



TOWN OF SHARON
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MEMORANDUM

TO: All Bidders

FROM: Peter O'Cain, P.E., Town Engineer, pocain@townofsharon.org

DATE: August 30, 2023

SUBJECT: Addendum #1 South Main Street Traffic Signal Components Bid

To All Bidders:

Addendum #1 of the South Main Street Traffic Signal Components Bid is as follows:

General Bids for the South Main Street Traffic Signal Components, Contract 2023-30 in Sharon, MA, will be received until Tuesday September 5th at 2:00 p.m. EST. The bid opening will be held virtually on Wednesday, September 6th at 2:00 PM EST.

TRAFFIC CONTROL SIGNAL, MAJOR ITEMS LIST			TRAFFIC CONTROL SIGNAL, MAJOR ITEMS LIST			
PAY ITEM	QUANTITY	ITEM	PAY ITEM	QUANTITY	ITEM	
81501 TRAFFIC CONTROL SIGNAL LOCATION NO. 1		NEMA TS2 - TYPE 1, 8 PHASE CONTROLLER WITH CABINET & FOUNDATION W/ CONCRETE PAD.	81502 TRAFFIC CONTROL SIGNAL LOCATION NO. 2	1	NEMA TS2- TYPE I, 8 PHASE CONTROLLER WITH CABINET & FOUNDATION W/ CONCRETE PAD.	
		SERVICE CONNECTION (OVERHEAD)		1	45 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY	
	1	25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY		1	35 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY	
	1	30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY		2	30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY	
	2	35 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY		1	20 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY	
	3	10 FT SIGNAL POLE, BASE & FDN.		1	10 FT SIGNAL POLE, BASE	
	1 2	1 WAY, 3 SECTION SIGNAL HOUSING (12' LED.)		1	18 FT SIGNAL POLE, BASE	
	2	VIDEO VEHICLE DETECTION SYSTEM CAMERA (INCLUDING ADVANCE CAMERA)				
		PRE - EMPTION PHASE SELECTOR CARD RACK				
	2	PRE - EMPTION PHASE SELECTOR MODULE-DUAL CHANNEL				
	3	1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR				
	2	CONFIRMATION STROBE (CLEAR)				
		SPREAD SPECTRUM RADIO 8. ANTENNA FOR COORDINATION COMMUNICATION SYSTEM				
	1 2	SIN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER				
		R&S EXISTING FLASHING BEACON & ASSOCIATED EQUIPMENT				
		Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation				
	8 0 4 . 3			3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)		
8 1 1 . 2 2	1	ELECTRIC HANDHOLE -502.022				
8 1 1 . 3 1	6	12' x 12' PULL BOX SD2.031				
TRAFFIC CONTROL SIGNAL, MAJOR ITEMS UST			TRAFFIC CONTROL SIGNAL, MAJOR ITEMS LIST			
PAY ITEM	QUANTITY	ITEM	PAY ITEM	QUANTITY	ITEM	
81503 TRAFFIC CONTROL SIGNAL LOCATION NO. 3	1	NEMA TS2 -TYPE 1, 8 PHASE CONTROLLER WITH CABINET & FOUNDATION W/ CONCRETE PAD.	8 0 4 . 3	3	3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)	
	1	ON-STREET MASTER CONTROLLER UNIT	8 1 1 . 2 2	2	ELECTRIC HANDHOLE - S02.022	
	1	SERVICE CONNECTION (OVERHEAD)	8 1 1 . 3 1	1	7 12' x 12' PULL BOX S02.031	
	1	45 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY	TRAFFIC CONTROL SIGNAL, MAJOR ITEMS LIST			
	1	50 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY	81504 TRAFFIC CONTROL SIGNAL LOCATION NO. 4			
	1	30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY		1		NEMA TS2 - TYPE 1, 8 PHASE CONTROLLER WITH CABINET
	1	25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY		1		SERVICE CONNECTION (OVERHEAD)
	3	A FT SIGNAL POLE, BASE 8.		1		25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FON.
	2	10 FT SIGNAL POLE, BASE		1		35 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FON.
	2	VIDEO VEHICLE DETECTION SYSTEM CAMERA		1		10 FT SIGNAL POLE
	1	PRE - EMPTION PHASE SELECTOR CARD RACK		4		8 FT SIGNAL POLE
	2	PRE - EMPTION PHASE SELECTOR MODULE- DUAL CHANNEL		1		VIDEO VEHICLE DETECTION SYSTEM (CAMERA)
	4	1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR		1		PRE - EMPTION PHASE SELECTOR CARD RACK
	1	CONFIRMATION STROBE (CLEAR)		2		PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEL
	1 2	1 WAY, 3 SECTION SIGNAL HOUSING (12' LED.)		3		1 - CHANNEL, 1 -DIRECTION, OPTICAL DETECTOR
	4	1 WAY, 4 SECTION SIGNAL HOUSING (12' LED.)		1		CONFIRMATION STROBE (CLEAR)
	6	COUNTDOWN PEDESTRIAN SIGNAL HOUSING- 16' L.E.O. W/ R10-3e (L_ R) CROSSING SIGNS		4		1 WAY, 3 SECTION SIGNAL HOUSING (12' L ED.)
6	PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS)	1			2 WAY, 4 SECTION & 3 SECTION SIGNAL HOUSING (12' LED.)	
1	SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM	4			COUNTDOWN PEDESTRIAN SIGNAL HOUSING (16' LED)	
1 6	5 IN. LOWERED BACK PLATES WI 2 IN. RETROREFLECTIVE YELLOW BORDER	4			PEDESTRIAN PUSH BUTTON, SIGN AND SADDLE (APS) W/ R102e (L, R) CROSSING SIGNS	
	NOTE: *All four locations: All necessary duct, cable, miscellaneous material (see plans for requirements, lengths)	1			SPREAD SPECTRUM FLAME) & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM	
8 0 4 . 3		3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)	6		5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER	
8 1 1 . 2 2	2	ELECTRIC HANDHOLE - S132.022			3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) see plan for length	
8 1 1 . 3 1	4	12' x 12' PULL BOX SD2.031	8 1 1 . 2 2	1	ELECTRIC HANOI-IC:1E - SD2.022	
			8 1 1 . 3 1	4	12'x 12' PULL BOX SD2.031	