



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

1000 Northwest 111 Avenue
Miami, FL 33172

STEPHANIE C. KOPELOUSOS
SECRETARY

ADDENDUM #1
DATED August 4, 2010

FAILURE TO ACKNOWLEDGE RECEIPT OF THIS DOCUMENT MAY RESULT IN YOUR PROPOSAL BEING DECLARED NON-RESPONSIVE

PROJECT/PROPOSAL NUMBER: E6G39 (PUSH-BUTTON)
 FINANCIAL PROJECT NUMBER: 423860-2-72-01
 CONTRACT NUMBER: E6G39 (PUSH-BUTTON)
 COUNTY(IES): MIAMI-DADE
 LETTING DATE/TIME: AUGUST 26, 2010, AT 2:00 P.M.
 LOCATION: DISTRICT SIX ADAM LEIGH CANN BUILDING
 1000 NW 111TH AVENUE, FRONT LOBBY
 MIAMI, FLORIDA 33172

BUDGETARY CEILING: \$125,000.00

PROJECT DESCRIPTION: SEALED BIDS ARE REQUESTED FOR A PUSH-BUTTON CONTRACT FOR PROVIDING LABOR, EQUIPMENT AND MATERIALS TO CONSTRUCT NEW FENCE, REMOVE AND REPLACE DAMAGED, DESTROYED, OR DETERIORATED POST AND FENCE SECTIONS AND TO INSTALL NEW HIGH SECURITY FENCE AND FENCE GATE (12' OPENING) AT THE WEST ABUTMENT AT THE PORT OF MIAMI BRIDGE (ATTACHMENT 'A'). ALL WORK SHALL MEET THE REQUIREMENTS OF THE DEPARTMENT'S DESIGN STANDARDS AND REVISIONS THERETO. THE WORK WILL BE ASSIGNED WITHIN THE LIMITS OF MIAMI-DADE COUNTY BY THE DISTRICT MAINTENANCE ENGINEER OR HIS REPRESENTATIVE. THIS CONTRACT IS FOR A TERM OF 365 DAYS

THE ABOVE-MENTIONED PROJECT IS AMENDED AS FOLLOWS:

- a) The attached specifications revisions for Attachments A, Pages 72-a and 72-b, are incorporated into the Project.
- b) Pay item quantities are revised as specified in the attached document. Revised .EBS file is posted on our website as Amendment #1 for this Project. Bidders must use the revised .EBS file when submitting sealed bid packages.



RONALD FOUNTAIN

DISTRICT PROCUREMENT AND PROFESSIONAL SERVICES ADMINISTRATOR

PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING IN THE AREA PROVIDED.

RETURN THIS ACKNOWLEDGMENT BY FAX (305) 470-5717, TO MY ATTENTION.

COMPANY NAME

SIGNATURE

TITLE

PRINT NAME

High Security Perimeter Fence and Gate Specification at the Port of Miami Bridge

Pay Item# E550 10949 & E550 60912

DESCRIPTION: This specification defines required specifications for the installation of a new perimeter fence at the west abutment at the Port of Miami Bridge for the Florida Department of Transportation. The fencing will be installed on three sides to surround the west abutment at the same current location where the existing chain link fence is located at. (See Attachment 'A') The gate shall be a vehicle drive, swing-gate installed on the north side at the outside edge of the bridge. Successful implementation of this project is essential to providing the Department with an effective security perimeter capable of maximizing the protection of Department's critical infrastructure.

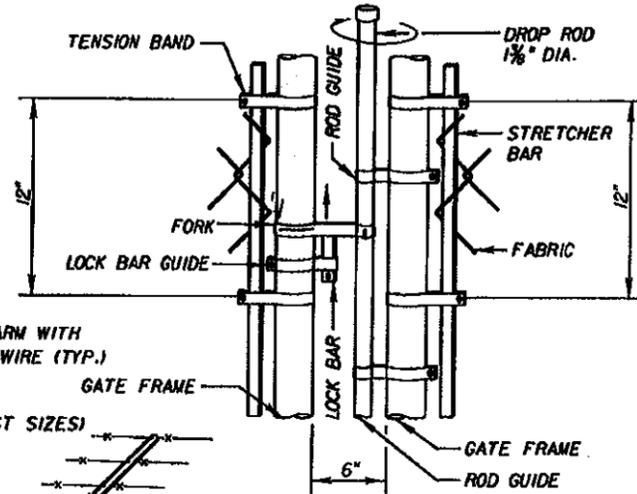
The general work includes but is not limited to the following:

- The contractor shall provide and install 358 ft. (minimum 8 ft in height) and one vehicle single gate approximately 12 ft. in width of a High Security perimeter fence with anti-ram barrier system.
- The contractor is responsible for the clearance of any utility before any work is performed.
- The contractor is responsible for the removal of the existing chain link fence, mobilization, demobilization, clean up and disposal.
- The contractor will provide all labor, material, equipment, supervision and all other incidents necessary to complete the work.
- All work will be performed from underneath the bridge. No equipment will be allowed on the bridge.
- Any vagrants removal/relocation and trash removal associated with vagrants will be coordinated with Jeannie Cann, District Roadway/Roadside Administrator at (305) 470-5353.

Equipment: The contractor shall provide all personnel, equipment, parts, material, tools, supplies, transportation and any other items necessary to perform and complete the stated requirements. The installation shall be accomplished to the prevailing commercial industry standards in a neat, workman-like manner.

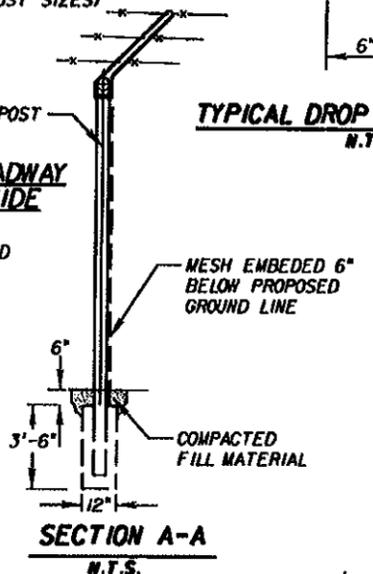
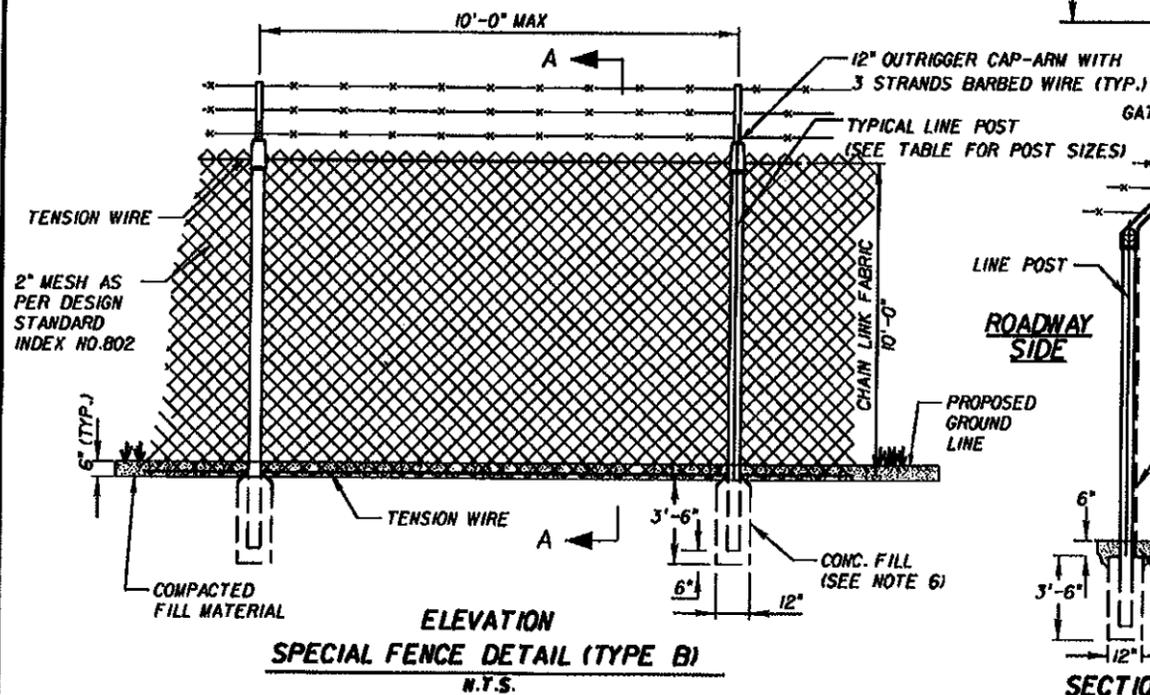
Site Visit: Bidding contractors are urged and expected to inspect the site where services are to be performed and to satisfy themselves regarding all general and local conditions that may affect the cost of contract performance, to the extent that the information is reasonably obtainable.

TABLE OF POST SIZES		
	SCHED. 40 STEEL PIPE ASTM F1083, Fy= 30 KSI	HIGH CARBON STEEL PIPE ASTM F1043, Fy= 50 KSI
TYPICAL LINE POST	3.50" O.D.	2.875" O.D.
CORNER & PULL POSTS	4.00" O.D.	3.50" O.D.



SUMMARY OF FENCE GATES				
STATION	SIDE	GATE SIZE		
		P	F	
495+55.00	LT	12		
536+90.00	LT	4		
576+90.00	RT	12		
577+10.00	LT	12		
589+65.00	RT	12		
603+20.00	RT	12		
603+75.00	LT	12		
616+70.00	RT	12		
22+75.00 *	-	30		

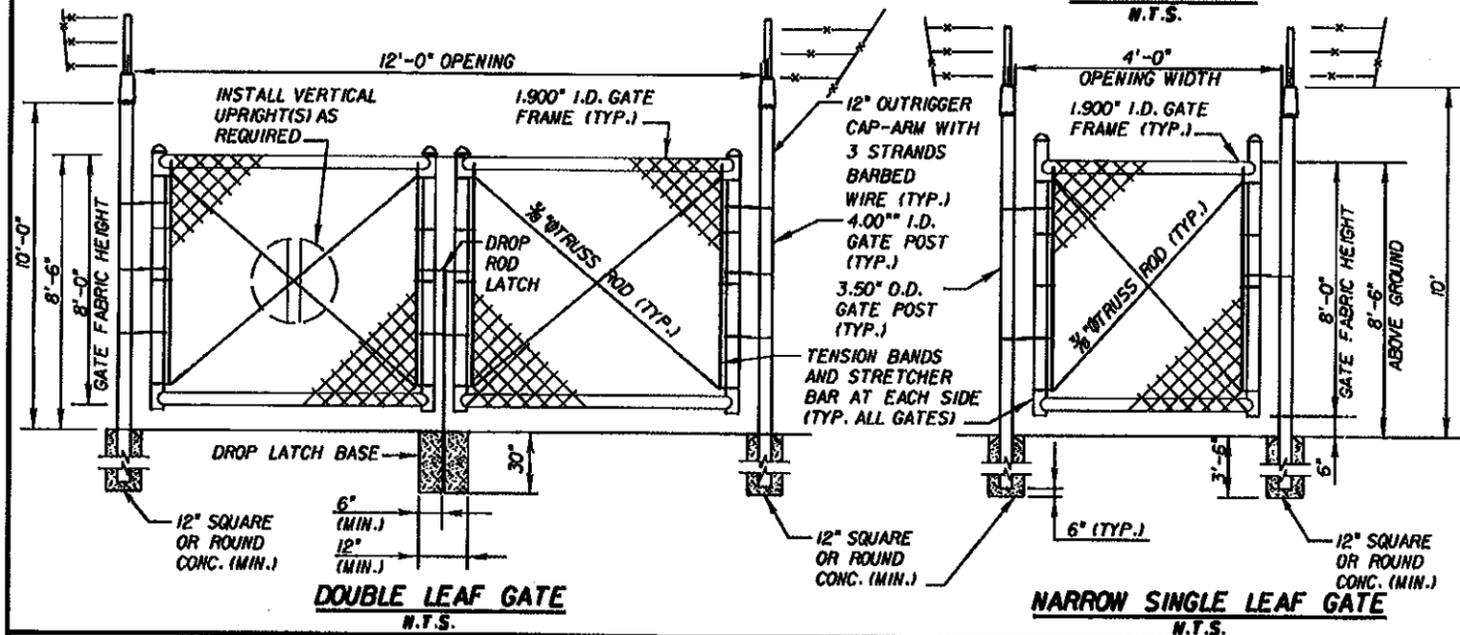
* PROVIDE 30' MOTORIZED TYPE B SLIDING/CANTILEVER GATE AT WORK CAMP ROAD.



FENCING NOTES:

1. FINAL GATE LOCATIONS TO BE COORDINATED WITH FCAA PRIOR TO CONSTRUCTION.
2. TYPE B FENCING SHALL CONFORM TO THE REQUIREMENTS ON STANDARD INDEX NO. 802. EXCEPT AS NOTED ON THIS SHEET.
3. CHAIN LINK FENCE SHALL BE PVC COATED (BLACK COLOR) IN ACCORDANCE WITH ASTM F668 AND SPECIFICATIONS DETAILED ON STANDARD INDEX NO. 802.
4. POSTS, GATE FRAMES TENSION WIRE, BARBED WIRE AND POST CAPS SHALL BE PVC COATED TO MATCH THE CHAIN LINK FABRIC IN ACCORDANCE WITH ASTM SPECIFICATIONS F1043, F1664 AND F1655.
5. ALL FENCE GATES LARGER THAN 6-FT SHALL BE DOUBLE SWING GATES UNLESS NOTED OTHERWISE. GATES SHALL BE PVC COATED IN ACCORDANCE WITH NOTE 3.
6. LINE POSTS SHALL BE SET IN CONCRETE AS DETAILED, OR DRIVEN TO A DEPTH OF 48-INCHES PER THE REQUIREMENTS OF ASTM F567. CORNER AND END POST SHALL BE SET IN CONCRETE. MINIMUM CONCRETE STRENGTH SHALL BE 2,500 PSI.
7. THE CANTILEVER SLIDE GATE SHALL HAVE AN OPENING OF 30-FT WITH A 15-FT BACK FRAME. STRUCTURAL FRAME AND POST MATERIALS SHALL BE FABRICATED FROM SCHEDULE 40 STEEL PIPE, OR APPROVED EQUAL. GATE CHAIN LINK FABRIC SHALL BE NO. 9 GAGE, 2" MESH WITH TWISTED AND BARBED SELVAGE TOP AND BOTTOM. THE SLIDE GATE SHALL USE A 6-FT FABRIC HEIGHT AND HAVE A 1-FT HIGH BARBED WIRE EXTENSION AT THE TOP OF THE GATE. THE GATE FRAME SHALL HAVE 2.375" OD VERTICAL BRACING SPACED AT 5-FT, WITH 2.875" OD TOP AND BOTTOM MEMBERS. ROLLER POSTS SHALL BE 6.625" OD WITH A MINIMUM CONCRETE FOOTER SIZE OF 24" DIAMETER BY 42-INCHES DEEP. ALL FABRIC, POST AND FRAME MATERIALS SHALL BE PVC COATED PER SPECIFICATIONS ON FDOT INDEX NO. 802.

THE SLIDE GATE SHALL BE SUPPLIED WITH A CHAIN-DRIVEN GATE OPERATOR SYSTEM THAT INCLUDES A 115 VAC, 60 HZ, 1 HP CONTINUOUS-DUTY MOTOR CAPABLE OF A MINIMUM GATE SPEED OF 1-FT/SEC. THE GATE OPERATOR SYSTEM SHALL INCLUDE A BUILT-IN RADIO RECEIVER CAPABLE OF OPENING WITH AN UNIVERSAL REMOTE TRANSMITTER, AN INTEGRATED 3-BUTTON CONTROL STATION, EXTERNAL RESET BUTTON, INHERENT OBSTRUCTION SENSING, EXTERNAL OBSTRUCTION SENSING, DIGITAL LOGIC CONTROL, BUILT-IN OVERLOAD PROTECTION, WARNING DEVICE, LIMIT SETTINGS, EMERGENCY STOP BUTTON, MAXIMUM RUN TIMER, MECHANICAL BRAKING, SURGE & SPIKE PROTECTION, MANUAL DISCONNECT, AND A NEMA 3R WEATHERPROOF ENCLOSURE WITH LOCKABLE HINGED ACCESS COVER. THE SLIDE GATE OPERATOR SHALL BE UL325 COMPLIANT, AND SHALL MEET THE SPECIFICATIONS OF A LIFTMASTER MODEL SL595-100, OR APPROVED EQUAL.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Jacobs Engineering Group Inc.
3150 NW 87th Avenue, Suite 150
Miami, Florida 33178 USA
Tel. (305) 718-0599
CERTIFICATE OF AUTHORIZATION NO. 2022
ENGINEER OF RECORD
JOHN L. LARSON P.E. NO. 40618

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 5	MIAMI-DADE	249B56-2-52-01

FENCE DETAILS		SHEET NO. 8
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 685-23.003, F.A.C.