



The City of
WORCESTER

Department of Transportation & Mobility

BID PRICING SHEETS - CR-8611-J6

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

OCEAN STATE SIGNAL
Bidder Name: _____

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.



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

Bidder Name: OCEAN STATE SIGNAL

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	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	DET0C1	410.00
	Per Each	Manufacturer	Model	\$ Each
602.85	Opticom Detector (700 series) — Two-Way Direction	each	8	
	SIX HUNDRED FORTY DOLLARS	TOMAR	DET0C22	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

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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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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 FIVE THOUSAND SEVEN HUNDRED NINETY	each ITERIS	4 VECTOR NEXT PELCO AG-0175	\$ 5790.00
	Per Each	Manufacturer	Model	Each
604.08	Video Detection Camera Surge Protection Panel THREE HUNDRED SIXTY	each ITERIS	5 NEXT RAD SURGE	\$ 360.00
	Per Each	Manufacturer	Model	Each
604.10	Rack-Mount Video Detection Processor (4-Channel) TWELVE THOUSAND THREE HUNDRED DOLLARS	each ITERIS	1 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 THREE HUNDRED FIVE DOLLARS	each PELCO	25 AG-0175	\$ 290.00
	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.



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

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			<u><Model></u>	<u><Value></u>
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

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

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610.30	RRFB Solar Charge Controller	each	2	
	FOUR HUNDRED NINETY FIVE	TAPCO	3562-00004	
	Per Each	Manufacturer	Model	\$ Each
610.35	RRFB 115-Watt Solar Panel	each	10	
	NINE HUNDRED TWENTY FIVE	TAPCO	SLR-110-BLK	
	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	
	Per Each	Manufacturer	Model	\$ Each
610.45	RRFB Wireless Transceiver	each	2	
	FIVE HUNDRED SEVENTY	TAPCO	149664	
	Per Each	Manufacturer	Model	\$ Each
610.50	RRFB Crosswalk Illuminator	each	2	
	THREE HUNDRED NINETY	TAPCO	143402	
	Per Each	Manufacturer	Model	\$ Each

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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

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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	
	Per Each	Manufacturer	Model	\$ NO BID Each
614.60	Mast Arm Ornamental Bases Only-Valmont Type	each	5	
	Per Each	Manufacturer	Model	\$ NO BID Each
Bidder Name: <u>OCEAN STATE SIGNAL</u>				

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614.70	Mast Arm Ornamental Bases Only -Union Metal Type	each	5	
	Per Each	Manufacturer	Model	\$ NO BID Each
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 Each
	Per Each	Manufacturer	Model	
614.89	Opticom Band Mounting Hardware Kits for Mast Arms	each	30	
	NINETY FIVE DOLLARS	PELCO	AB-0160-62-P33	\$ 95.00 Each
	Per Each	Manufacturer	Model	
614.91	Rigid Mast Arm Hanger Body Assembly (SE-3056 or approved equivalent)	each	10	
	NINETY DOLLARS	PELCO	SE-3056	\$ 90.00 Each
	Per Each	Manufacturer	Model	

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616.00	12" Red LED Ball Indication	each	50	
	SIXTY FIVE DOLLARS	LEOTEK	TS1-12R	65.00
	Per Each	Manufacturer	Model	\$ Each
616.10	12" Red LED Arrow Indication	each	10	
	SIXTY FIVE DOLLARS	LEOTEK	TS12RA	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	TS1-12G	65.00
	Per Each	Manufacturer	Model	\$ Each
616.40	12" Green LED Arrow Indication	each	10	
	SIXTY FIVE DOLLARS	LEOTEK	TS1-12GA	65.00
	Per Each	Manufacturer	Model	\$ Each

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616.50	12" Green LED For 3M Programmable Signals ONE HUNDRED TWENTY	each LEOTEK	10 T05G	 120.00
	Per Each	Manufacturer	Model	\$ Each
616.60	12" Amber LED Ball Indication SIXTY FIVE DOLLARS	each LEOTEK	50 TSL-12Y	 \$ 65.00
	Per Each	Manufacturer	Model	\$ Each
616.70	12" Amber LED Arrow Indication SIXTY FIVE DOLLARS	each LEOTEK	10 TSL-12YA	 \$ 65.00
	Per Each	Manufacturer	Model	\$ Each
616.80	12" Amber LED for 3M Programmable Signals ONE HUNDRED TWENTY	each LEOTEK	10 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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601.00	Controller-TS 2 Type 2	each	15	
	Per Each	Oriux Manufacturer	ATC-1006 Model	\$ 2,500.- Each
601.10	Controller Wiring Harness	each	5	
	Per Each	Oriux Manufacturer	Harness Model	\$ 500- Each
602.00	Controller Cabinet Assembly- Type P-Per Spec	lump sum	3	
	Per Each	Notraffic Oriux Manufacturer	Type P Model	\$ 27,212.- Each
602.05	Controller Cabinet Shell Only, Type P	each	2	
	Per Each	Oriux Manufacturer	Type P Model	\$ N/B Each
602.10	Controller Cabinet Assembly- Type M-Per Spec	lump sum	1	
	Per Each	Notraffic Oriux Manufacturer	Type M Model	\$ 27,000.- Each

Bidder Name: Marlin Controls

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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.



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BID PRICING SHEETS - CR-8611-J6

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



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



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



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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
605.10	Central Control Unit (1-U Rack Mount)	each	1	
	Per Each	<u>Notraffic</u> Manufacturer	<u>Omni 1</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 1</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 1</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.



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BID PRICING SHEETS - CR-8611-J6

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

Bidder Name: Marlin Controls

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Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
609.10	16" Countdown LED Pedestrian Modules	each	100	
	Per Each	Leotek Manufacturer	ISL-Series Model	\$ 130.00 Each
609.30	16" Open Pedestrian Visors	each	50	
	Per Each	Manufacturer	Model	\$ N/B Each
610.00	Rectangular Rapid Flashing Beacon Assembly	lump sum	30	
	Per Each	Manufacturer	Model	\$ N/B Each
610.10	RRFB Control Cabinet	each	2	
	Per Each	Manufacturer	Model	\$ N/B Each
610.20	RRFB Controller	each	5	
	Per Each	Manufacturer	Model	\$ N/B 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.



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

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



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Item Number	Item Description	Unit	Estimated Qty	Unit Price
	<u><Unit Bid Price-Written></u>	<u><Manufacturer></u>	<u><Model></u>	<u><Value></u>
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	Pelco Manufacturer	Model P33	\$ <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: <u>Marlin Controls</u>			

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Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
614.70	Mast Arm Ornamental Bases Only -Union Metal Type	each	5	
	Per Each	Manufacturer	Model	\$ <u>N/B</u> 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	\$ <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.



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BID PRICING SHEETS - CR-8611-J6

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



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



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



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



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



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Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
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: Cander 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.**



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

Bidder Name: Lander 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.



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BID PRICING SHEETS - CR-8611-J6

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



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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
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	
	<u>36.00</u>	<u>McCar-</u>	<u>M19294</u>	<u>\$ 1,800</u>
609.01	16" Countdown LED Pedestrian Signal Heads w/Visors-Complete	each	50	
	Per Each	Manufacturer	Model	\$ Each

Bidder Name: Laender 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.



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BID PRICING SHEETS - CR-8611-J6

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



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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
610.30	RRFB Solar Charge Controller	each	2	
	<u>\$ 350</u> Per Each	<u>K + K</u> Manufacturer	<u>Kk Solar Controller</u> Model	<u>\$ \$ 700</u> Each
610.35	RRFB 115-Watt Solar Panel	each	10	
	<u>\$ 770</u> Per Each	<u>K + K</u> Manufacturer	<u>DS-A1-120/snsp -D-120</u> Model	<u>\$ \$ 7,700</u> Each
610.40	RRFB 105 Ah Battery	each	2	
	<u>\$ 540</u> Per Each	<u>K + K</u> Manufacturer	<u>13AT-12-55AX²</u> Model	<u>\$ \$ 1,080</u> Each
610.45	RRFB Wireless Transceiver	each	2	
	<u>\$ 840</u> Per Each	<u>K + K</u> Manufacturer	<u>Crossstalk CW-4</u> Model	<u>\$ \$ 1,680</u> Each
610.50	RRFB Crosswalk Illuminator	each	2	
	<u>\$ 630</u> Per Each	<u>K + K</u> Manufacturer	<u>NV-FL³⁰ Flood light</u> Model	<u>\$ \$ 1,260</u> Each

Bidder Name: Camden White

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
610.55	RRFB Light Bar	each	10	
	<u>\$ 560</u> Per Each	<u>k+k</u> Manufacturer	<u>KRRFB33x7</u> Model	<u>\$ 5,600</u> Each
610.60	RRFB Audible Push Button	each	10	
	<u>\$ 990</u> Per Each	<u>k+k</u> Manufacturer	<u>Guardian AID</u> Model	<u>\$ 9,900</u> Each
610.80	RRFB Pole and Base	each	10	
	<u>\$ 900</u> Per Each	<u>Pasco K+k</u> Manufacturer	<u>CCTR-15</u> Model	<u>\$ 9,000</u> Each
611.10	APS Intelligent Central Control Unit (ICCU)	each	1	
	Per Each	Manufacturer	Model	\$ _____ Each
611.12	APS Ped Head Control Unit (IPHCU)	each	50	
	Per Each	Manufacturer	Model	\$ _____ Each

Bidder Name: Lauren 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.



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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
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-5100-59	\$ 9,500
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
	Bidder Name: <u>James White</u>			

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.



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BID PRICING SHEETS - CR-8611-J6

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

Bidder Name: Lauren 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>
616.00	12" Red LED Ball Indication	each	50	
	\$37.00	Leotek	TSL-12R-LX 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	
616.30	12" Green LED Ball Indication	each	50	
	\$37.00	Leotek	TSL-12G-LX IL6-A1-P3	\$ 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

Bidder Name: Cander White

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BID PRICING SHEETS - CR-8611-J6

Item Number	Item Description <u><Unit Bid Price-Written></u>	Unit <u><Manufacturer></u>	Estimated Qty <u><Model></u>	Unit Price <u><Value></u>
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> Per Each	<u>Leotek</u> Manufacturer	<u>TSL-12Y-LX</u> <u>IL6-A1-P3-CLR</u> Model	<u>\$ 1,850</u> Each
616.70	12" Amber LED Arrow Indication	each	10	
	<u>\$ 37.00</u> Per Each	<u>Leotek</u> Manufacturer	<u>TSL-12YA-IL6</u> <u>A1-P3-CLR</u> Model	<u>\$ 370.00</u> 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.**

Bidder Name: Cander Whik

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.