

# Price Analysis

Solicitation No. OPN2129793Q1

Solicitation Name: Cubic Traffic Signal Controller, Signal Cabinet, Vehicle Detector & Replacement Parts

#	Items	Item Description	Annual Quantity Required	Unit of Measure	Cubic ITS, Inc.		Contract OPN2121908Q1_1 with Cubic ITS, Inc. 5/24/2021 - 8/23/2025	Percentage Difference
					Unit Price	Total Cost	Previous Pricing Total Cost	%
					<b>Total Cost</b>	\$ 1,617,775.0		
#0-1	2070-F83506084	Controller Cubic 2070LN2 ITS ATC with 2070-2N Field I/O module for TS-2 Type 1 (1C,2N,3B,4A/4NA,7A,SCOUT,TSP,DCS, SynchronGreen) (2070-F83506084)	5	Each	\$7,330	\$36,650	\$36,000	1.81%
#0-2	2070-F73506N84	Controller Cubic 2070LN ITS ATC with NEMA I/O Module for TS-1 (1C,2B,3B,4A/4NA,7A,8-BASE,SCOUT,TSP,DCS,SynchroGreen) (2070-F73506N84)	5	Each	\$7,220	\$36,100	\$41,000	-11.95%
#0-3	2070-F63506084	Controller Cubic 2070 ATC Rack Mount Controller with 2070E-2E+ Field I/O module for 33X Cabinet (1C,2E+,3B,4A/4NA,7A,SCOUT,TSP,DCS,SynchroGreen) (2070-F63506084)	3	Each	\$7,760	\$23,280	\$16,500	41.09%
#0-4	980ATC-51024084	Controller 980 ATC NEMA TS-2 Type 2 4-Port Controller w/USB (NEMA-ABCD) (980ATC-51024084)	2	Each	\$2,912	\$5,824	\$5,750	1.29%
#0-5	980ATC-41024084	Controller 980 NEMA TS-2 Type 1 4-Port Controller w/USB (980ATC-41024084)	3	Each	\$2,704	\$8,112	\$12,687.50	-36.06%
#0-6	2070-W00000084	PROD,ASSY,MODULE, 2070-1CV6 ONLY, V85, TSP,DCS, SynchronGreen	50	Each	\$2,720	\$136,000	\$90,000	51.11%
#0-7	50234-2000-1	Cubic Module 2070-2E+ Field I/O (50234-2000-1)	15	Each	\$710	\$10,650	\$21,300	-50.00%
#0-8	50236-2000	Cubic Module 2N for Cubic 2070 controller (50236-2000)	60	Each	\$690	\$ 41,400.0	\$21,600	91.67%
#0-9	50235-2000	PROD,MODULE,2070-2C,NEMA FIO INTRFACE (50235-2000)	15	Each	\$875	\$ 13,125.0	\$4,350	201.72%
#0-10	50238-2000	Cubic 2070-7A - Async Serial Comm Module (50238-2000)	10	Each	\$ 320	\$ 3,200.0	N/A	N/A
#0-11	9000-1301	Jasper 2070-4A - Power Supply Module 10 AMP (9000-1301)	50	Each	\$ 845	\$ 42,250.0	N/A	N/A
#0-12	9000-1302	Jasper 2070-4NA - Power Supply Module 10 AMP (FOR NEMA) (9000-1302)	5	Each	\$ 845	\$ 4,225.0	N/A	N/A
#0-13	50237-2001-LX	Cubic 2070-3B Front Panel Assembly (50237-2001-LX)	60	Each	\$ 720	\$43,200	\$24,750	74.55%
#0-14	10754-2000	Replacement Front Panel Board (10754-2000)	10	Each	\$ 150	\$ 1,500.0	\$1,400	7.14%
#0-15	10508-2000-1	Replacement 2070 Display Boards (10508-2000-1)	300	Each	\$ 100	\$ 30,000.0	\$22,410	33.87%
#0-16	50103-2010	Cubic 2070-8 NEMA Field I/O Module (ABCD Adapter) (50103-2010)	50	Each	\$2,690.00	\$ 134,500.0	\$55,000	144.55%
#0-17	70006-TS2/FLPP-E2-WC41010101 (16) 9000-0020 (8) 4501-0020 (3) 9000-1190-000 (1) 50128-2101 (1) 9000-0001CT	Cabinet Cubic TS2 Type 1 in a Type 6 Cabinet, w/Detection Rack (70006-TS2/FLPP-E2-WC41010101)	40	Each	\$ 17,575.0	\$703,000.00	\$510,000	37.84%
#0-18	70008-TS2FL4-E2-WCD6010100 (8) 9000-0020 (4) 4501-0020 (2) 9000-1190-000 (1) 50128-2101 (1) 9000-0001CT	Cabinet Cubic TS2 Type 1 in a Type 4 Pole & Ground Mount Option w/Detection Rack (70008-TS2FL4-E2-WCD6010100)	5	Each	\$ 16,330.0	\$ 81,650.0	\$48,350	68.87%
#0-19	10097-2100	Pedestrian Isolation Board Cubic (10097-2100)	60	Each	\$ 140	\$ 8,400.0	\$3,720	125.81%
#0-20	50180-2000	Module 724L TS2 Four Channel Detector (50180-2000)	10	Each	\$ 440	\$ 4,400.0	\$2,380	84.87%
#0-21	9000-1201-102-EDI	MMU2-16 LEIP 16-Channel MMU with Ethernet (9000-1201-102-EDI)	50	Each	\$ 1,341.0	\$ 67,050.0	\$51,400	30.45%
#0-22	9000-1190-000-EDI	EQUIP,BIU,EDI BIU 700	75	Each	\$ 400	\$ 30,000.0	\$15,750	90.48%
#0-23	9000-0170	Cabinet Power Supply, TS2,P/S,EDI,PS250 (9000-0170)	50	Each	\$ 662	\$ 33,100.0	\$27,000	22.59%
#0-24	4501-0020-1	SD,RELAY,XFER,2C,20A,SOCKET, WITH INDICATOR (4501-0020-1)	50	Each	\$ 61	\$ 3,050.0	N/A	N/A
#0-25	11023-2010	ASSY,PCB,CAP/MOV,DAUG CARD,M1M2M3,C1C2, CAP/MOV,DAUGHTER CARD (11023-2010)	50	Each	\$ 25	\$ 1,250.0	\$850	47.06%
#0-26	11024-2010	BOARD, MOTHER, FOR PLUG-IN CAP CARDS (MOV RESISTOR HOST BOARD) (11024-2010)	20	Each	\$ 120	\$ 2,400.0	N/A	N/A

# Price Analysis

Solicitation No. OPN2129793Q1  
Solicitation Name: Cubic Traffic Signal Controller, Signal Cabinet, Vehicle Detector & Replacement Parts

#	Item Code	Description	QTY	Unit	Current Price	Previous Price	Current Price	Previous Price	% Change
#0-27	9000-0803-7	LAMP,LED,7 LUMILEDS, 24V,300 LM	10	Each	\$ 47	\$ 470	N/A	N/A	
#0-28	70007-ATC-32120-340-PB-F01	ATX/ATC, 32 Channel, 340 Enclosure, 120 Input	1	Each	\$ 37,643.0	\$37,643.00	\$24,900		51.18%
#0-29	9000-0099	LOAD PAC (LOADSWITCH/FLASHER), ATC V2	5	Each	\$ 307	\$ 1,535.0	N/A	N/A	
#0-30	9000-0098	SIU2, SINGLE WIDE, ATC V2	2	Each	\$ 373	\$ 746	N/A	N/A	
#0-31	9000-0103	CMU-HV, ATC V2, 120 VAC	1	Each	\$ 959	\$ 959	N/A	N/A	
#0-32	9000-0105	ADU,AUXILIARY DISPLAY UNIT,CMU, 48 VDC	1	Each	\$ 711	\$ 711	N/A	N/A	
#0-33	9000-0181	PWR SUPPLY,24V/48V, ATC, ITS V2, 90-270 VAC	2	Each	\$ 637	\$ 1,274.0	N/A	N/A	
#0-34	9000-0091	DC ISOLATOR,STD,MODEL 242	2	Each	\$ 65	\$ 130	N/A	N/A	
#0-35	9000-0031	PROGRAMMER TOOL, MONITOR KEY, EDI	1	Each	\$ 658	\$ 658	N/A	N/A	
#0-36	9000-0095	PWR SUPPLY,12/24V,340ITS/332,216EP-2412, 90-270 VAC	2	Each	\$ 781	\$ 1,562.0	N/A	N/A	
#0-37	10228-2000-BLK	INTERNALLY ILLUMINATED SIGN PANEL	1	Each	\$ 150	\$ 150	N/A	N/A	
#0-38	9000-0090	AC ISOLATOR,STD,MODEL 252	2	Each	\$ 53	\$ 106	N/A	N/A	
#0-39	GS-3-SMK	SMARTMOUNT Kit w/Camera (GS-3-SMK)	1	Each	\$ 4,275.0	\$ 4,275.0	\$3,450		23.91%
#0-40	GS-3-SMK-F	Bell Camera Kit, Fiber	1	Each	\$ 4,795.0	\$ 4,795.0	N/A	N/A	
#0-41	GS-3-CAM	Camera ONLY (GS-3-CAM)	1	Each	\$ 4,105.0	\$ 4,105.0	\$2,570		59.73%
#0-42	GS-3-GS3	GS3-SYS GS3 System - Cabinet Processor ONLY	1	Each	\$ 12,765.0	\$ 12,765.0	N/A	N/A	
#0-43	9201-1416-SS-96	SH,COSTCAST,CLAMP,W/96",1416-SS-96 (9201-1416-SS-96)	1	Each	\$ 195	\$ 195	N/A	N/A	
#0-44	GS-3-SMK-L	SMARTMOUNT LUMINAIRE (GS-3-SMK-L)	1	Each	\$ 4,400.0	\$ 4,400.0	\$3,450		27.54%
#0-45	GS-AC3-F	Advanced Detection Camera, Fiber (AC3-F)	1	Each	\$ 4,935.0	\$ 4,935.0	N/A	N/A	
#0-46	GS-SC3-F	Stoplevel Detection Camera, Fiber (SC3-F)	1	Each	\$ 4,935.0	\$ 4,935.0	N/A	N/A	
#0-47	GS-AC3	GS-AC3 Advanced Detection Camera (AC3)	1	Each	\$ 3,500.0	\$3,500	N/A	N/A	
#0-48	GS-SC3	Stoplevel Detection Camera (SC3)	1	Each	\$3,500	\$3,500	N/A	N/A	
#0-49	GS3-TS1-OPT	GS3-TS1-OPT TS1 Module GS3	2	Each	\$ 220	\$ 440	N/A	N/A	
#0-50	GS3-TS2-OPT	GS3-TS2-OPT TS2 Module GS3	2	Each	\$ 220	\$ 440	N/A	N/A	
#0-51	GS-3-EPM	ETHERNET PROTECTION MODULE (GS-3-EPM)	2	Each	\$ 100	\$ 200	\$160		25.00%
#0-52	GS-3RMB	Rackmount Bracket for GS3	2	Each	\$ 110	\$ 220	\$70		214.29%
#0-53	GS-3-CBL	84" (2.13M) CABLE BRACKET (GS-3-CBL)	2	Each	\$ 195	\$ 390	\$310		25.81%
#0-54	GS-3-TEN	1.9" TO 4.5" (0.05M TO 0.11M) TENON BRACKET (GS-3-TEN)	2	Each	\$ 195	\$ 390	\$310		25.81%
#0-55	GS-3-CBP	CONTROLLER BREAKOUT PANEL (GS-3-CBP)	2	Each	\$ 445	\$ 890	\$710		25.35%
#0-56	GS-3-TS1	TS1 CABLES (GS-3-TS1)	2	Each	\$ 425	\$ 850	\$680		25.00%
#0-57	GS-3-CAT5	BURIAL GRADE CAT5E CABLE 1000' ft. (GS-3-CAT5)	1	Each	\$ 585	\$ 585	\$470		24.47%
#0-58	GS-FCB2	Fiber Conversion Bundle for 2 Repeaters (1000') [6]	1	Each	\$2,465	\$2,465	N/A	N/A	
#0-59	GS-3-FIB	1,000' of Fiber Cable	1	Each	\$2,355	\$2,355	N/A	N/A	
#0-60	GS-3-ITS	ITS CABLE (GS-3-ITS)	1	Each	\$ 90	\$ 90	N/A	N/A	
#0-61	GS-3-PFM+	Performance Plus (includes Streams)	1	Each	\$4,545	\$4,545	N/A	N/A	
#0-62	GS-3-UPG	Upgrade Performance to Performance Plus	5	Each	\$1,250	\$6,250	N/A	N/A	

Total Percentage Difference: 43.25%

Pass-Thru Allowance: \$25,000 annually.

The Traffic Engineering Division projected an annual expenditure of \$1,642,775 for this project.

Note: "N/A" indicates items that were not part of the previous contract. The total percentage difference reflects only the comparison between items with pricing in both the previous and current contracts.

For items 3, 6, 8, 9, 13, 16, 18, 19, 20, 22, 25, 28, 41, 51, prior contract (OPN2121908Q1\_1), which remained in effect for over four years without any price adjustments, did not account for rising costs. During this period, Cubic has incurred substantial increases in the cost of materials, production labor, and transportation.

## PPI Industry Data 12-Month Percent Change

**Series Id:** PCU335313335313  
**Series Title:** PPI industry data for Switchgear and switchboard apparatus mfg, not seasonally adjusted  
**Industry:** Switchgear and switchboard apparatus mfg  
**Product:** Switchgear and switchboard apparatus mfg  
**Base Date:** 198506  
**Years:** 2021 to 2024

Year	Annual
2021	5.6%
2022	18.5%
2023	9.4%
2024	7.6%
Four Year Total	41.1%