

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 04210507 Call Order: 007 Proposal: E4U99 District:04

Counties: BROWARD

Road Name: SR-822/SHERIDAN STREET OVER INTRACOASTAL WATERWAY BRIDGE

Limits: 86230000

Project(s): 44146215201(*) Federal Aid No: N/A

Total Roadway Length: 0.226 Miles Contract Days: 228

Total Bridge Length: 0.067 Miles Letting Date: 05/07/21

Total Proposal Length: 0.293 Miles Contract Execution Days:
Special Start Date: N/A
Aquis/Flexible Start Time: 120

Proposal Budget Estimate: \$10,269,081.00

Please read the full advertisement

Description: Incentive / Disincentive

The Improvements under this Contract consist of , but are not limited to, moveable bridge No. 860043 repair/rehabilitation (control house upgrade, electrical systems upgrade, mechanical systems upgrade, improved access for inspection and maintenance, emergency generator system upgrade, counterweight adjustments), submarine cable, monitoring existing structures (inspection and settlement, vibration), concrete (bridge superstructure, cleaning and coating, epoxy overlay, crack repair, sidewalk and driveways, traffic railing, shoulder barrier), milling and resurfacing, lighting (luminaires), structural steel (coating, rehabilitation), ladders and platforms, railings, guardrail, signing (single-post, panel), pavement markings (painted, thermoplastic, permanent tape, signalization (steel mast arm, signals, cable), and sidewalk grating along State Road 822 (Sheridan Street) over the Intracoastal Waterway, for 0.113 miles in Broward County.

PRE-QUALIFIED: Contractor need to be pre-qualified.

PERFORMANCE BOND: A Contract / Performance bond is required for this project.

ALTERNATIVE BIDDING (8-13)

The Department desires to expedite construction on this Contract to minimize the inconvenience to the traveling public and to reduce the time of construction. In order to achieve this, an incentive - disincentive provision is established for the Contract. The total "incentive payment" or disincentive deduction shall not exceed \$300,000.00.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	225.000
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (44146215201 860043)	LS	1.000
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	13.500
	0400-143-	CLEANING & COATING CONCRETE SURFACE, CLASS 5	SF	8,735.000
	0401- 70- 2	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- STYRENE BUTADIENE	CF	10.000
	0403- 1- 17	EPOXY CONCRETE OVERLAY FOR CONCRETE BRIDGE DECKS, PROJECT 441462-1-52-01	SY	1,028.000
	0403- 2- 17	RESTORE SPALLED AREAS FOR CONCRETE BRIDGE DECKS, PROJECT 441462-1-52-01	CF	10.000
	0411- 1-	EPOXY MATERIAL FOR CRACK INJECTION- STRUCTURES REHAB	GA	1.000
	0411- 2-	CRACKS INJECT & SEAL- STRUCTURES REHAB	LF	11.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	1,600.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	224.000
	0460- 1- 5	STRUCT STEEL - REHABILITATION, BASCULE LEAVES	LB	71,304.000

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	0460- 1- 6	STRUCT STEEL - REHABILITATION, BASCULE PIERS	LB	7,231.000
	0460- 1- 13	STRUCTURAL STEEL REHAB- BOLTS, NUTS, WASHERS & PLATES	LB	100.000
	0460- 1- 15	STRUCTURAL STEEL - REHABILITATION, MISCELLANEOUS	LB	6,473.000
	0460- 6- 2	LADDERS & PLATFORMS, REHAB	LB	12,885.000
	0460- 71- 2	METAL TRAFFIC RAILING, STEEL POST AND RAIL	LF	220.000
	0465- 2-105	MOVABLE BRIDGE MACHINERY & CASTING-REHABILITATION, F&I SPAN LOCKS	AS	2.000
	0465- 2-108	MOVABLE BRIDGE MACHINERY & CASTING-REHABILITATION, F&I LIVE LOAD SHOES (44146215201 860043)	LS	1.000
	0465- 2-154	MOVABLE BRIDGE MACHINERY & CASTING-REHABILITATION, F&I HYDRAULIC POWER PACK	EA	2.000
	0465- 2-404	MOVABLE BRIDGE MACHINERY & CASTING-REHABILITATION, RECONDITION, TRUNION ASSEMBLY	EA	4.000
	0465- 2-452	MOVABLE BRIDGE MACHINERY & CASTING-REHABILITATION, RECONDITION, HYDRAULIC CYLINDER	EA	8.000
	0465- 2-605	MOVABLE BRIDGE MACHINERY & CASTING-REHABILITATION, REMOVE & DISPOSE-CONTRACTOR OWNS, SPAN LOCKS	AS	2.000
	0465- 2-608	MOVABLE BRIDGE MACHINERY & CASTING-REHABILITATION, REMOVE & DISPOSE-CONTRACTOR OWNS, LIVE LOAD SHOES (44146215201 860043)	LS	1.000
	0465- 2-654	MOVABLE BRIDGE MACHINERY & CASTING-REHABILITATION, REMOVE & DISPOSE-CONTRACTOR OWNS, HYDRAULIC POWER PACK	EA	2.000
	0465- 3- 17	MOVABLE BRIDGE COUNTERWEIGHT, F&I, BALANCE BLOCKS	EA	1,400.000
	0465- 3- 50	MOVABLE BRIDGE COUNTERWEIGHT, ADJUST	EA	2.000
	0465- 20-	MOVABLE BRIDGE- PREVENTATIVE MAINTENANCE & ROUTINE REPAIR (44146215201 860043)	LS	1.000
	0465- 21-	MOVABLE BRIDGE OPERATOR	DA	228.000
	0465- 71- 3	MOVABLE BRIDGE FUNCTIONAL CHECKOUT, PHASE C (44146215201 860043)	LS	1.000
	0507- 70-	ALUMINUM SIDEWALK FLOOR	SF	1,240.000
	0508- 2- 1	MOVABLE BRIDGE GATE, F&I	AS	4.000
	0508- 3- 6	MOVABLE BRIDGE - SIGNAL, REMOVE & DISPOSE	AS	2.000
	0508- 4-	MOVABLE BRIDGE ELECTRICAL EQUIPMENT, REHABILITATION (44146215201 860043)	LS	1.000
	0508- 72- 1	MOVABLE BRIDGE EMERGENCY GENERATOR , FURNISH & INSTALL	AS	2.000
	0508- 72- 4	MOVABLE BRIDGE EMERGENCY GENERATOR , REMOVE	AS	1.000
	0508- 73- 1	SUBMARINE CABLE ASSEMBLY, FURNISH & INSTALL (44146215201 860043)	LS	1.000
	0508- 73- 4	SUBMARINE CABLE ASSEMBLY, REMOVE (44146215201 860043)	LS	1.000
	0508- 76- 1	MOVABLE BRIDGE - REHAB, SPAN MOTORS & CONTROLLERS , F&I (44146215201 860043)	LS	1.000
	0508- 76- 4	MOVABLE BRIDGE - REHAB, SPAN MOTORS & CONTROLLERS , REMOVE (44146215201 860043)	LS	1.000
	0508- 78- 1	MOVABLE BRIDGE-REHAB, LIMIT SWITCHES & TRANSDUCERS F&I (44146215201 860043)	LS	1.000
	0508- 78- 4	MOVABLE BRIDGE-REHAB, LIMIT SWITCHES & TRANSDUCERS REMOVE (44146215201 860043)	LS	1.000
	0508- 79- 1	MOVABLE BRIDGE-REHAB, CONTROL CONSOLE, F&I	EA	1.000
	0508- 79- 4	MOVABLE BRIDGE-REHAB, CONTROL CONSOLE, REMOVE	EA	1.000

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	0508- 82- 1	MOVABLE BRIDGE-REHAB, CONTROL PANEL - MOTOR CONTROLLER, F&I	EA	1.000
	0512- 1- 1	MOVABLE BRIDGE-CONTROL HOUSE, RENOVATE (44146215201 860043)	LS	1.000
	0515- 2-313	PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 3	LF	865.000
	0521- 5- 4	CONCRETE TRAFFIC RAILING- BRIDGE, 32" VERTICAL FACE	LF	480.000
	0561- 1-	COATING EXISTING STRUCTURAL STEEL (44146215201 860043)	LS	1.000
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	2.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (44146215201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44146215201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	20.000
	0102- 60-	WORK ZONE SIGN	ED	16,134.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	15,744.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	6,300.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	456.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,864.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	228.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	228.000
	0102-115-	TYPE III BARRICADE	ED	3,624.000
	0104- 10- 3	SEDIMENT BARRIER	LF	2,641.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	18.000
	0107- 1-	LITTER REMOVAL	AC	37.370
	0107- 2-	MOWING	AC	25.300
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44146215201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44146215201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44146215201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	391.000
	0120- 1-	REGULAR EXCAVATION	CY	5.600
	0120- 6-	EMBANKMENT	CY	1.400
	0160- 4-	TYPE B STABILIZATION	SY	57.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	57.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	5,644.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	470.000
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	2.200
	0425- 5-	MANHOLE, ADJUST	EA	1.000
	0425- 6-	VALVE BOXES, ADJUST	EA	4.000
	0515- 2-313	PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 3	LF	292.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	406.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	76.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	58.000

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ALT	Item	Description	Unit	Quantity
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	386.000
	0536- 1- 0	GUARDRAIL -ROADWAY, GENERAL/LOW SPEED TL-2	LF	186.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	159.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	219.000
	0536- 7- 4	SPECIAL GUARDRAIL POST- FRANGIBLE LEAVE-OUT FOR MOUNTING THROUGH CONCRETE SURFACE	EA	40.000
	0536- 8-111	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APPROACH TL-2	EA	2.000
	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APPROACH TL-3	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	383.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	2.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0544- 3- 1	CRASH CUSHION, TL-3, NARROW	EA	1.000
	0570- 1- 1	PERFORMANCE TURF	SY	458.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.220
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.080
	0999- 16-	PARTNERING, DO NOT BID (44146215201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44146215201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	8.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	14.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	9.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44146215201)	LS	1.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	65.000
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	3.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	10.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	3.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	3.000
	0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	4.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.555
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10'-30' SKIP OR 3-9' LANE DROP	GM	0.247
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.117
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.087
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.076
	0713-103-133	PERMANENT TAPE, WHITE, SKIP, 12" WIDE 3'-9' DROP LANE ON CONCRETE SURFACES	GM	0.022
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.087
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.076
	0713-103-333	PERMANENT TAPE, BLACK, 3'-9' DROP LANE, 12" ON CONCRETE SURFACES	GM	0.022

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ALT	Item	Description	Unit	Quantity
	Section 0004 Lighting			
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2.000
	Section 0005 Signalization			
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	50.000
	0632- 7- 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	50.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	7.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	1.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	2.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	1.000