

SBD - CM Review Form

To:	Project Review & Analysis - Construction		
From:	SBD CM - Eddy V. Etienne Jr.		
Department:	Department of Transportation and Public Works	Contact:	James Ferrerira
Date:	6/7/2018	Resubmittal:	

PROJECT NUMBER:	20180090
PROJECT TITLE:	William Powell Bridge Expansion Joint and Fender System Rehabilitation
PROJECT LOCATION:	Biscayne Bay, Downtown Miami

SCOPE OF WORK/DESCRIPTION: The work includes but is not limited to the following: replacement of the William Powell Bridge Expansion joints, restored concrete spall repair areas, crack injection in Bridge Concrete elements, replacement of Navigation Bridge Fender system and Navigation lights.

SPECIAL REQUIREMENTS: Required Contractor's Certification:

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 Certificate of Competency from the County's Construction Trades Qualifying Board as a Specialty Engineering Contractor, commensurate to the requirements of the Project's 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; or

Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been pre-qualified 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, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Major Bridge – Bridges of Conventional Construction which are over a Water Opening of 1,000 Feet or More Work Class.

Experience Requirement:

The Bidder, through full-time personnel employed by the Bidder, must demonstrate their experience as the prime contractor or subcontractor in at least one successfully completed project performed in the Public Right-of-Way whose bulk work is similar in detail to the Project's Scope of Work described in these Solicitation Documents.

Demonstrate the experience requirement by:

Providing a detailed description of all projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder is currently engaged or has completed within the past ten years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or similar size private entities. 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; provide letters of certification of final acceptance or similar project closure documentation and/or Contractor's evaluation/performance; or

Pursuant to Section 255.20, F.S., the County may consider a bid from a Bidder in good standing, meeting the license

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requirements above, that 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 Major Bridge – Bridges of Conventional Construction which are over a Water Opening of 1,000 Feet or More Work Class, Certification of Work Underway, and Status of Contract(s) On Hand.

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
Prime Contractor			
MOBILIZATION (APPROX. 7%)	\$212,983.93	5.95%	Must meet Special Requirements. *Possible Subcontracting Opportunities.
MAINTENANCE OF TRAFFIC. (TENTATIVE 240 DAY)	\$72,000.00	2.01%	
WORK ZONE SIGNS.	\$3,370.00	0.09%	
BARRICADES (TEMPORARY)TYPE I, II, VP & DRUM	\$24,430.00	0.68%	
BARRICADES (TEMPORARY) TYPE III. (6')	\$460.25	0.01%	
PANEL ARROWS ADVANCE WARNING.	\$1,080.00	0.03%	
VARIABLE MESSAGE SIGNS.	\$2,880.00	0.08%	
FLOATING TURBIDITY BARRIER.	\$15,072.00	0.42%	
BRIDGE FENDER SYSTEM. REMOVAL AND DISPOSAL	\$87,600.00	2.45%	
STRUCTURAL TIMBER (REMOVAL AND DISPOSAL)	\$45,300.00	1.26%	
BRIDGE APPROACH EXPANSION CONCRETE PAVEMENT	\$17,732.00	0.50%	
EPOXY MATERIAL (STRUCTURAL REHABILITATION)	\$600.00	0.02%	
CRACKS INJECT AND SEAL.	\$10,540.00	0.29%	
CLEAN AND COAT CONCRETE SURFACE CLASS 5	\$95,046.00	2.65%	
RESTORED SPALLED AREAS (LATEX MODIFIED MORTAR)	\$26,000.00	0.73%	
RESTORED SPALLED AREAS (CONTRACTOR OPTIMUM)	\$3,500.00	0.10%	
BEAMS REPAIR.	\$3,000.00	0.08%	
PRESTRESSED CONCRETE PILING 14".	\$1,072,000.00	29.93%	
BRIDGE DECK EXPANSION JOINT REHABILITATION	\$7,100.00	0.20%	
BRIDGE DECK EXPANSION JOINT REHABILITATION	\$435,400.00	12.16%	
LADDER & PLATFORM.	\$25,000.00	0.70%	
POLYMERIC FENDER SYSTEM.	\$650,250.00	18.16%	
NAVIGATION LIGHTS. FIXED BRIDGE.	\$55,000.00	1.54%	
NAVIGATION LIGHTS FIXED BRIDGE (REMOVAL)	\$6,500.00	0.18%	
FENCING TYPE B - 6'-0" (CHAIN LINK FENCE).	\$2,100.00	0.06%	
Subcontractor			
PATTERNED PAVEMENT, GREEN BIKE LANE	\$349,003.20	9.75%	*Possible Subcontracting Opportunities
AUDIBLE & VIBRATORY PAVEMENT MARKINGS,	\$8,248.23	0.23%	
Y/Y RETRO-REFLECTIVE PAVEMENT MARKERS	\$1,732.50	0.05%	
THERMOPLASTIC STANDARD-OTHER SURFACES	\$2,013.20	0.06%	
THERMOPLASTIC STANDARD-OTHER SURFACES	\$5,544.00	0.15%	

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TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
THERMOPLASTIC STANDARD-OTHER SURFACES	\$5,913.60	0.17%	
THERMOPLASTIC STANDARD WHITE MESSAGE I	\$2,680.00	0.07%	
THERMOPLASTIC STANDARD WHITE ARROW	\$1,950.00	0.05%	
THERMOPLASTIC STANDARD-OTHER SURFACES, YELL	\$3,582.60	0.10%	
BASE TOTAL	\$3,255,611.51	90.91%	
Contingency Allowance (10% of Base Estimate)	\$325,561.15	9.09%	
TOTAL AMOUNT	\$3,581,172.66	100.00%	

Small Business Development Signature:  Date: 6-7-18
 *Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM
 DTPW is recommending 10.63%