

FRANJO ROAD ROADWAY IMPROVEMENTS PROJECT

Town of Cutler Bay

Florida Town Project ITB

No. 23-10

BID FORM

The following Bid is presented to assist the Town in evaluating the Bid. The Total Bid Amount will include all items described in the Bid Documents. Bid unit prices stated in this proposal include all costs and expenses for labor, equipment, materials, swale restoration, clearing and grubbing, demolition, debris removal, disposal, root pruning, preparation, compaction, restoration, temporary striping, inlet protection (Baled Hay, Straw, or Filter Fabric), contractor’s overhead and profit. Unit prices for the various work items are intended to establish a total price for completing the project in its entirety. At the end of the project the contractor shall furnish as-built plans signed and sealed by a professional land surveyor to the Town of Cutler Bay. The contractor shall include in the Bid price any work item and materials for which a separate pay item has not been included in the Bid Form. All work and incidental costs shall be included for payment under the several scheduled items of the overall contract, and no separate payment will be made thereof.

Payment shall be made on the basis of Work actually performed and completed.

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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<u>General Items</u>					
101-1	Mobilization	1	LS	\$	\$
102-1	Maintenance of Traffic and Access	1	LS	\$	\$
110-1-1	Clear and Grubbing	1	LS	\$	\$
104-1	Prevention, Control and Abatement of Erosion and Water Pollution	1	LS	\$	\$
110-8	Back of Sidewalk Restoration	1	LS	\$	\$
120-1	Regular Excavation	20,293	CY	\$	\$
120-6	Embankment	3,098	CY	\$	\$
160-40	Type "B" Stabilization (12") (Min. L.B.R. 40)	48,148	SY	\$	\$
210-1-2	Limerock Base (8") (Primed)	44,666	SY	\$	\$
327-70-5	Milling Existing Asphalt Pavement, 2" Avg. Depth	576	SY	\$	\$
334-2-13	Type Structural Course HWA (Traffic C) (2")	4,771	TN	\$	\$
337-7-83	Friction Course Type FC-9.5 HWA (1" Thick)	2,386	TN	\$	\$
425-110	Modify Existing Gutter Inlet to Manhole (Cover)	4	EA	\$	\$
425-6	Adjust Existing Valve Boxes, Mail-Boxes, Meter Boxes, Fire Hydrants Relocation, Manhole Covers and Catch Basins	1	LS	\$	\$
425-1-201	Inlets, Curb, Type P-9,42"x42", <10'	3	EA	\$	\$
425-1-201	Inlets, Curb, Type P-9,48" ø,<10'	13	EA	\$	\$
425-1-203	Inlets, Curb, Type J-9, 60"ø, <10'	5	EA	\$	\$
425-1-600F	Inlets, Curb, Type P-10M, 48"ø, <10' (including frame & grate)	25	EA	\$	\$

425-1-602	Inlets, Curb, Type J-10M, 60"ø, <10' (including frame & grate)	3	EA	\$	\$
425-1-331	Inlets, Curb, Type P-3, 48" ø, <10'	6	EA	\$	\$
425-1-341	Inlets, Curb, Type P-4, 48" ø, <10'	5	EA	\$	\$
425-1-351	Inlets, Curb, Type P-5, 48" ø, <10'	10	EA	\$	\$
425-1-361	Inlets, Curb, Type P-6, 42"x42" <10'	2	EA	\$	\$
425-1-361	Inlets, Curb, Type P-6, 48" ø <10'	23	EA	\$	\$
425-1-461	Inlets, Curb, Type J-6, 60"ø, <10'	2	EA	\$	\$
425-1-541	Inlets, Type D, <10'	1	EA	\$	\$
425-2-41	Manholes, P-7T, 48"ø, <10'	3	EA	\$	\$
425-2-72	Manholes, J-7T, 60"ø, <10'	39	EA	\$	\$
430-175-115	Pipe Culvert, Optional Material, Round, 15" S/CD (FDOT Approved 100 Year Design Service)	3,721	LF	\$	\$
430-175-124	Pipe Culvert, Optional Material, Round, 24" S/CD (FDOT Approved 100 Year Design Service)	160	LF	\$	\$
430-175-136	Pipe Culvert, Optional Material, Round, 36" S/CD (FDOT Approved 100 Year Design Service)	1,335	LF	\$	\$
443-70-36	Exfiltration Drain, 36" (Includes Ballast Rock, Trench & Plastic Filter Fabric)	6,549	LF	\$	\$
520-1-10A	Concrete Curb & Gutter, Type "F" (includes cost of limerock)	21,538	LF	\$	\$
520-2-12	Concrete Curb, Type "D" (includes cost of limerock)	4,353	LF	\$	\$
520-2-8A	Concrete Curb, Type "RA" (includes cost of limerock)	375	LF	\$	\$
522-1-1	Concrete Sidewalk Reconstruction (4" Thick) Category 1	8,288	SY	\$	\$
522-2	Concrete Sidewalk Reconstruction (6" Thick, 3,000 PSI @ 28 days)	8,680	SY	\$	\$
522-4E	Concrete Slab for Bus Shelter (8" Thick)	178	SY	\$	\$
522-8E	Concrete Crosswalk (12" Thick)	1,247	SY	\$	\$
523-1-3	Green Patterned Pavement	154	SY	\$	\$
526-1-1	Concrete Paver Road Surface (including Pavers, Concrete Slab, Compaction)	293	SY	\$	\$
527-1	Detectable Warning Surface	104	SY	\$	\$
700-1-40	Sign Single Post(R1-1/D3-1) (Stop Sign) (Intersecting Street Names)	20	EA	\$	\$
700-1-40	Sign Single Post(D1-1d) (Street Names) (Less than 12 SQ.FT.)	7	EA	\$	\$
700-1-40	Sign Single Post (R1-2) (Yield Sign) (Less than 12 SQ.FT.)	9	EA	\$	\$
700-1-40	Sign Single Post(R2-1) (Speed Limit) (Less than 12 SQ. FT.)	16	EA	\$	\$
700-1-40	Sign Single Post (R3-17) (Bike Lane) (Less than 12 SQ. FT.)	22	EA	\$	\$
700-1-40	Sign Single Post (R3-17/R2-17A) (Bike Lane) (Ahead) (Less than 12 SQ. FT.)	1	EA	\$	\$
700-1-40	Sign Single Post (R3-17/R2-17B) (Bike Lane) (Ends) (Less than 12 SQ. FT.)	7	EA	\$	\$

700-1-40	Sign Single Post (R4-11) (Bike may Use Full Lane) (Less than 12 SQ. FT.)	1	EA	\$	\$
700-1-40	Sign Single Post (R4-7/OM1-3) (Keep Right) (Object Marker) (Less than 12 SQ. FT.)	7	EA	\$	\$
700-1-40	Sign Single Post (W2-6/W13-1) (Traffic Circle) (15 MPH Speed Limit) (Less than 12 SQ. FT.)	7	EA	\$	\$
700-1-40	Sign Single Post(S1-1/W16-9P) (School Crossing) (Ahead) (Less than 12 SQ. FT.)	1	EA	\$	\$
700-1-40	Sign Single Post(W11-2/W16-7PL) (Crossing Sign) (Arrow) (Less than 12 SQ. FT.)	18	EA	\$	\$
700-1-40	Sign Single Post(W11-2/W16-9P) (School Crossing) (Ahead) (Less than 12 SQ. FT.)	1	EA	\$	\$
700-1-40	Sign Single Post(R6-4) (Roundabout Directional Chevron) (Less than 12 SQ. FT.)	7	EA	\$	\$
700-1-40	Sign Single Post (Emergency Evacuation Bus Pick-up Sign)	1	EA	\$	\$
700-1-50	Relocate Existing Sign (Single Post)	12	EA	\$	\$
706-3	Reflective Pavement Marker (See Plans for Details)	748	EA	\$	\$
711-11-120	Thermoplastic, White, Solid, 6"	13,365	LF	\$	\$
711-11-123	Thermoplastic, White, Solid, 12"	2,355	LF	\$	\$
711-11-125	Thermoplastic, White, Solid, 24"	1,145	LF	\$	\$
711-11-221	Thermoplastic, Yellow, Solid, 6"	9,410	LF	\$	\$
711-11-224	Thermoplastic, Yellow, Solid, 18"	290	LF	\$	\$
711-11-241	Thermoplastic, Yellow, 10'-30' Skip, 6"	5,665	LF	\$	\$
711-11-141	Thermoplastic, White, 2'-4' Skip, 6"	764	LF	\$	\$
711-11-141	Thermoplastic, White, 2'-2' Dotted, 6"	110	LF	\$	\$
711-11-160	Thermoplastic, White, Message (See Plans for Details)	39	EA	\$	\$
711-11-180	Thermoplastic, White, Yield Line	85	LF	\$	\$
Sub-Total Roadway Items					\$

LANDSCAPE ITEMS					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
575-1	Landscaping Plans (including trimming of existing trees as necessary, root pruning, grading as necessary, new planting of trees, plants, shrubs, tree removals, tree relocations, tree protection, mulch, watering, warranty, etc.)	1	LS	\$	\$
575-2	Sodding (including watering, warranty)	13,210	SY	\$	\$
Sub-Total Landscape Items					\$

SIGNALIZATION ITEMS					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
630-2-12	Conduit (Under Pavement) Furnish & Install Directional Bore	357	LF	\$	\$
635-2-11	Pull Boxes, Furnish & Install, 13"x24" Cover Size	5	EA	\$	\$
646-1-11	Aluminum Signal Pedestrian Pole, Furnish & Install	2	EA	\$	\$
646-1-12	Aluminum Signal Pole, Furnish & Install	2	EA	\$	\$
650-1-18	Furnish and Install Traffic Head (1 Way, 5 sections) (Backplates included)	2	AS	\$	\$
660-2-106	Loop Assembly, Furnish & Install (Type F, 6'x30')	4	EA	\$	\$
650-1-60	Remove Traffic Head (1 way, 3 sections)	2	AS	\$	\$
650-1-74	Relocate Traffic Head (1 way, 3 sections)	2	AS	\$	\$
665-1-60	Remove Pedestrian Detector	2	EA	\$	\$
		<i>Sub-Total Signalization Items</i>			\$

ELECTRICAL ITEMS					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
630-2-11	Conduit, F&I, Open Trench	13,421	LF	\$	\$
630-2-12	Conduit, F&I, Directional Bore	2,332	LF	\$	\$
635-2-11	Pull & Splice Box, F&I, 13"x24" Cover Size	126	EA	\$	\$
639-1-121	Electrical Power Service, F&I, Underground, Meter Furnished by Power Company	2	AS	\$	\$
639-2-16	Electrical Service Wire, F&I	900	LF	\$	\$
639-3-12	Electrical Service Disconnect, F&I, Pole Mount	2	EA	\$	\$
641-2-11	Prestressed Concrete Pole, F&I, Type P-II Pedestal	2	EA	\$	\$
715-1-12	Lighting Conductors, F&I, Insulated, No. 8 to No. 6	56,679	LF	\$	\$
715-7-11G	Load Center, F&I, Secondary Voltage	2	EA	\$	\$
700-7-212	Dynamic Message Sign, Furnish & Install, WO-UPS, Monochrome (Including foundation, rock cladding, utility connection)	2	EA	\$	\$
715-500-1C	Pole Cable Distribution System, F&I, Conventional	94	EA	\$	\$

715-511-140	Light Pole Complete, Special Design, F&I, Single Arm Shoulder Mount, Aluminum, 40'	92	EA	\$	\$
715-516-115	Light Pole Complete, Special design (Furnish & Install, Pole Top Mount, Aluminum and 15 feet Mounting Height)	2	EA	\$	\$
715-521-140	Spare Light Pole Assembly	18	EA	\$	\$
715-69-000	Removal of exist. Street Light Fixture (Optional to be used at Town discretion)	33	EA	\$	\$
				Sub-Total Electrical Items	
				\$	

MISCELLANEOUS ITEMS					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
750	Furnish & Install Bus Shelter Complete (Including bicycle bollard, trash receptacle and bench)	12	EA	\$	\$
750*	Additional Bench (same style as Bus Shelter Bench) (including concrete slab)	6	EA	\$	\$
800-7	Permit Allowance	1	LS	\$25,000.00	\$25,000.00
800-8	Off Duty Police Allowance	1	LS	\$100,000.00	\$100,000.00
980	Safety Act	1	LS	\$1,000.00	\$1,000.00
999	Contingency	1	LS	\$1,500,000.00	\$1,500,000.00
				Sub-Total Miscellaneous Items	
				\$	
GRAND TOTAL					\$

BASE BID AMOUNT: \$ _____

BASE BID AMOUNT (IN WORDS): _____

BID ITEM NOTES

- 101-1** Is a lump sum pay item for all mobilization costs. Includes all costs associated with leasing of staging area. Includes the construction of two (2) project signs that shall be displayed at each approach to the work zone of the project area. The intent is that the signs will be freestanding. The sign shall display on both sides the project name, town logo, elected officials, engineer, and contact information. Shop drawings must be submitted for approval prior to ordering the projects signs. Photos of the actual project signs must be submitted for approval prior to installation of the project signs.
- 102-1** To be accomplished in accordance with the Florida Department of Transportation index 600 series, the manual of uniform traffic control devices for streets and highways, U.S. Department of Transportation Federal Highway Administration (ANSI D6 1-1978), Public Works Manual of Metropolitan Dade County, and the latest revisions of the afore mentioned manuals. Includes the cost of furnishing, installing, maintaining, and removing all items of maintenance of traffic not paid for under separate items including but not limited to signs, barricades, flashing lights, traffic signal modification for traffic control, etc.
- 110-1-1** Includes removal of existing pavement, base, sub-grade concrete sidewalk, driveways, curb and gutter, drainage structures, slab covered trench and pipes, miscellaneous concrete, vegetation, trees, and debris to be disposed of in legal areas provided by the contractor. Includes the cost of cleaning out all existing drainage structures which are to remain within the limits of construction. For portions of existing drainage pipe that are under existing trees to remain shall be plugged with brick and mortar at each end and abandoned in place.
- 425-1** Cost of baffle, materials, metal pipe encasement, inlet and manhole pavement and base, labor & construction shall be included in cost of structures.
- 425-6** Within pavement area, all existing valves, manhole covers, utility boxes etc. Are to be adjusted to finished grade. All meter boxes within sidewalks shall be adjusted and replaced as needed to construct the new sidewalk. Fire hydrants shall be relocated away from the street as shown on the plans. All mailboxes in conflict with construction shall be protected and relocated as required; this includes temporarily during construction as needed. These items are contingent upon field conditions and may be increased, decreased, or eliminated by the engineer.
- 443-70-4** Includes the cost of excavation to plan elevation, perforated pipe, pea rock ballast rock, plastic filter fabric and backfilling with select fill (see detail of exfiltration drain to determine non-perforated pipe quantity) and all applicable items required to construct exfiltration drain.
- 520-1-10** Includes drop curb at driveways and 3 ft of curb ending as directed by the engineer.
- 522-2** Estimated quantity for driveways to be constructed at locations shown in the plans and/or as directed by the engineer.
- 522-2** All sidewalk ramps at intersections shall be 6" thick. All existing 5' wide sidewalks at right-of-way of new driveways shall be reconstructed to 6" thick concrete.

527-1 Detectable warning surface must be safety yellow and imbedded in concrete, and from the most recent of tested products.

- a. Use detectable warnings listed on the FDOT approved products list (APL) and that have been further evaluated and found acceptable by the department. At the option of the contractor, an “or equal” product evaluation request, for an equivalent FDOT APL approved product that meets or exceeds the specification stipulated herein, may be submitted in writing to the engineer for review and acceptance.
- b. The following products, subject to continued listing on the FDOT APL, have been evaluated by the department for use on department projects:

SURFACE APPLIED DETECTABLE WARNING DEVICES		
MANUFACTURER	PRODUCT	APL NUMBER
ENGINEERED PLASTICS, INC.	ARMOR-TILE SURFACE APPLIED INLINE DOME	527-000-006

EMBEDDED DETECTABLE WARNING DEVICES		
MANUFACTURER	PRODUCT	APL NUMBER
ADA SOLUTIONS, INC.	CAST-IN-PLACE COMPOSITE TACTILE	527-000-003
ADA SOLUTIONS, INC.	REPLACEABLE WET SET COMPOSITE	527-000-018
ENGINEERED PLASTICS, INC	ARMOR-TILE REPLACEABLE CAST IN PLACE	527-000-026
ENGINEERED PLASTICS, INC.	ARMOR-TILE CAST-IN-PLACE INLINE DOME TILE	527-000-027
CAPE FEAR SYSTEMS, LLC	ALERTCAST (REPLACEABLE) CAST-IN-PLACE	527-000-029
ACCESS PRODUCTS, INC.	ACCESS TILE REPLACEABLE CAST IN PLACE	527-000-033
STRONGGO INDUSTRIES	TEKWAY DOME TILE	527-000-035
TUFTILE, INC	TUFTILE CAST IRON (WET-SET) REPLACEABLE	527-000-044

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