



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
601.00	Controller-TS 2 Type 2	each	15	
	FOUR THOUSAND FIVE HUNDRED THIRTY	SIEMENS/YUNEX	M60 ATC	4,530.00
	Per Each	Manufacturer	Model	\$ Each
601.10	Controller Wiring Harness	each	5	
	ONE HUNDRED FIFTY	MOBOTREX	ABW12027P001	150.00
	Per Each	Manufacturer	Model	\$ Each
602.00	Controller Cabinet Assembly-Type P-Per Spec	lump sum	3	
	THIRTY ONE THOUSAND NINE HUNDRED DOLLAR	MOBOTREX/ITERIS	EL712	31,900.00
	Per Each	Manufacturer	Model	\$ Each
602.05	Controller Cabinet Shell Only, Type P	each	2	
	TWO THOUSAND FIVE HUNDRED	MOBOTREX	EL712 P	2,500.00
	Per Each	Manufacturer	Model	\$ Each
602.10	Controller Cabinet Assembly-Type M-Per Spec	lump sum	1	
	THIRTY ONE THOUSAND SIX HUNDRED DOLLARS	MOBOTREX/ITERS	EL702	31,600.00
	Per Each	Manufacturer	Model	\$ Each

Bidder Name: OCEAN STATE SIGNAL

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price Written>	<Manufacturer>	<Model>	<Value>
602.15	Controller Cabinet Shell Only, Type M	each	1	
	TWO THOUSAND THREE HUNDRED	MOBOTREX	EL702 M	2,300.00
	Per Each	Manufacturer	Model	\$ Each
602.50	MMU2-16LEIP Series Management Malfunction Unit	each	20	
	ONE THOUSAND THREE HUNDRED FOR	EBERLE DESIGN	MMU2-16LEIP	1,340.00
	Per Each	Manufacturer	Model	\$ Each
602.81	Opticom 2-Channel Phase Selectors (700 series)	each	10	
	ONE THOUSAND SIX HUNDRED TWENTY DOLLARS	TOMAR	OSPOCV2-2	1,620.00
	Per Each	Manufacturer	Model	\$ Each
602.82	Opticom 4-Channel Phase Selectors (700 series)	each	10	
	TWO THOUSAND TWO HUNDRED NINETY DOLLARS	TOMAR	OSPOCV2-4	2,290.00
	Per Each	Manufacturer	Model	\$ Each
602.83	White Conformation Strobe Indicator for Preemption	each	10	

Bidder Name: OCEAN STATE SIGNAL

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Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
	THREE HUNDRED FORTY FIVE DOLLARS	TOMAR	801-110C	345.00
	Per Each	Manufacturer	Model	\$ Each
602.84	Opticom Detector (700 series) — One-Way Direction	each	16	
	FOUR HUNDRED TEN DOLLARS	TOMAR	DETOC1	410.00
	Per Each	Manufacturer	Model	\$ Each
602.85	Opticom Detector (700 series) — Two-Way Direction	each	8	
	SIX HUNDRED FORTY DOLLARS	TOMAR	DETOC22	640.00
	Per Each	Manufacturer	Model	\$ Each
603.70	24V 5A shelf Mount Power Supply for TS-2 Cabinet	each	10	
	FIVE HUNDRED TWENTY DOLLARS	EBERLE DESIGN	PS250	520.00
	Per Each	Manufacturer	Model	\$ Each

Bidder Name: OCEAN STATE SIGNAL

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
603.75	16-Channel 10-POS Detector Rack w/Opticom Compatibility	each	1	
	THREE HUNDRED NINETY	MOBOTREX	AAD12047P001	390.00
	Per Each	Manufacturer	Model	\$ Each
604.00	Video Detection-Complete System	lump sum	3	
	TWENTY ONE THOUSAND NINE HUNDRED DOLLARS	ITERIS	4-NEXT 1-CCU	21,900.00
	Per Each	Manufacturer	Model	\$ Each
604.02	16 Channel TS 2 Cabinet Detector Rack With BIU	each	1	
	SEVEN HUNDRED THIRTY	ITERIS	BIU/CDR100	730.00
	Per Each	Manufacturer	Model	\$ Each
604.05	WDR Video Detection Camera with Mounting Hardware	each	10	
	TWO THOUSAND THREE HUNDRED FORTY	ITERIS	NEXT WDR PELCO AG-0175	2,340.00
	Per Each	Manufacturer	Model	\$ Each

Bidder Name: OCEAN STATE SIGNAL

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
604.07	Video Detection Camera With Radar And Mounting Hardware	each	4	
	FIVE THOUSAND SEVEN HUNDRED NINETY	ITERIS	VECTOR NEXT PELCO AG-0175	\$ 5790.00
	Per Each	Manufacturer	Model	Each
604.08	Video Detection Camera Surge Protection Panel	each	5	
	THREE HUNDRED SIXTY	ITERIS	NEXT RAD SURGE	\$ 360.00
	Per Each	Manufacturer	Model	Each
604.10	Rack-Mount Video Detection Processor (4-Channel)	each	1	
	TWELVE THOUSAND THREE HUNDRED DOLLARS	ITERIS	NEXT CCU 4-CAM SM	\$ 12,300.00
	Per Each	Manufacturer	Model	Each
604.60	Galaxy Camera Bracket w/74" Gusseted Tube, Vinyl Insert, and Detector Mounting Hardware	each	25	
	THREE HUNDRED FIVE DOLLARS	PELCO	AG-0175	\$ 290.00
	Per Each	Manufacturer	Model	Each

Bidder Name: OCEAN STATE SIGNAL

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
605.10	Central Control Unit (1-U Rack Mount)	each	1	
	THREE THOUSAND SIX HUNDRED THIRTY	ITERIS	NEXT CCU DVP	3630.00
	Per Each	Manufacturer	Model	\$ Each
605.20	Central Control Unit (Shelf-Mounted; TS 1) With Power Supply	each	1	
	TWELVE THOUSAND THREE HUNDRED DOLLARS	ITERIS	NEXT CCU-4	12,300.00
	Per Each	Manufacturer	Model	\$ Each
605.30	Central Control Unit (Shelf-Mounted; TS2-Four Sensor) With Power Supply	each	2	
	TWELVE THOUSAND THREE HUNDRED DOLLARS	ITERIS	NEXT CCU-4	12,300.00
	Per Each	Manufacturer	Model	\$ Each
605.30a	Central Control Unit (Shelf-Mounted; TS2-Eight Sensor) With Power Supply	each	2	
	TWENTY THREE THOUSAND SIX HUNDRED FORTY	ITERIS	NEXT MAX-CCU 8SM-8 PAK	23,640.00
	Per Each	Manufacturer	Model	\$ Each

OCEAN STATE SIGNAL

Bidder Name: _____

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
607.10	CAT5e Direct Burial Shielded Cable (1000 ft)	each	5	
	Five Hundred Fifty Dollars	ITERIS	CAT6E	550.00
	Per Each	Manufacturer	Model	\$ Each
607.15	CAT5e Shielded Pass Through RJ45 Connectors (100-pack)	each	3	
	Three Hundred Fifty Dollars	ITERIS	EZ-J45	350.00
	Per Each	Manufacturer	Model	\$ Each
608.20	12" Tunnel Visor for Traffic Signal	each	50	
	THIRTY SEVEN DOLLARS	MOBOTREX	A85230713	37.00
	Per Each	Manufacturer	Model	\$ Each
609.01	16" Countdown LED Pedestrian Signal Heads w/Visors-Complete	each	50	
	THREE HUNDRED NINETY	MOBOTREX	SG SERIES W'/CD	390.00
	Per Each	Manufacturer	Model	\$ Each

OCEAN STATE SIGNAL

Bidder Name: _____

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
609.10	16" Countdown LED Pedestrian Modules	each	100	
	ONE HUNDRED NINETY	LEOTEK	TSL-PED-16	190.00
	Per Each	Manufacturer	Model	\$ Each
609.30	16" Open Pedestrian Visors	each	50	
	FIFTY FIVE DOLLARS	MOBOTREX	A85230913	\$ 55.00
	Per Each	Manufacturer	Model	\$ Each
610.00	Rectangular Rapid Flashing Beacon Assembly	lump sum	30	
	SIXTEEN THOUSAND FIVE HUNDRED DOLLARS	TAPCO	85/105 ILLUMINATOR	\$ 16,500.00
	Per Each	Manufacturer	Model	\$ Each
610.10	RRFB Control Cabinet	each	2	
	TWO THOUSAND TWO HUNDRED NINETY DOLLARS	TAPCO	120652 PEM BLACK W/ BKT	\$ 2,290.00
	Per Each	Manufacturer	Model	\$ Each
610.20	RRFB Controller	each	5	
	ONE THOUSAND TWO HUNDRED THIRTY DOLLARS	TAPCO	400291	\$ 1,230.00
	Per Each	Manufacturer	Model	\$ Each

OCEAN STATE SIGNAL

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
610.30	RRFB Solar Charge Controller	each	2	
	FOUR HUNDRED NINETY FIVE	TAPCO	3562-00004	495.00
	Per Each	Manufacturer	Model	Each
610.35	RRFB 115-Watt Solar Panel	each	10	
	NINE HUNDRED TWENTY FIVE	TAPCO	SLR-110-BLK	925.00
	Per Each	Manufacturer	Model	Each
610.40	RRFB 105 Ah Battery	each	2	
	ONE THOUSAND FIFTY DOLLARS	TAPCO	QUANTITY OF 3 3-35ah BATTERY TO REACH 105AH	1,050.00
	Per Each	Manufacturer	Model	Each
610.45	RRFB Wireless Transceiver	each	2	
	FIVE HUNDRED SEVENTY	TAPCO	149664	570.00
	Per Each	Manufacturer	Model	Each
610.50	RRFB Crosswalk Illuminator	each	2	
	THREE HUNDRED NINETY	TAPCO	143402	390.00
	Per Each	Manufacturer	Model	Each

OCEAN STATE SIGNAL

Bidder Name: _____

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
610.55	RRFB Light Bar	each	10	
	SIX HUNDRED TEN DOLLARS	TAPCO	138089	\$ 610.00
	Per Each	Manufacturer	Model	Each
610.60	RRFB Audible Push Button	each	10	
	FIVE HUNDRED EIGHTY	POLARA	INX-APS	\$ 580.00
	Per Each	Manufacturer	Model	Each
610.80	RRFB Pole and Base	each	10	
	ONE THOUSAND TWO HUNDRED	TAPCO/PELCO	PB-5100/5334	\$ 1,200.00
	Per Each	Manufacturer	Model	Each
611.10	APS Intelligent Central Control Unit (ICCU)	each	1	
	TWO THOUSAND EIGHT HUNDRED TEN DOLLARS	POLARA	ICCU-S2 W/ACCP SDLCCP CABLES	\$ 2,810.00
	Per Each	Manufacturer	Model	Each
611.12	APS Ped Head Control Unit (IPHCU)	each	50	
	THREE HUNDRED TEN DOLLARS	POLARA	iPHCU W/CABLE	\$ 310.00
	Per Each	Manufacturer	Model	Each

Bidder Name: OCEAN STATE SIGNAL

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Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
611.16	APS Push Button (2-Wire)	each	8	
	FIVE HUNDRED THIRTY	POLARA	iN2 BUTTON ONLY NO CCU	\$ 530.00
	Per Each	Manufacturer	Model	Each
611.18	APS Push Button (3-Wire)	each	50	
	FIVE HUNDRAED THIRTY	POLARA	iN3 BUTTON ONLY NO CCU	\$ 530.00
	Per Each	Manufacturer	Model	Each
612.01	Traffic Signal Poles-9 ft. Standard	each	25	
	SEVEN HUNDARED TWENTY	PELCO	PB-5100-9-P33	\$ 720.00
	Per Each	Manufacturer	Model	Each
614.50	Mast Arm Bases —Breakaway 20" bolt pattern on bottom (TB4)	each	25	
				\$ NO BID
	Per Each	Manufacturer	Model	Each
614.60	Mast Arm Ornamental Bases Only-Valmont Type	each	5	
				\$ NO BID
	Per Each	Manufacturer	Model	Each
Bidder Name: OCEAN STATE SIGNAL				

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Item Number	Item Description <Unit Bid Price Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
614.70	Mast Arm Ornamental Bases Only -Union Metal Type	each	5	
				\$ NO BID
614.80	Aluminum Octagonal Traffic Signal Base w/Threaded Steel Coupling (356 alloy/B-26, Black Powder Coat)	each	25	
	THREE HUNDRED SEVENTY	PELCO	PB-5349-1S-GL-P33	\$ 370.00
	Per Each	Manufacturer	Model	Each
614.89	Opticom Band Mounting Hardware Kits for Mast Arms	each	30	
	NINETY FIVE DOLLARS	PELCO	AB-0160-62-P33	\$ 95.00
	Per Each	Manufacturer	Model	Each
614.91	Rigid Mast Arm Hanger Body Assembly (SE-3056 or approved equivalent)	each	10	
	NINETY DOLLARS	PELCO	SE-3056	\$ 90.00
	Per Each	Manufacturer	Model	Each

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
616.00	12" Red LED Ball Indication	each	50	
	SIXTY FIVE DOLLARS	LEOTEK	TSL-12R	65.00
	Per Each	Manufacturer	Model	\$ Each
616.10	12" Red LED Arrow Indication	each	10	
	SIXTY FIVE DOLLARS	LEOTEK	TSL12RA	65.00
	Per Each	Manufacturer	Model	\$ Each
616.20	12" Red LED for 3M Programmable signals	each	10	
	ONE HUNDRED TWENTY	LEOTEK	T05R	120.00
	Per Each	Manufacturer	Model	\$ Each
616.30	12" Green LED Ball Indication	each	50	
	SIXTY FIVE DOLLARS	LEOTEK	TSL-12G	65.00
	Per Each	Manufacturer	Model	\$ Each
616.40	12" Green LED Arrow Indication	each	10	
	SIXTY FIVE DOLLARS	LEOTEK	TSL-12GA	65.00
	Per Each	Manufacturer	Model	\$ Each

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Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
616.50	12" Green LED For 3M Programmable Signals	each	10	
	ONE HUNDRED TWENTY	LEOTEK	T05G	120.00
	Per Each	Manufacturer	Model	\$ Each
616.60	12" Amber LED Ball Indication	each	50	
	SIXTY FIVE DOLLARS	LEOTEK	TSL-12Y	\$ 65.00
	Per Each	Manufacturer	Model	\$ Each
616.70	12" Amber LED Arrow Indication	each	10	
	SIXTY FIVE DOLLARS	LEOTEK	TSL-12YA	\$ 65.00
	Per Each	Manufacturer	Model	\$ Each
616.80	12" Amber LED for 3M Programmable Signals	each	10	
	ONE HUNDRED TWENTY	LEOTEK	T05Y	\$ 120.00
	Per Each	Manufacturer	Model	\$ Each

****All materials, supplies, parts, etc. not specifically listed above, but included in our specifications may be procured, at the discretion of the City, by the Contractor and charged to the City of Worcester at a rate not to exceed 10% over the Contractor's net cost. The City may request original copies of the Contractor invoices at any time to confirm said costs.**

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Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
601.00	Controller-TS 2 Type 2	each	15	
	Per Each	<u>Oriux</u> Manufacturer	<u>ATC-1000</u> Model	<u>\$ 2,500.-</u> Each
601.10	Controller Wiring Harness	each	5	
	Per Each	<u>Oriux</u> Manufacturer	<u>Harness</u> Model	<u>\$ 500.-</u> Each
602.00	Controller Cabinet Assembly-Type P-Per Spec	lump sum	3	
	Per Each	<u>Notraffic Oriux</u> Manufacturer	<u>Type P</u> Model	<u>\$ 27,212.-</u> Each
602.05	Controller Cabinet Shell Only, Type P	each	2	
	Per Each	<u>Oriux</u> Manufacturer	<u>Type P</u> Model	<u>\$ N/B</u> Each
602.10	Controller Cabinet Assembly-Type M-Per Spec	lump sum	1	
	Per Each	<u>Notraffic Oriux</u> Manufacturer	<u>Type M</u> Model	<u>\$ 27,000.-</u> Each

Bidder Name: Marlin Controls

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
602.15	Controller Cabinet Shell Only, Type M	each	1	
	Per Each	<u>Oriux</u> Manufacturer	<u>Type M</u> Model	\$ <u>N/B</u> Each
602.50	MMU2-16LEIP Series Management Malfunction Unit	each	20	
	Per Each	<u>Oriux</u> Manufacturer	<u>SG-1000</u> Model	\$ <u>1233.-</u> Each
602.81	Opticom 2-Channel Phase Selectors (700 series)	each	10	
	Per Each	<u>Emtrac</u> Manufacturer	<u>ST-9320</u> Model	\$ <u>1690.-</u> Each
602.82	Opticom 4-Channel Phase Selectors (700 series)	each	10	
	Per Each	<u>Emtrac</u> Manufacturer	<u>ST-9340</u> Model	\$ <u>2374.-</u> Each
602.83	White Conformation Strobe Indicator for Preemption	each	10	

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
	Per Each	<u>Tomar</u> Manufacturer	<u>801-110-C</u> Model	<u>\$ 350.-</u> Each
602.84	Opticom Detector (700 series) — One-Way Direction	each	16	
	Per Each	<u>Emtrac</u> Manufacturer	<u>ST-9846</u> Model	<u>\$ 300.-</u> Each
602.85	Opticom Detector (700 series) — Two-Way Direction	each	8	
	Per Each	<u>Emtrac</u> Manufacturer	<u>ST-9846</u> Model	<u>\$ 430.-</u> Each
603.70	24V 5A shelf Mount Power Supply for TS-2 Cabinet	each	10	
	Per Each	<u>ORIUX</u> Manufacturer	<u>82-1894</u> Model	<u>\$ 637.-</u> Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>

603.75	16-Channel 10-POS Detector Rack w/Opticom Compatibility	each	1	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

604.00	Video Detection-Complete System	lump sum	3	
	Per Each	<u>Notraffic</u> Manufacturer	<u>Omni</u> Model	\$ <u>20,400.-</u> Each

604.02	16 Channel TS 2 Cabinet Detector Rack With BIU	each	1	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

604.05	WDR Video Detection Camera with Mounting Hardware	each	10	
	Per Each	<u>Pelco / Notraffic</u> Manufacturer	<u>Omni</u> Model	\$ <u>3,750.-</u> Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
604.07	Video Detection Camera With Radar And Mounting Hardware	each	4	
	_____	<u>Pelco/</u>	<u>Omni</u>	\$ <u>3.750.-</u>
	Per Each	Manufacturer	Model	Each
604.08	Video Detection Camera Surge Protection Panel	each	5	
	_____	<u>Notraffic</u>	<u>Omni</u>	\$ <u>N/B</u>
	Per Each	Manufacturer	Model	Each
604.10	Rack-Mount Video Detection Processor (4-Channel)	each	1	
	_____	<u>Notraffic</u>	<u>Omni</u>	\$ <u>4550.-</u>
	Per Each	Manufacturer	Model	Each
604.60	Galaxy Camera Bracket w/74" Gusseted Tube, Vinyl Insert, and Detector Mounting Hardware	each	25	
	_____	<u>Pelco</u>	<u>AS-0175</u>	\$ <u>275.-</u>
	Per Each	Manufacturer	Model	Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
605.10	Central Control Unit (1-U Rack Mount)	each	1	
	Per Each	<u>Notraffic</u> Manufacturer	<u>Omni</u> Model	\$ <u>4550.-</u> Each
605.20	Central Control Unit (Shelf-Mounted; TS 1) With Power Supply	each	1	
	Per Each	<u>Notraffic</u> Manufacturer	<u>w/SPU</u> <u>Omni</u> Model	\$ <u>5,300.-</u> Each
605.30	Central Control Unit (Shelf-Mounted; TS2-Four Sensor) With Power Supply	each	2	
	Per Each	<u>Notraffic</u> Manufacturer	<u>w/SPU</u> <u>Omni</u> Model	\$ <u>5,300.-</u> Each
605.30a	Central Control Unit (Shelf-Mounted; TS2-Eight Sensor) With Power Supply	each	2	
	Per Each	<u>Notraffic</u> Manufacturer	<u>w/2SPU</u> <u>Omni</u> Model	\$ <u>5,900.-</u> Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
607.10	CAT5e Direct Burial Shielded Cable (1000 ft)	each	5	
	Per Each	Manufacturer	Model	\$ <u>N/B</u>
607.15	CAT5e Shielded Pass Through RJ45 Connectors (100-pack)	each	3	
	Per Each	Manufacturer	Model	\$ <u>N/B</u>
608.20	12" Tunnel Visor for Traffic Signal	each	50	
	Per Each	<u>ORIUX</u> Manufacturer	<u>12" Tunnel</u> Model	\$ <u>31.50</u>
609.01	16" Countdown LED Pedestrian Signal Heads w/Visors-Complete	each	50	
	Per Each	<u>Leotek</u> <u>ORIUX</u> Manufacturer	<u>16" Ped.</u> Model	\$ <u>315.00</u>

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
609.10	16" Countdown LED Pedestrian Modules	each	100	
	_____	<u>Leotek</u>	<u>TSL-Series</u>	<u>\$ 130.-</u>
	Per Each	Manufacturer	Model	Each
609.30	16" Open Pedestrian Visors	each	50	
	_____	_____	_____	<u>\$ N/B</u>
	Per Each	Manufacturer	Model	Each
610.00	Rectangular Rapid Flashing Beacon Assembly	lump sum	30	
	_____	_____	_____	<u>\$ N/B</u>
	Per Each	Manufacturer	Model	Each
610.10	RRFB Control Cabinet	each	2	
	_____	_____	_____	<u>\$ N/B</u>
	Per Each	Manufacturer	Model	Each
610.20	RRFB Controller	each	5	
	_____	_____	_____	<u>\$ N/B</u>
	Per Each	Manufacturer	Model	Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
610.30	RRFB Solar Charge Controller	each	2	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
610.35	RRFB 115-Watt Solar Panel	each	10	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
610.40	RRFB 105 Ah Battery	each	2	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
610.45	RRFB Wireless Transceiver	each	2	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
610.50	RRFB Crosswalk Illuminator	each	2	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
610.55	RRFB Light Bar	each	10	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
610.60	RRFB Audible Push Button	each	10	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
610.80	RRFB Pole and Base	each	10	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
611.10	APS Intelligent Central Control Unit (ICCU)	each	1	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
611.12	APS Ped Head Control Unit (IPHCU)	each	50	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>

611.16	APS Push Button (2-Wire)	each	8	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

611.18	APS Push Button (3-Wire)	each	50	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

612.01	Traffic Signal Poles-9 ft. Standard	each	25	
	Per Each	<u>Pelco</u> Manufacturer	<u>PB-5100-9</u> Model <u>P33</u>	\$ <u>420.-</u> Each

614.50	Mast Arm Bases —Breakaway 20" bolt pattern on bottom (TB4)	each	25	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

614.60	Mast Arm Ornamental Bases Only-Valmont Type	each	5	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

Bidder Name: Maclin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.

BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
614.70	Mast Arm Ornamental Bases Only -Union Metal Type	each	5	
	Per Each	Manufacturer	Model	\$ <u>N/B</u>
614.80	Aluminum Octagonal Traffic Signal Base w/Threaded Steel Coupling (356 alloy/B-26, Black Powder Coat)	each	25	
	Per Each	<u>Pelco</u> Manufacturer	<u>PB-5349</u> Model <u>P33</u>	\$ <u>305.-</u> Each
614.89	Opticom Band Mounting Hardware Kits for Mast Arms	each	30	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each
614.91	Rigid Mast Arm Hanger Body Assembly (SE-3056 or approved equivalent)	each	10	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.

BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
616.00	12" Red LED Ball Indication	each	50	
	Per Each	<u>Leotek</u> Manufacturer	<u>TSL Series</u> Model	<u>\$ 44.00</u> Each
616.10	12" Red LED Arrow Indication	each	10	
	Per Each	<u>Leotek</u> Manufacturer	<u>TSL Series</u> Model	<u>\$ 48.50</u> Each
616.20	12" Red LED for 3M Programmable signals	each	10	
	Per Each	<u>Leotek</u> Manufacturer	<u>PV Series</u> Model	<u>\$ 80.00</u> Each
616.30	12" Green LED Ball Indication	each	50	
	Per Each	<u>Leotek</u> Manufacturer	<u>TSL Series</u> Model	<u>\$ 44.00</u> Each
616.40	12" Green LED Arrow Indication	each	10	
	Per Each	<u>Leotek</u> Manufacturer	<u>TSL Series</u> Model	<u>\$ 48.00</u> Each

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.

BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
616.50	12" Green LED For 3M Programmable Signals	each	10	
	Per Each	<u>Leatek</u> Manufacturer	<u>PV Series</u> Model	\$ <u>86.50</u> Each
616.60	12" Amber LED Ball Indication	each	50	
	Per Each	<u>Leatek</u> Manufacturer	<u>TSL Series</u> Model	\$ <u>44.00</u> Each
616.70	12" Amber LED Arrow Indication	each	10	
	Per Each	<u>Leatek</u> Manufacturer	<u>TSL Series</u> Model	\$ <u>48.50</u> Each
616.80	12" Amber LED for 3M Programmable Signals	each	10	
	Per Each	<u>Leatek</u> Manufacturer	<u>TSL Series</u> Model	\$ <u>80.00</u> Each

****All materials, supplies, parts, etc. not specifically listed above, but included in our specifications may be procured, at the discretion of the City, by the Contractor and charged to the City of Worcester at a rate not to exceed 10% over the Contractor's net cost. The City may request original copies of the Contractor invoices at any time to confirm said costs.**

Bidder Name: Marlin Controls

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. The City reserves the right to increase or decrease the quantities ordered.



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
601.00	Controller-TS 2 Type 2	each	15	
	Per Each	Manufacturer	Model	\$ Each
601.10	Controller Wiring Harness	each	5	
	Per Each	Manufacturer	Model	\$ Each
602.00	Controller Cabinet Assembly-Type P-Per Spec	lump sum	3	
	Per Each	Manufacturer	Model	\$ Each
602.05	Controller Cabinet Shell Only, Type P	each	2	
	Per Each	Manufacturer	Model	\$ Each
602.10	Controller Cabinet Assembly-Type M-Per Spec	lump sum	1	
	Per Each	Manufacturer	Model	\$ Each

Bidder Name: Camden White

Traffic Signal Tech.

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. **The City reserves the right to increase or decrease the quantities ordered.**



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
602.15	Controller Cabinet Shell Only, Type M	each	1	
	Per Each	Manufacturer	Model	\$ Each
602.50	MMU2-16LEIP Series Management Malfunction Unit	each	20	
	Per Each	Manufacturer	Model	\$ Each
602.81	Opticom 2-Channel Phase Selectors (700 series)	each	10	
	Per Each	Manufacturer	Model	\$ Each
602.82	Opticom 4-Channel Phase Selectors (700 series)	each	10	
	Per Each	Manufacturer	Model	\$ Each
602.83	White Conformation Strobe Indicator for Preemption	each	10	

Bidder Name: Camden White

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
	Per Each	Manufacturer	Model	\$ Each
602.84	Opticom Detector (700 series) — One-Way Direction	each	16	
	Per Each	Manufacturer	Model	\$ Each
602.85	Opticom Detector (700 series) — Two-Way Direction	each	8	
	Per Each	Manufacturer	Model	\$ Each
603.70	24V 5A shelf Mount Power Supply for TS-2 Cabinet	each	10	
	Per Each	Manufacturer	Model	\$ Each

Bidder Name: Camden White

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. **The City reserves the right to increase or decrease the quantities ordered.**



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
603.75	16-Channel 10-POS Detector Rack w/Opticom Compatibility	each	1	
	_____	_____	_____	\$ _____
	Per Each	Manufacturer	Model	Each
604.00	Video Detection-Complete System	lump sum	3	
	_____	_____	_____	\$ _____
	Per Each	Manufacturer	Model	Each
604.02	16 Channel TS 2 Cabinet Detector Rack With BIU	each	1	
	_____	_____	_____	\$ _____
	Per Each	Manufacturer	Model	Each
604.05	WDR Video Detection Camera with Mounting Hardware	each	10	
	_____	_____	_____	\$ _____
	Per Each	Manufacturer	Model	Each

Bidder Name: Camden White

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. **The City reserves the right to increase or decrease the quantities ordered.**



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
604.07	Video Detection Camera With Radar And Mounting Hardware	each	4	
	Per Each	Manufacturer	Model	\$ Each
604.08	Video Detection Camera Surge Protection Panel	each	5	
	Per Each	Manufacturer	Model	\$ Each
604.10	Rack-Mount Video Detection Processor (4-Channel)	each	1	
	Per Each	Manufacturer	Model	\$ Each
604.60	Galaxy Camera Bracket w/74" Gusseted Tube, Vinyl Insert, and Detector Mounting Hardware	each	25	
	Per Each	Manufacturer	Model	\$ Each

Bidder Name: Camden White

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. **The City reserves the right to increase or decrease the quantities ordered.**



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
605.10	Central Control Unit (1-U Rack Mount)	each	1	
	Per Each	Manufacturer	Model	\$ Each
605.20	Central Control Unit (Shelf-Mounted; TS 1) With Power Supply	each	1	
	Per Each	Manufacturer	Model	\$ Each
605.30	Central Control Unit (Shelf-Mounted; TS2-Four Sensor) With Power Supply	each	2	
	Per Each	Manufacturer	Model	\$ Each
605.30a	Central Control Unit (Shelf-Mounted; TS2-Eight Sensor) With Power Supply	each	2	
	Per Each	Manufacturer	Model	\$ Each

Bidder Name: Camden White

Note: Specifications for the signal equipment are listed in previous section. All traffic signal equipment must comply with the Manual on Uniform Traffic Control Devices (MUTCD) specifications and be on the MassDOT Qualified Traffic Control Equipment list (QTCE). The quantities shown above are estimated only. The Bidder will be required to furnish all quantities ordered by the City during the period of the contract. Bidder must state and clearly identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. All bidders shall supply catalog cut sheets for all equipment listed. Failure to do so may result in the rejection of any and all parts of the bid. **The City reserves the right to increase or decrease the quantities ordered.**



BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
607.10	CAT5e Direct Burial Shielded Cable (1000 ft)	each	5	
	Per Each	Manufacturer	Model	\$ Each
607.15	CAT5e Shielded Pass Through RJ45 Connectors (100-pack)	each	3	
	Per Each	Manufacturer	Model	\$ Each
608.20	12" Tunnel Visor for Traffic Signal	each	50	
	36.00	McCauley	M19294	\$ 1,800
	Per Each	Manufacturer	Model	Each
609.01	16" Countdown LED Pedestrian Signal Heads w/Visors-Complete	each	50	
	Per Each	Manufacturer	Model	\$ Each

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Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
609.10	16" Countdown LED Pedestrian Modules	each	100	
	<u>\$ 140.00</u>	<u>Leotek</u>	<u>TSL-PEP-16-SXC-V1</u>	<u>\$ 14,000</u>
	Per Each	Manufacturer	Model	Each
609.30	16" Open Pedestrian Visors	each	50	
	<u>Per Each</u>	<u>Manufacturer</u>	<u>Model</u>	<u>\$</u>
610.00	Rectangular Rapid Flashing Beacon Assembly	lump sum	30	
	<u>\$ 15,000</u>	<u>K + K</u>	<u>EC-RRFB</u>	<u>\$ 450,000</u>
	Per Each	Manufacturer	Model	Each
610.10	RRFB Control Cabinet	each	2	
	<u>\$ 560</u>	<u>K + K</u>	<u>KK161613</u>	<u>\$ 1,120</u>
	Per Each	Manufacturer	Model	Each
610.20	RRFB Controller	each	5	
	<u>\$ 840</u>	<u>K + K</u>	<u>Crosstalk</u>	<u>\$ 4,200</u>
	Per Each	Manufacturer	Model	Each

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Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
610.30	RRFB Solar Charge Controller	each	2	
	<u>\$ 350</u>	<u>k+k</u>	<u>kk solar Controller</u>	<u>\$ \$ 700</u>
	Per Each	Manufacturer	Model	Each
610.35	RRFB 115-Watt Solar Panel	each	10	
	<u>\$ 770</u>	<u>k+k</u>	<u>DS-A1-120/SMSP</u>	<u>\$ \$ 7,700</u>
	Per Each	Manufacturer	Model	Each
610.40	RRFB 105 Ah Battery	each	2	
	<u>\$ 540</u>	<u>k+k</u>	<u>BAT-12-55AX2</u>	<u>\$ \$ 1,080</u>
	Per Each	Manufacturer	Model	Each
610.45	RRFB Wireless Transceiver	each	2	
	<u>\$ 840</u>	<u>k+k</u>	<u>Crosstalk CW-4</u>	<u>\$ \$ 1,680</u>
	Per Each	Manufacturer	Model	Each
610.50	RRFB Crosswalk Illuminator	each	2	
	<u>\$ 630</u>	<u>k+k</u>	<u>NV-FL30 Flood light</u>	<u>\$ \$ 1,260</u>
	Per Each	Manufacturer	Model	Each

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
610.55	RRFB Light Bar	each	10	
	<u>\$ 560</u>	<u>K+K</u>	<u>KKRRFB33x7</u>	<u>\$ 5,600</u>
	Per Each	Manufacturer	Model	Each
610.60	RRFB Audible Push Button	each	10	
	<u>\$ 990</u>	<u>K+K</u>	<u>Guardian AID</u>	<u>\$ 9,900</u>
	Per Each	Manufacturer	Model	Each
610.80	RRFB Pole and Base	each	10	
	<u>\$ 900</u>	<u>P/W K+K</u>	<u>CCTR-15</u>	<u>\$ 9,000</u>
	Per Each	Manufacturer	Model	Each
611.10	APS Intelligent Central Control Unit (ICCU)	each	1	
	<u> </u>	<u> </u>	<u> </u>	<u>\$</u>
	Per Each	Manufacturer	Model	Each
611.12	APS Ped Head Control Unit (IPHCU)	each	50	
	<u> </u>	<u> </u>	<u> </u>	<u>\$</u>
	Per Each	Manufacturer	Model	Each

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
611.16	APS Push Button (2-Wire)	each	8	
	Per Each	Manufacturer	Model	\$ Each
611.18	APS Push Button (3-Wire)	each	50	
	Per Each	Manufacturer	Model	\$ Each
612.01	Traffic Signal Poles-9 ft. Standard	each	25	
	\$380	Pelco	PB-5100-29	\$9,500
	Per Each	Manufacturer	Model	Each
614.50	Mast Arm Bases —Breakaway 20" bolt pattern on bottom (TB4)	each	25	
	Per Each	Manufacturer	Model	\$ Each
614.60	Mast Arm Ornamental Bases Only-Valmont Type	each	5	
	Per Each	Manufacturer	Model	\$ Each

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Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
614.70	Mast Arm Ornamental Bases Only -Union Metal Type	each	5	
	Per Each	Manufacturer	Model	\$ Each
614.80	Aluminum Octagonal Traffic Signal Base w/Threaded Steel Coupling (356 alloy/B-26, Black Powder Coat)	each	25	
	Per Each	Manufacturer	Model	\$ Each
614.89	Opticom Band Mounting Hardware Kits for Mast Arms	each	30	
	Per Each	Manufacturer	Model	\$ Each
614.91	Rigid Mast Arm Hanger Body Assembly (SE-3056 or approved equivalent)	each	10	
	Per Each	Manufacturer	Model	\$ Each

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<Unit Bid Price-Written>	<Manufacturer>	<Model>	<Value>
616.00	12" Red LED Ball Indication	each	50	
	\$\$\$ \$37.00	Leotek	TSL-12R-LY IL6-A1-P3	\$ 185
	Per Each	Manufacturer	Model	Each
616.10	12" Red LED Arrow Indication	each	10	
	\$ 37.00	Leotek	TSL-12RA IL6-A1-P3	\$ 925
	Per Each	Manufacturer	Model	Each
616.20	12" Red LED for 3M Programmable signals	each	10	
				\$
	Per Each	Manufacturer	Model	Each
616.30	12" Green LED Ball Indication	each	50	
	\$37.00	Leotek	TSL-12G-LY IL6-A1-P3 CLR	\$ 185
	Per Each	Manufacturer	Model	Each
616.40	12" Green LED Arrow Indication	each	10	
	\$ 37.00	Leotek	TSL-12GA- IL6-A1-P3-CLR	\$ \$\$\$ 370
	Per Each	Manufacturer	Model	Each

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Item Number	Item Description <Unit Bid Price-Written>	Unit <Manufacturer>	Estimated Qty <Model>	Unit Price <Value>
616.50	12" Green LED For 3M Programmable Signals	each	10	
	Per Each	Manufacturer	Model	\$ Each
616.60	12" Amber LED Ball Indication	each	50	
	<u>\$37.00</u>	<u>Leotek</u>	<u>TSL-12Y-LX IL6-A1-P3-CLR</u>	<u>\$ 1,850</u>
	Per Each	Manufacturer	Model	Each
616.70	12" Amber LED Arrow Indication	each	10	
	<u>\$ 37.00</u>	<u>Leotek</u>	<u>TSL-12YA-IL6 A1-P3-CLR</u>	<u>\$ 370.00</u>
	Per Each	Manufacturer	Model	Each
616.80	12" Amber LED for 3M Programmable Signals	each	10	
	Per Each	Manufacturer	Model	\$ Each

****All materials, supplies, parts, etc. not specifically listed above, but included in our specifications may be procured, at the discretion of the City, by the Contractor and charged to the City of Worcester at a rate not to exceed 10% over the Contractor's net cost. The City may request original copies of the Contractor invoices at any time to confirm said costs.**

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