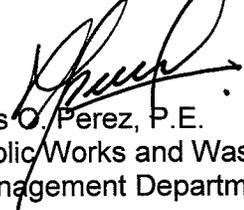


Date: January 31, 2013
To: Jack Osterholt, Director
Regulatory and Economic Resources
Small Business Development Division

From: 
Luis O. Perez, P.E.
Public Works and Waste
Management Department

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts (MCC) Program:
MCC 7360 Plan - CICC 7360-0/08
Request for Price Quotation (RPQ) No. 20120126
Improvements to Pine Tree Drive Bridge over the
Flamingo Waterway, Phase II

Formerly Project No. 20100557

RECEIVED
DEPT. BUSINESS DEV.
2013 JAN 31 PM 2:40

RECOMMENDATION

Contracts and Specifications staff has evaluated the subject project and recommends No Measure for Community Small Business Enterprise (CSBE) Subcontractor participation due to insufficient availability of subcontracting opportunities for the scope of work to be performed. The cost estimate is \$ 940,638.17. The Public Works and Waste Management Department (PWWM) staff has checked the availability of CSBE Subcontractors and has attached the PWWM Project Measure Analysis and Recommendation findings along with other supporting documents for your consideration. The Community Workforce Program (CWP) does not appear to be applicable to this Project. PWWM received a response from the Geocode System which determined that the work location is not in a Designated Target Area (DTA).

BACKGROUND:

The Department advertised Project No. 20100557 on August 19, 2010. On September 17, 2010 three (3) bids were received. The lowest, responsive and responsible bidder, Slagter Construction, proffered a base bid of \$ 694,130.42, thirteen percent below Miami-Dade County's Engineer's cost estimate. However, the Department could not enter into Contract with Slagter Construction; therefore, on September 22, 2011 the Project was cancelled pursuant to the Miscellaneous Construction Contract MCC 7040 Plan, General Terms and Conditions, Section 1.4, CANCELLATION OF SOLICITATION.

It is the PWWM's goal to "maintain bridges to 'as constructed' standards, and maintain the adjacent waterways to keep them clear of obstructions." To do this, Bridge Work can be divided into three categories: Maintenance, Rehabilitation, and Replacement.

Maintenance activities are initiated through a planned program, routine inspections, or in response to constituent service requests. Typical maintenance activities include: Scheduled inspections of all moveable and stationary bridges and culverts; Repair and Replacement of bridge railing, decks, approaches and substructures; Removal of Drift and Debris; Erosion protection; Moveable Bridge Operation and Maintenance; Guardrail and Retaining Wall Repair and Maintenance.

In the last two decades, the rapid deterioration of bridge structures has become a serious technical and economical problem in many countries, including highly developed ones. Therefore, bridge Rehabilitation has also become a very essential factor in order to address public safety concerns. Some rehabilitation activities include stringer replacement, deck replacement, and bridge painting.

Replacement is the complete reconstruction of the bridge structural section or replacement with a large capacity culvert. There is a new emphasis for accelerating construction and replacement of bridges: Reduce total construction time; Minimize traffic disruption; and Build bridges with longer life expectancies. These goals are being accomplished in several ways. It's possible to precast columns, column caps (also called bent caps), girders and beams, decks, complete bridge sub- or superstructures, complete bridge spans, and complete bridges. Precast concrete work, both shop cast and site cast, occurs away from traffic, and often the public isn't even aware that construction is taking place. For example, work crews replaced the entire deck of the heavily traveled Turkey Run and Dead Run bridges in the Washington, D.C. area over 10 weekends and without any lane closures during daylight rush hours.

The Pine Tree Drive Bridge requires structural repairs due to deterioration. The Florida Department of Transportation's inspection report has deemed the bridge "Structurally Deficient" with a rating of 29.1 out of 100. The low rating is mainly because of the center span that is being replaced as a part of this project.

If any additional information is needed, please call me at (305) 375-5320, or Frank Aira at (305) 375-2930.

LP/lc

Attachments (32)

c: Kelly Duncombe, SBD
Ileana Quintana, SBD
Bassam Moubayed, PWWM
Frank Aira, P.E., CFM, PWWM
Marcos Redondo, PWWM
Luis O. Perez, PWWM
Lisset Cabrera, PWWM
Dianah Coakley, PWWM
Project File

Miami-Dade County Public Works Department Input
Contract/Project Measure Analysis and Recommendation

To: Jack Osterholt, Director
Regulatory and Economic Resources
Small Business Development Division

From: Luis O. Perez, P.E.
Public Works and Waste Management Department

Date: Thursday, January 31, 2013

Department: Public Works and Waste Management

Contract Type: Single Trade-Bridge Rehabilitation

Request for Price Quotation (RPQ) No.: 20120126 (Formerly 20100557)

Re-submittal: Previous Review Committee (RC) Submittal Dates: August 18, 2010

No

RPQ Title: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway, Phase II

Standard Industrial Code (SIC): 16-Heavy Construction Contractors

Estimated Project Cost: \$ 840,580.15

Funding Source: Secondary Gas Tax (SGT)

Bonding Requirements: Bid Bond- 5% of base bid amount
Performance Bond- 100% of Contract Award Amount

Method of Award: Line Item

RPQ No.: 20120126

RPQ Title: Improvements to Pine Tree Drive Bride over the Flamingo Waterway, Phase II

Detailed Scope of Work:

Work under this contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the work in accordance with the Contract Documents.

Work includes but is not limited to installing, maintaining and removing temporary floating turbidity barriers. The scope also includes installing, maintaining and removing temporary partial closure/temporary barriers, signs and barricades to pedestrian and vehicular traffic. Partial closure of Pine Tree Drive to pedestrian and vehicular traffic at the bridge and retaining walls; Replacing the entire existing center span (span 4) including asphalt pavement, concrete deck, curb, sidewalk, median and traffic barriers, steel girders, bearings, railings and utility supports and temporary support all utilities throughout construction. The contractor will also be required to replace the existing concrete traffic barrier and steel railing on the bridge with a new concrete traffic railing barrier and aluminum railing. The contractor is responsible for placing new concrete traffic barriers and aluminum railing on abutment backwalls. Replacing concrete sidewalk curbs on spans 1, 2, 3, 5, 6 and 7 to extend the sidewalk. Replacing the existing steel pipe traffic railing on retaining walls and concrete sidewalk and curb and gutter at retaining walls with new concrete traffic railing barrier/sidewalk and curb and gutter which includes removal of top of concrete retaining walls and granular backfill as required to accommodate new concrete traffic railing barrier/sidewalks, compaction of remaining granular backfill and install new expansion joints and joint fillers. Contract requirements include repairing deteriorated concrete in curbs, sidewalks, median, pier caps, abutments, retaining walls, seawalls and fascia beams on bridge and approaches with an approved epoxy repair mortar. The awarded contractor will have to relocate the concrete path at the northeast corner of bridge. Work continues with applying a Class 5 finish to concrete surfaces of traffic railing barriers, sidewalks, median and curbs and gutters, fascia beams, pier caps, precast piles, seawalls, abutments and retaining walls on bridge and approaches. The placement of guardrails on approaches at ends of retaining walls is required. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination. The Contractor and all subcontractors, under this Contract, are prohibited from performing any work, other than specified in the Contract and/or directed by the Engineer, within the limits of the project site, without prior written notification to the Engineer. This includes any work for private or commercial entities.

Contractor's Certification Requirements:

Contractor Certifications:

A. Contractor Certification:

1. At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active:
 - a. Certificate of Competency from the County's Construction Trades Qualifying Board as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Scope of Work, in one or more engineering crafts to include, structural engineering contractor. The specialty contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified.

**Miami-Dade County Public Works Department Input
Contract/Project Measure Analysis and Recommendation**

RPQ No.: 20120126

RPQ Title: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway, Phase II

B. Experience Requirement:

1. The Bidder, through full time personnel employed by the Bidder, must demonstrate a minimum of five years of continual experience as the prime contractor in projects with scopes comparable to the Project Scope of Work. Demonstrate the experience requirement by:
 - a. Providing a detailed description of completed projects, similar to the Project Scope of Work, in which the Bidder is currently engaged or has completed within the past ten years. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County. The description should identify for each project (1) the client, (2) description of work, (3) total dollar value of the contract, (4) contract duration, (5) customer contact person and phone number for reference, (6) statement or notation of whether Bidder is/was the prime contractor or subcontractor, and (7) the results of the project; or
 - b. Pursuant to Section 255.20, F.S., the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing, which has been prequalified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this Paragraph shall submit along with the Bid Documents for review and consideration, current copy (ies) of their FDOT Certificate(s) of Qualification in the Minor Bridge Work Class, Certification of Work Underway, and Status of Contract(s) On Hand.

INSURANCE TO BE CARRIED BY CONTRACTOR

- A. Prior to execution of the Contract by the County and commencement of work, the Contractor shall obtain all insurance required under this Section and submit all required documentation to the County for approval. Additional insurance, such as Builders Risk or increased coverage may be required and shall be included in the special provisions. All insurance shall be maintained in full effect until the Contracted work has been completed and accepted by the County.
- B. The Contractor shall furnish to the Department all documentation as described below. The Department will perform a cursory review of the supplied documents and, if found to be generally acceptable, will forward the documents under the GSA Risk Management Division's standard Insurance Transmittal Form, to the County's Risk Management Division for a detailed review of:
 - Certificate(s) of Insurance that clearly indicate that the Contractor has obtained the insurance coverage required in items a) thru f) below.
- C. Both certificates and policies shall indicate that no modification or change in insurance will be made without thirty days written advance notice to Miami-Dade County, c/o the Manager of the Risk Management Division.
- D. Both certificates and policies shall indicate as Certificate Holder: Miami-Dade County, GSA Risk Management, 111 NW 1st Street, Miami, FL 33128.

**Miami-Dade County Public Works Department Input
Contract/Project Measure Analysis and Recommendation**

- a) Worker's Compensation Insurance for all employees of the vendor as required by Florida Statute Chapter 440, including, if applicable, coverage under the U.S. Longshoremen and Harbor Workers' Act and Jones Act coverage.
 - b) Public Liability Insurance on a Comprehensive basis, including Products and Completed Operations, in an amount not less than \$1,000,000.00 combined single limit per occurrence for Bodily Injury and Property Damage. Insurance shall include coverage for Explosion, Collapse & Underground Hazards. Miami-Dade County must be additional insured with respect to this coverage.
 - c) Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$1,000,000.00 combined single limit per occurrence for Bodily Injury and Property Damage.
 - d) Marine General Liability Insurance on a comprehensive basis in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage. Miami-Dade County must be shown as an additional insured with respect to this coverage.
 - e) Protection and Indemnity Insurance in an amount not less than \$1,000,000 covering combined single limit per occurrence for bodily injury and property damage.
 - f) Hull Insurance to include collision and fixed and floating objects.
- E. The insurance coverage as required above shall include those classifications, as listed in Standard Liability Insurance Manuals, which are applicable to the operations of the Contractor in the performance of this Contract.
- F. All insurance policies required above shall be issued in companies authorized to do business under the laws of the State of Florida, with the following qualifications as to management and financial strength:
- The Company must be rated no less than "A" as to management, and no less than "Class "X" as to strength, by the latest edition of Best's Insurance Guide, published by A. M. Best Company, Oldwick, New Jersey or its equivalent subject to the approval of the Risk Management Division.
- G. Should there be a notification of expiration for any required insurances without cure or a lapse in coverage required by these Documents, the contractor shall, unless health and safety issues exists which should be immediately resolved, stop all work and vacate the worksite until proper coverage is confirmed by the County. The County will require the Contractor and the Surety to assume responsibility for any occurrences that would have been insured had the required insurance not lapsed.
- H. The County will notify the Contractor and the Surety of the lapse in insurance required for the Contract via Notice to Cure which shall contain the language that the Contractor and the Surety will be held responsible for any and all claims of any manner resulting from the lack of the required insurance coverage. Failure of the County to notify the Contractor and / or the Surety will not relieve either the Contractor or the Surety of the aforementioned responsibility. No time extensions will be provided for time loss due to the failure of the Contractor to provide required insurance for the project.

PWWM Areas for possible measures:

None

PWWM Areas recommended for CSBE Subcontractor Goal:

None

Contract Measure Recommendation:

- No Measure
- CSBE Subcontractor Goal
- Overall CSBE Subcontractor Goal
- CSBE Set-Aside Level I Level II Level III
- CWP: Not Applicable, project work location is not in a DTA.

Pine Tree Drive from 51st to 63rd Street

- DBE Goal:

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Bridge Rehabilitation) can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. Additionally, staff has met with the design engineer, construction project manager, and members of the industry and concluded that there is no ancillary work required to complete this project which may be subcontracted for CSBE participation. This is highly specialized work that requires special, heavy machinery and/or equipment that are typically owned by the contractor. The only work that initially appeared available for subcontracting was that related to the use of the required barge.

However, after further research by staff it was noted that the industry typically owns their barges and they equip them with various pieces of machinery such as Generators, Hydraulic pumps, and air compressors. Thus requiring the rental or subcontracting of this would not be feasible. Therefore, based on the scope of work required for the project and the previous RC action noted below, PWD recommends No Measure for CSBE participation. However, a recommendation of No Measure does not exclude CSBE firms from submitting a bid for this project should they meet all applicable Contract document requirements.

Comments:

None

CSBE Prime History of similar Contracts/Projects for previous three years:

None

**Miami-Dade County Public Works Department Input
Contract/Project Measure Analysis and Recommendation**

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for CSBE Goal (PWWM/SBD):

Not Applicable: Single Trade

Areas used to meet subcontractor goal (Awarded Contractor):

Not Applicable

Similar Projects previously submitted for RC Action:

<u>CSBE Goal</u>	<u>Project No.</u>	<u>Amount achieved:</u>
No Measure	CICC 7360 RPQ No. 20090178-\$449,540.00	Not Applicable
No Measure	CICC 7360 RPQ No. 20090355-\$1,408,636.00	Not Applicable
No Measure	CICC 7360 RPQ No. 20070776-\$10,175,000.00	Not Applicable

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PINE TREE DRIVE BRIDGE OVER THE FLAMINGO WATERWAY
 PHASE II REPAIRS
 ENGINEER'S FINAL CONSTRUCTION COST ESTIMATE
 BRIDGE NO. 874712

ITEM NO.	ITEM	UNIT	UNIT COST	QUANTITY	COST
101 - 1	MOBILIZATION	LS	\$75,000.00	1.00	\$75,000.00
102 - 1A	MAINTENANCE OF TRAFFIC	LS	\$85,000.00	1.00	\$85,000.00
102 - 60	SPECIAL SIGNS A AND B	E/ED	\$1.00	6,480.00	\$6,480.00
102 - 71 - 14	BARRIER WALL (TEMPORARY) (F&I) (TYPE K)	LF	\$25.00	990.00	\$24,750.00
102 - 71 - 24	BARRIER WALL (RELOCATE) (TYPE K)	LF	\$8.00	990.00	\$7,920.00
102 - 74 - 1	BARRICADES (TEMPORARY, TYPE I, II, VP AND DRUM)	E/ED	\$0.20	5,427.00	\$1,085.40
102 - 76	FLASHING ARROW BOARD (TEMPORARY, MULTIMODE)	E/ED	\$7.00	324.00	\$2,268.00
102 - 77	HIGH INTENSITY FLASHING LIGHT (TEMPORARY TYPE B)	E/ED	\$0.50	3,888.00	\$1,944.00
102 - 79	TEMPORARY BARRIER WALL LIGHTS TYPE C	E/ED	\$0.25	8,019.00	\$2,004.75
102 - 89	VARIABLE MESSAGE SIGN (TEMPORARY)	E/ED	\$15.00	362.00	\$5,430.00
104 - 11B	POST TEMPORARY SIGNS (3X4) (CAUTION MANATEE SIGN)	EA	\$200.00	4.00	\$800.00
104 - 11	FLOATING TURBIDITY BARRIER (INCLUDES MAINTENANCE, RELOCATION AND REMOVAL)	LF	\$10.00	420.00	\$4,200.00
110 - 1 - 1B	CLEARING AND GRUBBING	LS	\$10,000.00	1.00	\$10,000.00
110 - 3	REMOVAL OF EXISTING STRUCTURES	LS	\$100,000.00	1.00	\$100,000.00
337 - 7 - 21	ASPHALT CONCRETE FRICTION COURSE (FC 9.5)	TN	\$150.00	20.00	\$3,000.00
351 - 1A	COLOR CONCRETE CURB AND GUTTER (TYPE F)	LF	\$20.00	300.00	\$6,000.00
351 - 1H	COLOR CONCRETE SIDEWALK	CY	\$1,150.00	130.00	\$1,495,000.00
400 - 4 - 4	CONCRETE CLASS IV, SUPERSTRUCTURE	CY	\$800.00	56.00	\$44,800.00
400 - 135	CRACK INJECT AND SEAL	LF	\$125.00	70.00	\$8,750.00
400 - 143	CLEANING AND COATING	SF	\$1.20	17,840.00	\$21,408.00
401 - 70 - 1A	STRUCTURAL REPAIRS	CF	\$300.00	55.00	\$16,500.00
415 - 1 - 4	REINFORCING STEEL - SUPERSTRUCTURE	LB	\$1.50	12,150.00	\$18,225.00
450 - 3 - 11	PRESTRESSED SLAB UNIT, 48"X12"	LF	\$200.00	320.00	\$64,000.00
450 - 3 - 51	PRESTRESSED SLAB UNIT, 36"X12"	LF	\$200.00	128.00	\$25,600.00
450 - 7	PRESTRESSED BEAMS, SPECIAL	LF	\$250.00	64.00	\$16,000.00
458 - 1 - 21	BRIDGE DECK EXPANSION JOINTS, REHAB, POURED	LF	\$40.00	570.00	\$22,800.00
460 - 70 - 2	ALUMINUM BULLET RAILING (DOUBLE RAIL)	LF	\$40.00	650.00	\$26,000.00
521 - 5 - 1	CONCRETE TRAFFIC RAILING BARRIER (BRIDGE) (32" F SHAPE)	LF	\$100.00	650.00	\$65,000.00
536 - 1 - 2	GUARDRAIL (BRIDGE)	LF	\$40.00	90.00	\$3,600.00
544 - 75 - 14	CRASH CUSHION - VEHICULAR IMPACT ATTENUATOR, QUADGUARD	EA	\$20,000.00	1.00	\$20,000.00
706 - 3	RETRO-REFLECTIVE PAVEMENT MARKER	EA	\$4.20	20.00	\$84.00
711 - 11 - 121	THERMOPLASTIC (WHITE) (SOLID) (6')	LF	\$1.20	715.00	\$858.00
711 - 11	141B THERMOPLASTIC STANDARD (WHITE) (10/30) (SKIP) (6')	LF	\$1.10	715.00	\$786.50
711 - 11	221 THERMOPLASTIC (YELLOW) (SOLID) (6')	LF	\$1.10	715.00	\$786.50
SUBTOTAL					\$840,580.15
ALLOWANCE - PERMITS		LS	\$16,000.00	1.00	\$16,000.00
CONTINGENCY FUNDS		LS	\$84,058.02	1.00	\$84,058.02
GRAND TOTAL					\$940,638.17

5/4/2012




Dept. of Small Business Development
Project Worksheet

Project/Contract Title: IMPROVEMENTS TO PINE TREE DRIVE BRIDGE OVER THE FLAMINGO WATERWAY, PHASE II (SIC 16) RC Date: 08/18/2010
Project/Contract No: CICC 7360-0/08 RPQ NO. 20100557 Funding Source: Item No: 3 -06
Department: PUBLIC WORKS DEPARTMENT SECONDARY GAS TAX
Estimated Cost of Project/Bid: \$897,253.00 (SGT) Resubmittal Date(s):

Description of Project/Bid: To establish a contract that includes furnishing of all supervision, labor, materials, tools, equipment, performing all operations required to construct the work, including but not limited to installing, maintaining and removing temporary floating turbidity barriers, partial closure/temp barriers. Replace entire existing center span 4, existing concrete traffic barrier and steel railing on bridge. Place new concrete traffic barriers and aluminum railing on abutment backwalls. Replace concrete sidewalk curbs on spans 1, 2, 3, 5, 6, and 7; replace steel pipe traffic railing on retaining walls and concrete sidewalk, curb and gutter at retaining walls. Repair deteriorating concrete in curbs, sidewalks, median, pier caps, abutments, retaining walls, seawalls, bridge and approaches. Relocate concrete path at N.E. corner of bridge.

Table with 3 columns: Measure, Program, Goal Percent. Row 1: No Measure, CSBE

Reasons for Recommendation: An analysis of the trades required for this project, as well as an analysis of the availability of CSBEs revealed insufficient availability. Notices of availability for a CSBE Level 1 Set Aside were sent to 48 firms, 4 CSBE firms responded. It was determined that respondents did not meet specified requirements. CWP Not Applicable: Not in DTA

Table with 5 columns: Subtrade, Cat., Estimated Value, % of Items to Base Bid, Availability. Row 1: CSBE, \$0.00, 0. Total: \$0.00

Living Wages: YES [] NO [X] Highway: YES [] NO [X] Heavy Construction: YES [X] NO []
Responsible Wages: YES [X] NO [] Building: YES [] NO [X]

Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.

REVIEW COMMITTEE RECOMMENDATION form with fields for Tier 1 Set Aside, Set Aside (Level 1-3), Trade Set Aside (MCC), Goal, Bid Preference, No Measure, Deferred, Selection Factor. Includes signatures and dates for Chairperson and County Manager/Designee.

Bid Form

PROJECT TITLE: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway Phase II

PROJECT NO: 20120126

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN () CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
101.1.	1.0	L.S.	MOBILIZATION			
102-1A	1.0	L.S.	MAINTENANCE OF TRAFFIC			
102-60	6,480.0	EA/DAY	SPECIAL SIGNS A, AND B			
102-71-14	990.0	L.F.	Barrier Wall (Temporary) (F&I) (Type K)			
102-71-24	990.0	L.F.	Barrier Wall (Temporary) (Relocate) (Type K)			
102-74-1	5,472.0	EA/DAY	BARRICADES (TEMPORARY- TYPE I, II, VP & DRUM).			
102-76	324.0	EA/DAY	FLASHING ARROW BOARD (Temporary, Multimode)			
102-77	3,888.0	EA/DAY	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")			
102-79	8,019.0	EA/DAY	TEMPORARY BARRIER WALL LIGHTS (TYPE C)			
102-99	362.0	EA/DAY	VARIABLE MESSAGE SIGN (Temporary)			
104-11	420.0	L.F.	FLOATING SILT BARRIER (Includes maintenance, relocation and removal) (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)			
104-11-B	4.0	EA.	POST TEMPORARY SIGNS (3X4) (CAUTION MANATEE SIGN)			

Bid Form

PROJECT TITLE: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway Phase II

PROJECT NO: 20120126

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN () CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
110-1-1B	1.0	L.S.	CLEARING AND GRUBBING			
110-3	1.0	L.S.	REMOVAL OF EXISTING STRUCTURE			
337-7-21	20.0	TON	ASPHALT CONCRETE FRICTION COURSE (FC 9.5)			
351-1A	300.0	L.F.	COLOR CONCRETE CURB AND GUTTER (Type F)			
351-1H	125.0	C.Y.	COLORED CONCRETE SIDEWALK			
400-4-4	56.0	C.Y.	Class IV Concrete, Superstructure			
400-135	30.0	L.F.	CRACKS INJECT AND SEAL			
400-143	16,087.0	S.F.	CLEANING AND COATING			
401-70-1-A	16.0	C.F.	STRUCTURAL REPAIRS			
415-1-4	12,096.0	LB	REINFORCING STEEL (Superstructure)			
450-3-11	320.0	L.F.	PRESTRESSED SLAB UNITS, 48"x12"			
450-3-51	128.0	L.F.	PRESTRESSED SLAB UNITS, 36"x12"			

Bid Form

PROJECT TITLE: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway Phase II

PROJECT NO: 20120126

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN () CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
450-7	64.0	L.F.	PRESTRESSED BEAMS, SPECIAL			
458-1-21	130.0	L.F.	BRIDGE DECK EXPANSION JOINT			
460-70-2	650.0	L.F.	ALUMINUM BULLET RAILINGS (Double Rail)			
521-5-1	650.0	L.F.	CONCRETE TRAFFIC RAILING BARRIER (Bridge) (32" F sharpe)			
536-1-2	90.0	L.F.	GUARDRAIL (BRIDGE)			
544-75-14	1.0	EA.	CRASH CUSHION - VEHICULAR IMPACT ATTENUATOR, QUADGUARD			
706-3	20.0	EA	REFLECTIVE PAVEMENT MARKER (See plan sheet for details)			
711-11-121	715.0	L.F.	THERMOPLASTIC (White) (Solid) (6")			
711-11-221	715.0	L.F.	THERMOPLASTIC (Yellow) (Solid) (6")			
711-11-141B	715.0	L.F.	THERMOPLASTIC, STD (White) (10/30) (Skip) (6")			
102-10A	1.0	L.S.	OFF-DUTY LAW ENFORCEMENT OFFICER	SIX THOUSAND DOLLARS AND ZERO CENTS	\$6,000.00	\$6,000.00
990	1.0	L.S.	ALLOWANCE-PERMITS	TEN THOUSAND DOLLARS AND ZERO CENTS	\$10,000.00	\$10,000.00

Bid Form

PROJECT TITLE: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway Phase II

PROJECT NO: 20120126

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN () CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Grand Total: _____

The bidder understands and agrees that the above total is inclusive of all work necessary to complete the job as described in the plans and specifications.

Quantities are established and are included only for the purpose of facilitating the uniform comparison of bids submitted. The County shall not be held responsible if the quantities are not accurate and all computations for compensation shall be based upon the actual work performed, whether greater or less than estimated quantities.

Tax Identification Number: _____

D.C. Certificate of competency No: _____

Bidder's Name: _____

Bidder's telephone Number: _____

Bidder's address: _____

Bid Form

PROJECT TITLE: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway Phase II

PROJECT NO: 20120126

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN () CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

BIDDER ACKNOWLEDGES THAT INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL AND IN THE TOTAL BID PRICE ARE COSTS FOR COMPLYING WITH THE FLORIDA TRENCH SAFETY ACT (90-96), LAWS OF FLA. EFFECTIVE OCTOBER 1st, 1990. THE BIDDER FURTHER IDENTIFIES THE COSTS TO BE SUMMARIZED BELOW:

	Trench Safety Measure (Description)	Units of Measure (LF, SY)	Unit (Quantity)	Unit Cost	Extended Cost
A.	_____	_____	_____	_____	_____
B.	_____	_____	_____	_____	_____
C.	_____	_____	_____	_____	_____
D.	_____	_____	_____	_____	_____

TOTAL \$ _____

FAILURE TO COMPLETE THE ABOVE MAY RESULT IN THE BID BEING DECLARED NON-RESPONSIVE



Public Works
111 NW 1st Street • Suite 1410
Miami, Florida 33128-1970
T 305-375-2930 F 305-375-2931

Carlos Alvarez, Mayor

miamidade.gov

September 22, 2011

CERTIFIED MAIL No.
7010 3090 0001 3506 7176

FACSIMILE; TELEPHONE No.
(616) 877-0030; (616) 877-0020

Mr. Brian Slagter
Slagter Construction
1326 142nd Avenue
Wayland, MI 49348

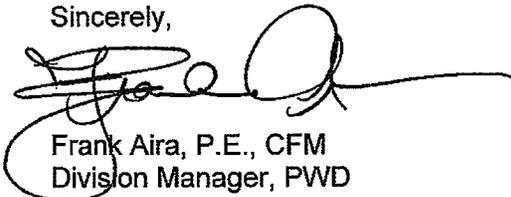
Re: **Cancellation Notice**
Public Works Department
Request for Price Quotation (RPQ) No. 20100557 (MCC 7360 Plan-CICC 7360-08)
Improvements to Pine Tree Drive Bridge over the Flamingo Waterway, Phase II

Dear Mr. Slagter:

This letter will serve as a notification that the referenced RPQ has been cancelled pursuant to the Miscellaneous Construction Contract MCC 7040 Plan, General Terms and Conditions, Section 1.4, **CANCELLATION OF SOLICITATION**. Enclosed we are returning the original Payment and Performance Bond previously submitted.

Should you have any questions regarding this matter, please feel free to contact me at (305) 375-2930.

Sincerely,



Frank Aira, P.E., CFM
Division Manager, PWD

FA:lc

cc: Office of Capital Improvements
Penelope Townsley, DPM
Antonio Cotarelo, P.E., PWD
Bassam Moubayed, PWD
Orky Rodriguez, PWD
Marcos Redondo, P.E., PWD
Luis O. Perez, P.E., PWD
Rodney McMillian, PWD
Clerk of the Board
Project File

Understanding Excellence Every Day

BID TABULATION REPORT

January 11, 2011 1:2 PM

Project Name: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway Phase II

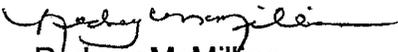
Project No: 20100557

Bid Open Date: 09/17/2010

Bidder	System Calculated Subtotal (\$)	Dedicated Allowances (\$)	Contingency Allowances (\$)	Total (\$)
J. SLAGTER & SON CONSTRUCTION CO.	\$694,130.42	\$16,000.00	\$69,413.04	\$779,543.46
CONSTRUCT GROUP CORP	\$792,834.20	\$16,000.00	\$79,283.42	\$888,117.62
ANZAC CONTRACTORS, INC.	\$794,291.68	\$16,000.00	\$79,429.17	\$889,720.85

RECEIVED
DEPT. BUSINESS DEV.
2010 AUG -4 PM 3:40

Date: August 4, 2010
To: Penelope Townsley, Director
Department of Small Business Development

From: 
Rodney McMillian
Special Project Administrator
Public Works Department

Subject: Notice of Construction Project:
Contract No: CICC 7360-0/08
Request for Price Quotation (RPQ)
RPQ No. 20100557
Improvements to Pine Tree Drive Bridge over the
Flamingo Waterway, Phase II
Revised

RECOMMENDATION

Contracts and Specifications staff has evaluated the subject project and recommends No Measure for Community Small Business Enterprise (CSBE) Subcontractor participation due to insufficient availability of subcontracting opportunities for the scope of work to be performed. The cost estimate is \$897,253.19. The Public Works Department (PWD) staff has checked the availability of CSBE Subcontractors and has attached the PWD Project Measure Analysis and Recommendation findings along with other supporting documents for your consideration. PWD staff met with the Department of Small Business Development's (SBD) Construction Manager in an effort to seek out additional opportunities for CSBEs. The Community Workforce Program (CWP) does not appear to be applicable to this project. PWD received a response from the Geocode System which determined that the work location is not in a Designated Target Area (DTA). Revised due to incorrect cost estimate amount should be \$897,253.19 instead of \$894,132.00.

BACKGROUND

It is the Public Works Department's goal to "maintain bridges to 'as constructed' standards, and maintain the adjacent waterways to keep them clear of obstructions." To do this, Bridge Work can be divided into three categories: Maintenance, Rehabilitation, and Replacement.

Maintenance activities are initiated through a planned program, routine inspections, or in response to constituent service requests. Typical maintenance activities include: Scheduled inspections of all moveable and stationary bridges and culverts; Repair and Replacement of bridge railing, decks, approaches and substructures; Removal of Drift and Debris; Erosion protection; Moveable Bridge Operation and Maintenance; Guardrail and Retaining Wall Repair and Maintenance.

In the last two decades, the rapid deterioration of bridge structures has become a serious technical and economical problem in many countries, including highly developed ones. Therefore, bridge Rehabilitation has also become a very essential factor in order to address public safety concerns. Some rehabilitation activities include stringer replacement, deck replacement, and bridge painting.

Replacement is the complete reconstruction of the bridge structural section or replacement with a large capacity culvert. There is a new emphasis for accelerating construction and replacement of bridges: Reduce total construction time; Minimize traffic disruption; and Build bridges with longer life expectancies. These goals are being accomplished in several ways. It's possible to precast columns, column caps (also called bent caps), girders and beams, decks, complete bridge sub- or superstructures, complete bridge spans, and complete bridges. Precast concrete work, both shop cast and site cast, occurs away from traffic, and often the public isn't even aware that construction is taking place. For example, work crews replaced the entire deck of the heavily traveled Turkey Run and Dead Run bridges in the Washington, D.C. area over 10 weekends and without any lane closures during daylight rush hours.

The Pine Tree Drive Bridge requires structural repairs due to deterioration. The Florida Department of Transportation's inspection report has deemed the bridge "Structurally Deficient" with a rating of 29.1 out of 100. The low rating is mainly because of the center span that is being replaced as a part of this project.

If any additional information is needed, please call me at (305) 375-5320, or Frank Aira at (305) 375-2930.

RM/rm

Attachments (2)

C: Kelly Duncombe, SBD
Ileana Quintana, SBD
Bassam Moubayed, PWD
Frank Aira, P.E., CFM, PWD
Marcus Redondo, PWD
Luis O. Perez, PWD
Project File

To: Penelope Townsley, Director
Business and Professional Development
Department of Small Business Development

From: Rodney McMillian
Special Project Administrator
Public Works Department

Date: Wednesday, August 4, 2010

Department: Public Works

Contract Type:

Single Trade-Bridge Rehabilitation

Request for Price Quotation (RPQ) No.:

20100557 Revised

Re-submittal: Previous Review Committee (RC) Submittal Dates:

No

RPQ Title:

Improvements to Pine Tree Drive Bridge over the Flamingo Waterway, Phase II

Standard Industrial Code (SIC):

16-Heavy Construction Contractors

Estimated Project Cost:

\$897,253.19

Funding Source:

Secondary Gas Tax (SGT)

Bonding Requirements: Bid Bond- 5% of base bid amount
Performance Bond- 100% of Contract Award Amount

Method of Award: Line Item

RPQ No.: 20100557

RPQ Title: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway, Phase II

Detailed Scope of Work:

Work under this contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the work in accordance with the Contract Documents.

Work includes but is not limited to installing, maintaining and removing temporary floating turbidity barriers. The scope also includes installing, maintaining and removing temporary partial closure/temporary barriers, signs and barricades to pedestrian and vehicular traffic. Partial closure of Pine Tree Drive to pedestrian and vehicular traffic at the bridge and retaining walls; Replacing the entire existing center span (span 4) including asphalt pavement, concrete deck, curb, sidewalk, median and traffic barriers, steel girders, bearings, railings and utility supports and temporary support all utilities throughout construction. The contractor will also be required to replace the existing concrete traffic barrier and steel railing on the bridge with a new concrete traffic railing barrier and aluminum railing. The contractor is responsible for placing new concrete traffic barriers and aluminum railing on abutment backwalls. Replacing concrete sidewalk curbs on spans 1, 2, 3, 5, 6 and 7 to extend the sidewalk. Replacing the existing steel pipe traffic railing on retaining walls and concrete sidewalk and curb and gutter at retaining walls with new concrete traffic railing barrier/sidewalk and curb and gutter which includes removal of top of concrete retaining walls and granular backfill as required to accommodate new concrete traffic railing barrier/sidewalks, compaction of remaining granular backfill and install new expansion joints and joint fillers. Contract requirements include repairing deteriorated concrete in curbs, sidewalks, median, pier caps, abutments, retaining walls, seawalls and fascia beams on bridge and approaches with an approved epoxy repair mortar. The awarded contractor will have to relocate the concrete path at the northeast corner of bridge. Work continues with applying a Class 5 finish to concrete surfaces of traffic railing barriers, sidewalks, median and curbs and gutters, fascia beams, pier caps, precast piles, seawalls, abutments and retaining walls on bridge and approaches. The placement of guardrails on approaches at ends of retaining walls is required. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination. The Contractor and all subcontractors, under this Contract, are prohibited from performing any work, other than specified in the Contract and/or directed by the Engineer, within the limits of the project site, without prior written notification to the Engineer. This includes any work for private or commercial entities.

Contractor's Certification Requirements:

Contractor Certifications:

A. Contractor Certification:

1. At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active:
 - a. Certificate of Competency from the County's Construction Trades Qualifying Board as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Scope of Work, in one or more engineering crafts to include, structural engineering contractor. The specialty contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified.

RPQ No.: 20100557

RPQ Title: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway, Phase II

B. Experience Requirement:

1. The Bidder, through full time personnel employed by the Bidder, must demonstrate a minimum of five years of continual experience as the prime contractor in projects with scopes comparable to the Project Scope of Work. Demonstrate the experience requirement by:
 - a. Providing a detailed description of completed projects, similar to the Project Scope of Work, in which the Bidder is currently engaged or has completed within the past ten years. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County. The description should identify for each project (1) the client, (2) description of work, (3) total dollar value of the contract, (4) contract duration, (5) customer contact person and phone number for reference, (6) statement or notation of whether Bidder is/was the prime contractor or subcontractor, and (7) the results of the project; or
 - b. Pursuant to Section 255.20, F.S., the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing, which has been prequalified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this Paragraph shall submit along with the Bid Documents for review and consideration, current copy (ies) of their FDOT Certificate(s) of Qualification in the Minor Bridge Work Class, Certification of Work Underway, and Status of Contract(s) On Hand.

INSURANCE TO BE CARRIED BY CONTRACTOR

- A. Prior to execution of the Contract by the County and commencement of work, the Contractor shall obtain all insurance required under this Section and submit all required documentation to the County for approval. Additional insurance, such as Builders Risk or increased coverage may be required and shall be included in the special provisions. All insurance shall be maintained in full effect until the Contracted work has been completed and accepted by the County.
- B. The Contractor shall furnish to the Department all documentation as described below. The Department will perform a cursory review of the supplied documents and, if found to be generally acceptable, will forward the documents under the GSA Risk Management Division's standard Insurance Transmittal Form, to the County's Risk Management Division for a detailed review of:
 - Certificate(s) of Insurance that clearly indicate that the Contractor has obtained the insurance coverage required in items a) thru f) below.
- C. Both certificates and policies shall indicate that no modification or change in insurance will be made without thirty days written advance notice to Miami-Dade County, c/o the Manager of the Risk Management Division.
- D. Both certificates and policies shall indicate as Certificate Holder: Miami-Dade County, GSA Risk Management, 111 NW 1st Street, Miami, FL 33128.

- a) Worker's Compensation Insurance for all employees of the vendor as required by Florida Statute Chapter 440, including, if applicable, coverage under the U.S. Longshoremen and Harbor Workers' Act and Jones Act coverage.
 - b) Public Liability Insurance on a Comprehensive basis, including Products and Completed Operations, in an amount not less than \$1,000,000.00 combined single limit per occurrence for Bodily Injury and Property Damage. Insurance shall include coverage for Explosion, Collapse & Underground Hazards. Miami-Dade County must be additional insured with respect to this coverage.
 - c) Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$1,000,000.00 combined single limit per occurrence for Bodily Injury and Property Damage.
 - d) Marine General Liability Insurance on a comprehensive basis in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage. Miami-Dade County must be shown as an additional insured with respect to this coverage.
 - e) Protection and Indemnity Insurance in an amount not less than \$1,000,000 covering combined single limit per occurrence for bodily injury and property damage.
 - f) Hull Insurance to include collision and fixed and floating objects.
- E. The insurance coverage as required above shall include those classifications, as listed in Standard Liability Insurance Manuals, which are applicable to the operations of the Contractor in the performance of this Contract.
- F. All insurance policies required above shall be issued in companies authorized to do business under the laws of the State of Florida, with the following qualifications as to management and financial strength:
- The Company must be rated no less than "A" as to management, and no less than "Class "X" as to strength, by the latest edition of Best's Insurance Guide, published by A. M. Best Company, Oldwick, New Jersey or its equivalent subject to the approval of the Risk Management Division.
- G. Should there be a notification of expiration for any required insurances without cure or a lapse in coverage required by these Documents, the contractor shall, unless health and safety issues exists which should be immediately resolved, stop all work and vacate the worksite until proper coverage is confirmed by the County. The County will require the Contractor and the Surety to assume responsibility for any occurrences that would have been insured had the required insurance not lapsed.
- H. The County will notify the Contractor and the Surety of the lapse in insurance required for the Contract via Notice to Cure which shall contain the language that the Contractor and the Surety will be held responsible for any and all claims of any manner resulting from the lack of the required insurance coverage. Failure of the County to notify the Contractor and / or the Surety will not relieve either the Contractor or the Surety of the aforementioned responsibility. No time extensions will be provided for time loss due to the failure of the Contractor to provide required insurance for the project.

PWD Areas for possible measures:

None

PWD Areas recommended for CSBE Subcontractor Goal:

None

Contract Measure Recommendation:

- No Measure
- CSBE Subcontractor Goal
- Overall CSBE Subcontractor Goal
- CSBE Set-Aside Level I Level II Level III
- CWP: Not Applicable, project work location is not in a DTA.

Pine Tree Drive from 51st to 63rd Street

- DBE Goal:

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Bridge Rehabilitation) can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. Additionally, staff has met with the design engineer, construction project manager, and members of the industry and concluded that there is no ancillary work required to complete this project which may be subcontracted for CSBE participation. This is highly specialized work that requires special, heavy machinery and/or equipment that are typically owned by the contractor. The only work that initially appeared available for subcontracting was that related to the use of the required barge.

However, after further research by staff it was noted that the industry typically owns their barges and they equip them with various pieces of machinery such as Generators, Hydraulic pumps, and air compressors. Thus requiring the rental or subcontracting of this would not be feasible. Therefore, based on the scope of work required for the project and the previous RC action noted below, PWD recommends No Measure for CSBE participation. However, a recommendation of No Measure does not exclude CSBE firms from submitting a bid for this project should they meet all applicable Contract document requirements.

Comments:

None

CSBE Prime History of similar Contracts/Projects for previous three years:

None

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for CSBE Goal (PWD/SBD):

Not Applicable: Single Trade

Areas used to meet subcontractor goal (Awarded Contractor):

Not Applicable

Similar Projects previously submitted for RC Action:

<u>CSBE Goal</u>	<u>Project No.</u>	<u>Amount achieved:</u>
No Measure	CICC 7360 RPQ No. 20090178-\$449,540.00	Not Applicable
No Measure	CICC 7360 RPQ No. 20090355-\$1,408,636.00	Not Applicable
No Measure	CICC 7360 RPQ No. 20070776-\$10,175,000.00	Not Applicable

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Address Information

Input Address	Output Address	X Coordinate	Y Coordinate
Pine Tree DR and 63 ST 33140	PINE TREE DR and 63RD ST 33141	943740.9375	549882.75
Pine Tree DR and 51 ST 33140	PINE TREE DR and W 51ST ST 33140	943993.3125	543926.9375

Census Information

Tract	Block	Population	Unemployment Rate	Percent LowMod
003906	8	448	n/a	n/a
003906	7	1506	n/a	n/a

Commission District Information

Name	Number
Sally A. Heyman	4

[Please Go Back To Continue Geocoding]

**COST ESTIMATE OF PHASE II BRIDGE REPAIRS
STRUCTURAL AND GENERAL COMPONENTS COST ESTIMATE
PINE TREE DR BRIDGE OVER THE FLAMINGO WATERWAY
BRIDGE NO. 874712**

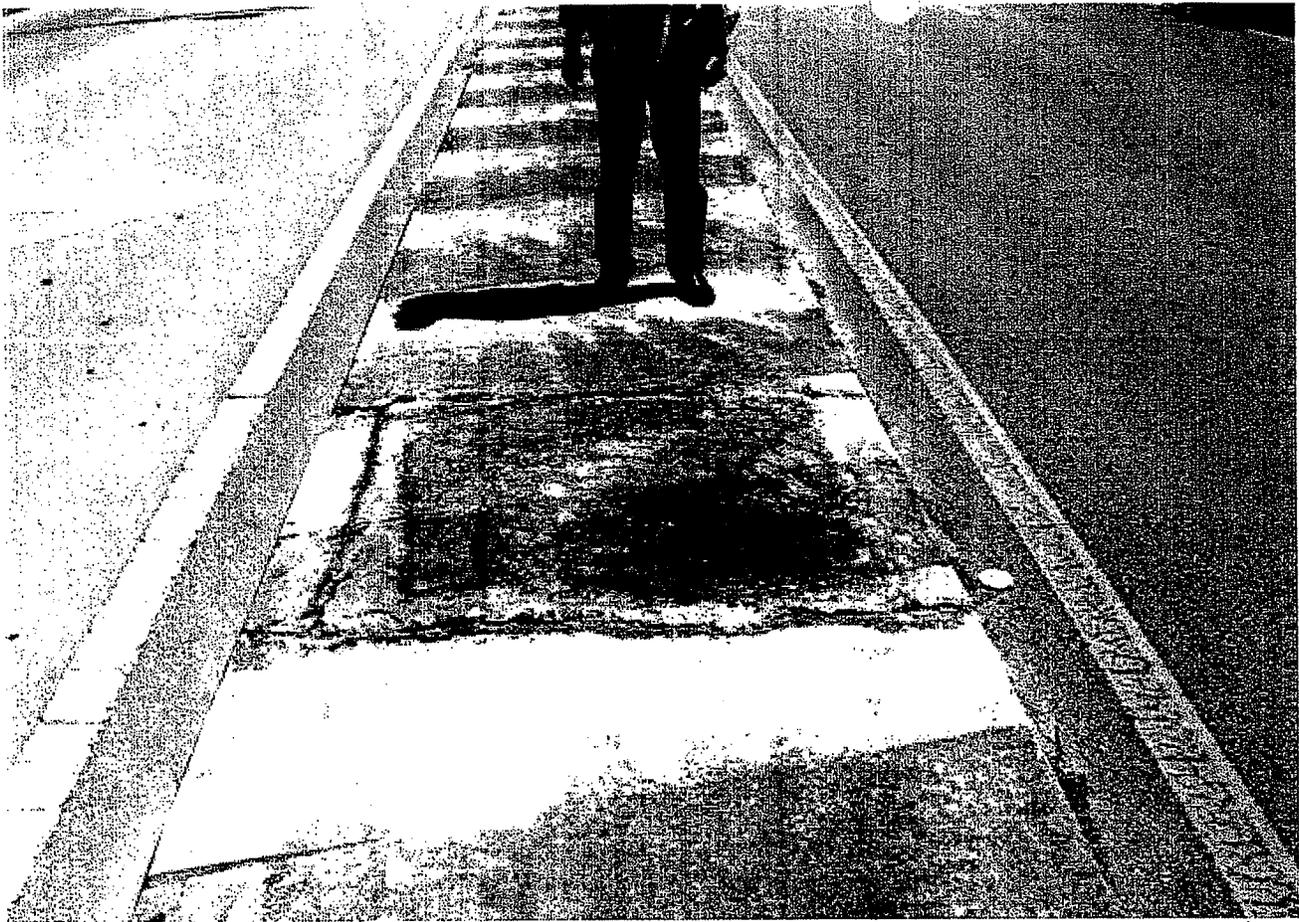
ITEM NO.	ITEM	UNIT	UNIT COST	QUANTITY	COST
101 - 1	MOBILIZATION	LS	\$75,000.00	1.00	\$75,000.00
102 - 1A	MAINTENANCE OF TRAFFIC	LS	\$85,000.00	1.00	\$85,000.00
102 - 60	SPECIAL SIGNS A AND B	ED	\$1.00	6,480.00	\$6,480.00
102 - 71 - 14	BARRIER WALL (TEMPORARY) (FD) (TYPE K)	LF	\$25.00	980.00	\$24,750.00
102 - 71 - 24	BARRIER WALL (RELOCATE) (TYPE K)	LF	\$8.00	990.00	\$7,920.00
102 - 74 - 1	BARRICADES (TEMPORARY, TYPE I, II, VP AND DRUM)	EAVED	\$0.20	6,427.00	\$1,085.40
102 - 78	FLASHING ARROW BOARD (TEMPORARY, MULTIMODE)	EAVED	\$7.00	324.00	\$2,268.00
102 - 77	HIGH INTENSITY FLASHING LIGHT (TEMPORARY TYPE B)	EAVED	\$0.50	3,888.00	\$1,944.00
102 - 79	TEMPORARY BARRIER WALL LIGHTS TYPE C	EAVED	\$0.25	8,016.00	\$2,004.75
102 - 99	VARIABLE MESSAGE SIGN (TEMPORARY)	EAVED	\$15.00	382.00	\$5,430.00
104 - 11B	POST TEMPORARY SIGNS (3X4) (CAUTION MAINTENANCE SIGN)	EA	\$200.00	4.00	\$800.00
104 - 12	FLOATING TURBIDITY BARRIER (INCLUDES MAINTENANCE, RELOCATION AND REMOVAL)	LF	\$10.00	420.00	\$4,200.00
110 - 1 - 1	CLEARING AND GRUBBING	LS	\$10,000.00	1.00	\$10,000.00
110 - 3	REMOVAL OF EXISTING STRUCTURES	LS	\$100,000.00	1.00	\$100,000.00
337 - 7 - 21	ASPHALT CONCRETE FRICTION COURSE (FC 9.5)	TN	\$150.00	20.00	\$3,000.00
400 - 4 - 4	CONCRETE CLASS IV, SUPERSTRUCTURE	CY	\$800.00	53.00	\$42,400.00
400 - 135	CRACK INJECT AND SEAL	LF	\$125.00	30.00	\$3,750.00
400 - 143	CLEANING AND COATING	SF	\$1.20	16,088.77	\$19,304.12
401 - 70 - 1A	STRUCTURAL REPAIRS	CF	\$300.00	16.00	\$4,800.00
415 - 1 - 4	REINFORCING STEEL - SUPERSTRUCTURE	LB	\$1.50	11,448.00	\$17,172.00
460 - 3 - 15	PRESTRESSED SLAB UNIT, 48"x15'	LF	\$200.00	320.00	\$64,000.00
460 - 3 - 55	PRESTRESSED SLAB UNIT, 30"x15'	LF	\$200.00	128.00	\$25,600.00
460 - 7	PRESTRESSED BEAMS, SPECIAL	LF	\$250.00	64.00	\$16,000.00
469 - 1 - 21	BRIDGE DECK EXPANSION JOINTS, REBAR, POURED	LF	\$40.00	130.00	\$5,200.00
480 - 70 - 2	ALUMINUM BULLET RAILING (DOUBLE RAIL)	LF	\$40.00	690.00	\$28,000.00
520 - 1	CONCRETE CURB AND GUTTER	LF	\$20.00	300.00	\$6,000.00
521 - 5 - 1	CONCRETE TRAFFIC RAILING BARRIER (BRIDGE) (32" F SHAPE)	LF	\$100.00	650.00	\$65,000.00
521 - 8 - 20	(SPECIAL) CONCRETE TRAFFIC RAILING BARRIER (RETAINING WALL SYSTEM, MOUNTED WITH SLEEPER SLAB)	LF	\$500.00	300.00	\$150,000.00
538 - 1 - 2	GUARDRAIL (BRIDGE)	LF	\$40.00	90.00	\$3,600.00
544 - 75 - 14	CRASH CUSHION - VEHICULAR IMPACT ATTENUATOR, QUADGUARD	EA	\$20,000.00	1.00	\$20,000.00
711 - 11 - 13	THERMOPLASTIC STANDARD SKIP (WHITE)	LF	\$1.20	715.00	\$858.00
711 - 35	THERMOPLASTIC SOLID STRIPE (WHITE)	LF	\$1.10	715.00	\$786.50
711 - 36	THERMOPLASTIC SOLID STRIPE (YELLOW)	LF	\$1.10	715.00	\$786.50

SUBTOTAL \$801,139

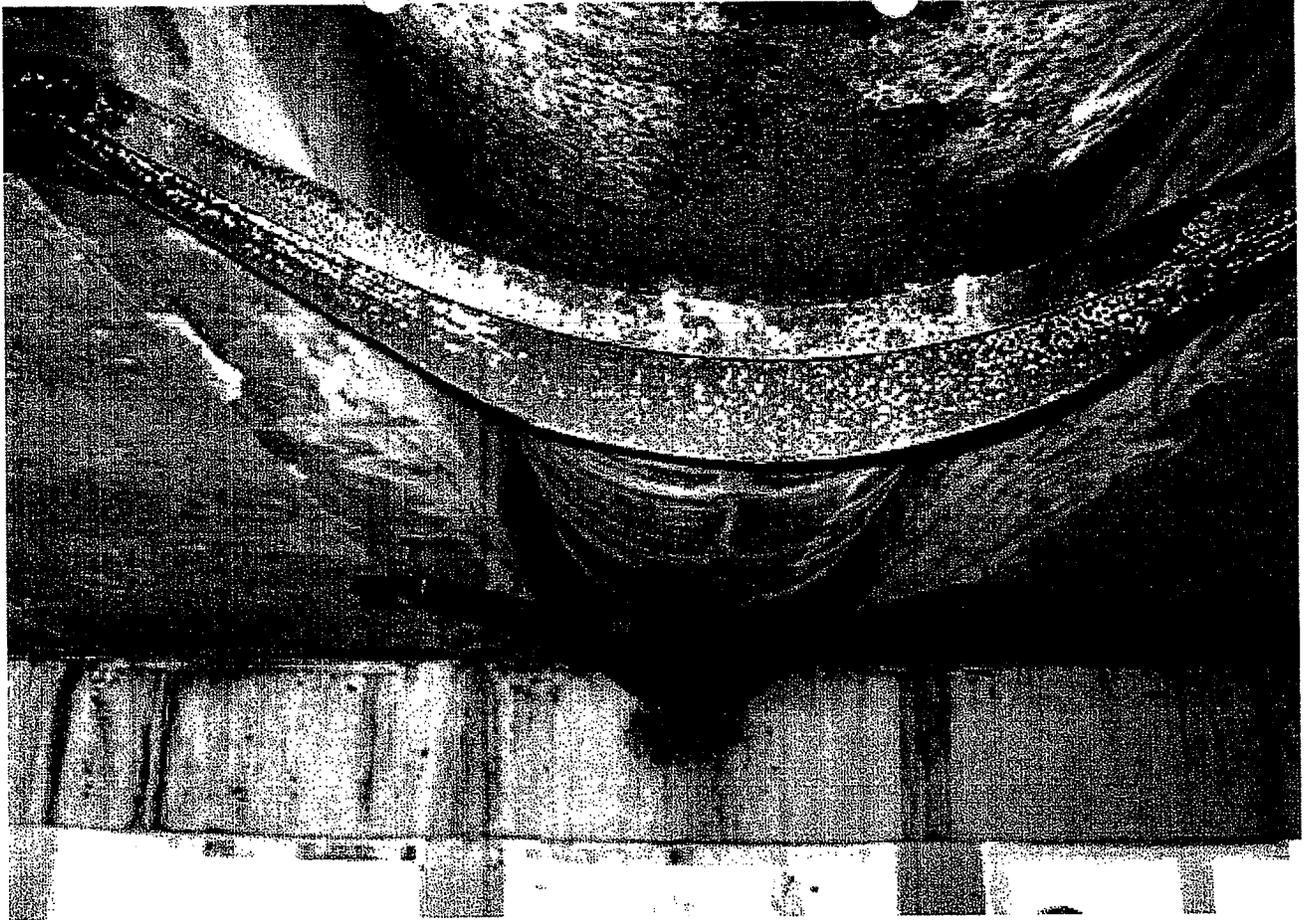
GRAND TOTAL \$897,199

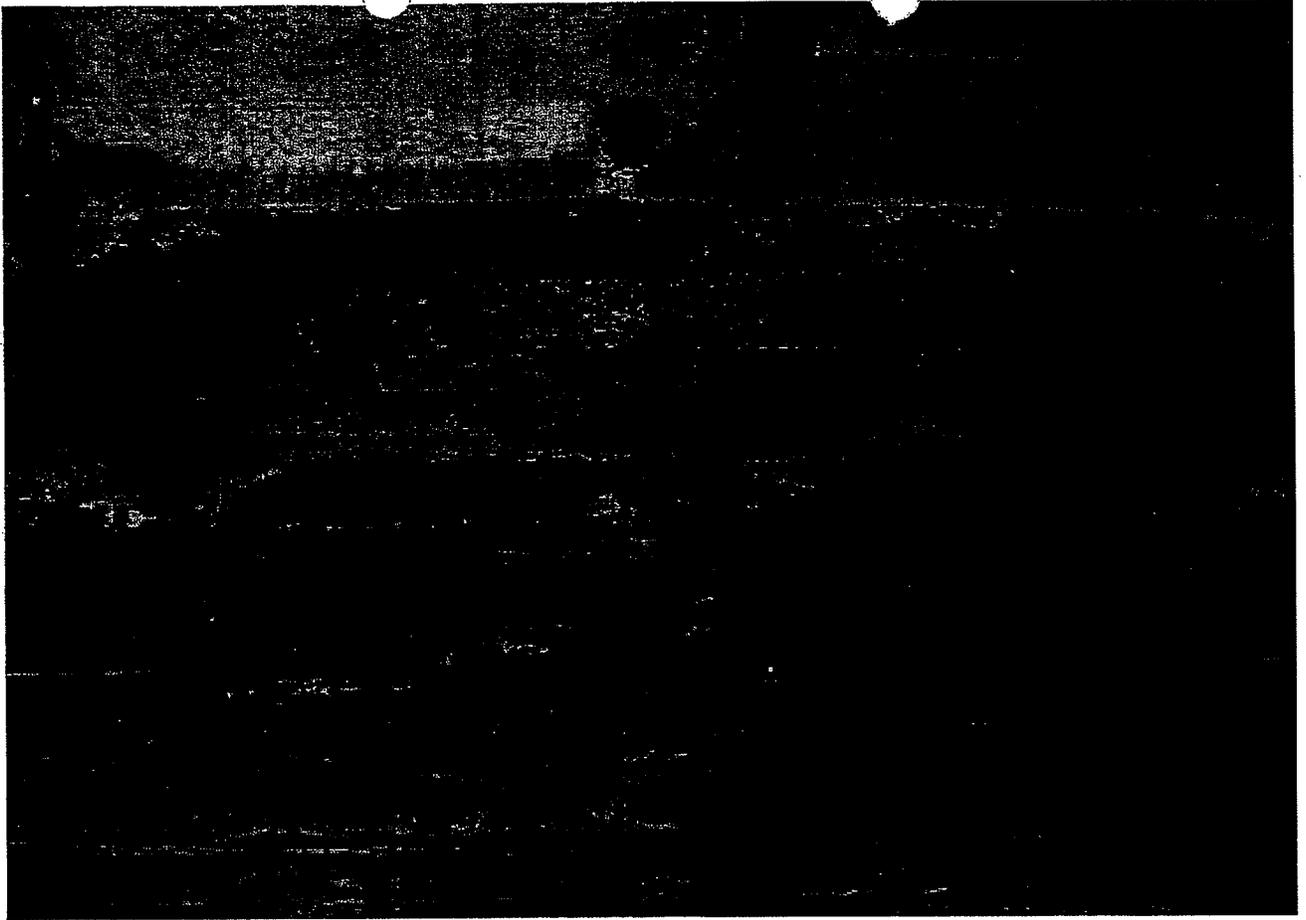
+ 10,000.00 Permits
+ 6,000.00 Police
\$ 897,252.90

1092	80115.00	
	89725.9	











Dept. of Small Business Development
Project Worksheet

Project/Contract Title: IMPROVEMENTS TO PINE TREE DRIVE BRIDGE OVER THE FLAMINGO WATERWAY, PHASE II (SIC 16) RC Date: 08/18/2010
Project/Contract No: CICC 7360-0/08 RPQ NO. 20100557 Funding Source: Item No: 3 -06
Department: PUBLIC WORKS DEPARTMENT SECONDARY GAS TAX (SGT)
Estimated Cost of Project/Bid: \$897,253.00 Resubmittal Date(s):

Description of Project/Bid: To establish a contract that includes furnishing of all supervision, labor, materials, tools, equipment, performing all operations required to construct the work, including but not limited to installing, maintaining and removing temporary floating turbidity barriers, partial closure/temp barriers. Replace entire existing center span 4, existing concrete traffic barrier and steel railing on bridge. Place new concrete traffic barriers and aluminum railing on abutment backwalls. Replace concrete sidewalk curbs on spans 1, 2, 3, 5, 6, and 7; replace steel pipe traffic railing on retaining walls and concrete sidewalk, curb and gutter at retaining walls. Repair deteriorating concrete in curbs, sidewalks, median, pier caps, abutments, retaining walls, seawalls, bridge and approaches. Relocate concrete path at N.E. corner of bridge.

Contract Measures Recommendation

Measure	Program	Goal Percent
No Measure	CSBE	

Reasons for Recommendation

An analysis of the trades required for this project, as well as an analysis of the availability of CSBEs revealed insufficient availability. Notices of availability for a CSBE Level 1 Set Aside were sent to 48 firms, 4 CSBE firms responded. It was determined that respondents did not meet specified requirements.

CWP Not Applicable: Not in DTA

Analysis for Recommendation of a Goal

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
	CSBE	\$0.00		0
Total		\$0.00		

Living Wages: YES NO Highway: YES NO Heavy Construction: YES NO
Responsible Wages: YES NO Building: YES NO

Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.

REVIEW COMMITTEE RECOMMENDATION

Tier 1 Set Aside _____
Set Aside _____ Level 1 _____ Level 2 _____ Level 3 _____
Trade Set Aside (MCC) _____ Goal _____ Bid Preference _____
No Measure Deferred _____ Selection Factor _____

[Signature] 8/18/10 *[Signature]* 8/18/10
Chairperson, Review Committee Date County Manager / Designee Date

SBD CM REVIEW FORM

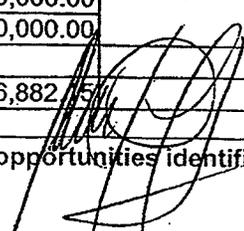
To: Project Review and Analysis Division - Construction
From: SBD CM - Ileana Quintana
Department: Public Works Department **Contact:** Rodney McMillan
Date: 07 / 29 / 2010

PROJECT NUMBER: 20100557
PROJECT TITLE: Improvements to Pine Tree Drive Bridge over the Flamingo Waterway, Phase II
PROJECT LOCATION: Miami Dade County

SCOPE OF WORK/DESCRIPTION: Includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the work in accordance with the Contract Docs; work includes installing, maintaining and removing temporary floating turbidity barriers; temporary partial closure/ temporary barriers, signs and barricades to pedestrian and vehicular traffic; partial closure of existing center span (span 4) including asphalt pavement, concrete deck, curb, sidewalk, median and traffic barriers, steel girders, bearings, railings and utility supports and temporary support all utilities throughout construction; the contractor will also be required to replace the existing concrete traffic barriers and aluminum railing; also responsible for placing new concrete traffic barriers and aluminum railing on abutment backwalls; replacing concrete sidewalk curbs on spans 1, 2, 3, 5, 6 and 7 to extend the sidewalk; replacing the existing steel pipe traffic railing on retaining walls and concrete sidewalk and curb & gutter at retaining walls with new concrete traffic railing barrier/sidewalks and curb & gutter which includes removal of top of concrete retaining walls and granular backfill and install new expansion joints and joint fillers; include repairing deteriorated concrete in curbs, sidewalks, median, pier caps, abutments, retaining walls, seawalls and fascia beams on bridge and approaches with an approved epoxy repair mortar; will have to relocate the concrete path at the northeast corner of bridge; the placement of guardrails on approaches at ends of retaining walls is required.

SPECIAL REQUIREMENTS: Must demonstrate a minimum of five years of continual experience as the prime contractor in projects with scopes comparable.

TRADES/SUBTRADES	AMOUNT	COMMENTS
Mobilization	\$75,000.00	MOT
Maintenance of traffic	\$85,000.00	
Special signs A & B	\$6,480.00	
Barrier wall temporary	\$24,750.00	
Barrier wall temporary relocate	\$7,920.00	
Barricade temporary	\$1,085.40	
Flashing arrow board	\$2,268.00	
High intensity flashing lights temporary type B	\$1,944.00	
Temporary barrier wall lights type C	\$2,004.75	
Variable message sign	\$5,430.00	
Post temporary signs Caution Manatee Sign	\$800.00	
Floating turbidity barrier	\$4,200.00	
Clearing & grubbing	\$10,000.00	
Removal of existing structures	\$100,000.00	
	\$326,882.50	No additional subtrades areas. Primary scope of work includes all line items noted. Licenses: General Engineering; Specialty Engineering Contractor: Structural Engineering

Small Business Development Signature:  Date: 08 / 02 / 2010
 * Trades/Subtrades possible subcontracting opportunities identified by SBD CM

- PWD is recommending No Measure for CSBE participation.

BD CM REVIEW FORM

TRADES/SUBTRADES	AMOUNT	COMMENTS
	\$326,882.15	
Asphalt concrete friction course	\$3,000.00	No additional subtrades areas. Primary scope of work includes all line items noted. Licenses: General Engineering; Specialty Engineering Contractor: Structural Engineering
Concrete class IV superstructure	\$42,400.00	
Crack inject and seal	\$3,750.00	
Cleaning & coating	\$19,304.12	
Structural repairs	\$4,800.00	
Reinforcing steel superstructure	\$17,172.00	
Prestressed slab unit 48x15	\$64,000.00	
Prestressed slab unit 36x15	\$25,600.00	
Prestressed beams	\$16,000.00	
Bridge deck expansion	\$5,200.00	
Aluminum bullet railing	\$26,000.00	
Concrete traffic railing barrier	\$65,000.00	
Special concrete traffic railing barrier	\$150,000.00	
Guardrail (bridge)	\$3,600.00	
Crash cushion	\$20,000.00	
		Concrete Contractor
Concrete curb & gutter	\$6,000.00	Possible subcontracting opportunity
		Painting Contractor (Marking & Signage)
Thermoplastic standard skip white	\$858.00	Possible subcontracting opportunity
Thermoplastic solid stripe white	\$786.50	
Thermoplastic solid stripe yellow	\$786.50	
	\$801,139.27	
Contingency 10%	\$80,113.92	
	\$881,253.19	
Permits	\$10,000.00	
Police	\$6,000.00	
Total Estimated Construction Cost	\$897,253.19	

- PWD is recommending No Measure for CSBE participation.