$ 676,669.10
22.6.15	System - 16 Positions	1	$ -	$ 93,222.50	$ 10,198.97	$ 705,160.45
22.6.16	System - 17 Positions	1	$ -	$ 94,451.00	$ 10,653.35	$ 733,651.80
22.6.17	System - 18 Positions	1	$ -	$ 95,679.50	$ 11,107.73	$ 762,143.15
22.6.18	System - 19 Positions	1	$ -	$ 96,908.00	$ 11,562.11	$ 790,634.50
22.6.19	System - 20 Positions	1	$ -	$ 98,136.50	$ 12,016.49	$ 819,125.85
22.6.20	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	$ -	$ 1,491.75	$ 437.27	$ 27,727.90
22.6.21	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	$ -	$ 3,129.75	$ 437.27	$ 29,365.90
	Subtotals:		**$ -**	**$ 1,659,141.50**	**$ 146,094.40**	**$ 10,424,805.77**
	Total NRC (d+e):					**$ 1,659,141.50**
	Total MRC (f):					**$ 146,094.40**
	Total 5 Year Cost:					**$ 10,424,805.77**

22.7 - ON PREM CPE HOST-REMOTE SYSTEM COST WORKBOOK

Bidder's Name: CentralSquare Technologies, LLC
Manufacturer/Model: Vertex NG911 Call Handling - On-Premises

(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)
22.7.1	Side A and B of a Host-Remote System, including all backroom equipment	1	$ -	$ 107,387.25	$ 3,492.49	$ 316,936.60	Y
22.7.2	Remote PSAP with 1 position including all connectivity within the PSAP	1	$ -	$ 20,014.75	$ 1,322.02	$ 99,335.95	Y
22.7.3	Remote PSAP with 2 positions including all connectivity within the PSAP	1	$ -	$ 21,506.50	$ 1,710.93	$ 124,162.35	Y
22.7.4	Remote PSAP with 3 positions including all connectivity within the PSAP	1	$ -	$ 22,998.25	$ 2,099.84	$ 148,988.75	Y
22.7.5	Remote PSAP with 4 positions including all connectivity within the PSAP	1	$ -	$ 24,490.00	$ 2,488.75	$ 173,815.15	Y
22.7.6	Remote PSAP with 5 positions including all connectivity within the PSAP	1	$ -	$ 25,981.75	$ 2,808.15	$ 194,470.80	Y
22.7.7	Remote PSAP with 6 positions including all connectivity within the PSAP	1	$ -	$ 27,473.50	$ 3,183.16	$ 218,463.05	Y
22.7.8	Remote PSAP with 7 positions including all connectivity within the PSAP	1	$ -	$ 28,965.25	$ 3,558.17	$ 242,455.30	Y
22.7.9	Remote PSAP with 8 positions including all connectivity within the PSAP	1	$ -	$ 30,457.00	$ 3,933.18	$ 266,447.55	Y
22.7.10	Remote PSAP with 9 positions including all connectivity within the PSAP	1	$ -	$ 31,948.75	$ 4,308.18	$ 290,439.80	Y
22.7.11	Remote PSAP with 10 positions including all connectivity within the PSAP	1	$ -	$ 33,440.50	$ 4,683.19	$ 314,432.05	Y
22.7.12	Remote PSAP with 11 positions including all connectivity within the PSAP	1	$ -	$ 34,932.25	$ 5,058.20	$ 338,424.30	Y
22.7.13	Remote PSAP with 12 positions including all connectivity within the PSAP	1	$ -	$ 36,424.00	$ 5,433.21	$ 362,416.55	Y
22.7.14	Remote PSAP with 13 positions including all connectivity within the PSAP	1	$ -	$ 37,915.75	$ 5,808.22	$ 386,408.80	Y
22.7.15	Remote PSAP with 14 positions including all connectivity within the PSAP	1	$ -	$ 39,407.50	$ 6,183.23	$ 410,401.05	Y
22.7.16	Remote PSAP with 15 positions including all connectivity within the PSAP	1	$ -	$ 40,899.25	$ 6,558.23	$ 434,393.30	Y
22.7.17	Remote PSAP with 16 positions including all connectivity within the PSAP	1	$ -	$ 42,391.00	$ 6,933.24	$ 458,385.55	Y
22.7.18	Remote PSAP with 17 positions including all connectivity within the PSAP	1	$ -	$ 43,882.75	$ 7,308.25	$ 482,377.80	Y
22.7.19	Remote PSAP with 18 positions including all connectivity within the PSAP	1	$ -	$ 45,374.50	$ 7,683.26	$ 506,370.05	Y
22.7.20	Remote PSAP with 19 positions including all connectivity within the PSAP	1	$ -	$ 46,866.25	$ 8,058.27	$ 530,362.30	Y
22.7.21	Remote PSAP with 20 positions including all connectivity within the PSAP	1	$ -	$ 48,358.00	$ 8,433.28	$ 554,354.55	Y
22.7.22	At the time of installation, the cost to add an additional position for a Remote PSAP over 20 positions in a Host- Remote system, including all connectivity within the PSAP, priced as each.	1	$ -	$ 1,491.75	$ 617.24	$ 38,526.40	Y
22.7.23	After initial installation, the cost to add an additional position to a Remote PSAP within a Host-Remote system, including all hardware, software, training, cabling, and any additional materials necessary for install, priced as each.	1	$ -	$ 3,480.75	$ 617.24	$ 40,515.40	Y
	Subtotals:		**$ -**	**$ 796,087.25**	**$ 102,279.94**	**$ 6,932,883.40**	
	Total NRC (d+e):					**$ 796,087.25**	
	Total MRC (f):					**$ 102,279.94**	
	Total 5 Year Cost:					**$ 6,932,883.40**	

22.8 - ON PREM CPE ITEMIZED COST WORKBOOK

Bidder's Name: CentralSquare Technologies, LLC

Manufacturer/Model: Vertex NG911 Call Handling - On-Premises

(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)]**
22.8.1	Legacy Network Interface card with a minimum of 4 ports to accommodate CAMA or 10-digit.	1	$ -	$ 1,560.00	$ 53.97	$ 4,798.20
22.8.2	Chassis to mount hardware with all required interconnect cabling.	1	$ -	$ -	$ 19.05	$ 1,143.00
22.8.3	Firewall with all required cabling.	1	$ -	$ 2,340.00	$ 14.35	$ 3,201.00
22.8.4	Router with all required cabling.	1	$ -	$ 2,340.00	$ 14.35	$ 3,201.00
22.8.5	Gateway with required cabling.	1	$ -	$ 2,340.00	$ 20.77	$ 3,586.20
	Subtotals:		**$ -**	**$ 8,580.00**	**$ 122.49**	**$ 15,929.40**
	Total NRC (d+e):					**$ 8,580.00**
	Total MRC (f):					**$ 122.49**
	Total 5 Year Cost:					**$ 15,929.40**

*Items on this tab (22.8 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.

22.9 - ON PREM CPE OPTIONAL APPLICATIONS AND PERPHERIALS COST WORKBOOK

Bidder's Name: CentralSquare Technologies, LLC

Manufacturer/Model: Vertex NG911 Call Handling - On-Premises

(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)**
22.9.1	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	$ -	$ -	$ -	$ -	N
22.9.2	Digital Voice Logging Recorder (DVLR) with a 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	$ -	$ -	$ -	$ -	N
22.9.3	Digital Voice Logging Recorder (DVLR) with a 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	$ -	$ -	$ -	$ -	N
22.9.4	External Time Source (Net clock) (Per PSAP)	1	$ -	$ 1,950.00	$ 42.28	$ 4,486.80	Y
22.9.5	Real-Time Call Status System and Display (Per display)	1	$ -	$ 3,120.00	$ 220.48	$ 16,348.80	Y
22.9.6	IP Phone Set (Per phone)	1	$ -	$ 1,560.00	$ 107.83	$ 8,029.80	Y
22.9.7	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	$ -	$ 3,900.00	$ 260.00	$ 19,500.00	Y
22.9.8	Automated Abandoned Callback (AAC) functionality (Per PSAP)	1	$ -	$ -	$ -	$ -	Y
22.9.9	AI based Translation and Transcription services for voice traffic (Per PSAP equipment and implementation, per call monthly)	10000	$ -	$ 1,950.00	$ 0.10	$ 61,950.00	Y
22.9.10	Geographical based call screening/triage (Per PSAP)	1	$ -	$ -	$ -	$ -	Y
22.9.11	AI non-emergency call answering (Per PSAP equipment and implementation, per call monthly)	10000		$ 4,350.00	$ 0.15	$ 94,350.00	Y
22.9.12	Push/Pull Multimedia for voice, video, or location (outside of natively delivered media) (Per PSAP)	1	$ -	$ -	$ -	$ -	Y
22.9.13	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	$ -	$ -	$ -	$ -	Y
22.9.14	One time 1-3 month API development outside of NENA i3 and SOW requirements	1		$ 60,000.00		$ 60,000.00	Y
22.9.15	One time 3-6 month API development outside of NENA i3 and SOW requirements	1		$ 80,000.00		$ 80,000.00	Y
22.9.16	One time 6-9 month API development outside of NENA i3 and SOW requirements	1		$ 100,000.00		$ 100,000.00	Y
~~22.9.17~~	~~New technology integration (MRC per position per month)~~ (Removed)						
	Subtotals:		**$ -**	**$ 256,830.00**	**$ 630.84**	$ 444,665.40	
	Total NRC (d+e):					$ 256,830.00	
	Total MRC (f):					$ 630.84	
	Total 5 Year Cost:					$ 444,665.40	

22.10 - ON PREM CPE LABOR RATES COST WORKBOOK

Bidder's Name: CentralSquare Technologies, LLC

Manufacturer/Model: Vertex NG911 Call Handling - On-Premises

(a)	(b)	(c)	(d)	(e)
Line Item #	**Item Description**	**Estimated Annual Hours**	**Hourly Rate**	**5 Year Cost c*d*5**
22.10.1	Technician	1	$ 245.00	$ 1,225.00
22.10.2	System Engineer	1	$ 245.00	$ 1,225.00
22.10.3	Project Manager	1	$ 245.00	$ 1,225.00
	Total 5 Year Cost:			**$ 3,675.00**

*Items on this tab (22.10 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.