


Date: February 13, 2020

To: Gary T. Hartfield, Division Director
Small Business Development Division
Internal Services Department

From: 
Alfredo E. Munoz, P.E.
Chief, Capital Improvements Division
Department of Transportation and Public Works

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts: MCC 7360 Plan
CICC 7360-0/08 - Request for Price Quotation (RPQ)
No. 20200081 and 20200090
Guardrail Improvements Multiple Sites A and B

RECOMMENDATION

The Department's Capital Improvements staff completed the review of the subject RPQs in accordance with the applicable provisions of Implementing Order 3-22 and does not recommend a Small Business Enterprise - Construction (SBE-CONST) measure. A Community Workforce Program (CWP) goal, if applicable, is to be determined by Small Business Development.

Scope of Work:	Single Trade – Guardrail Maintenance
Engineer Project Base Cost Estimate Including Contingency:	\$2,327,866.58 per contract
SBE-CONST Measure:	N/A
SBE-GS Measure:	N/A
CWP:	As Applicable

SCOPE OF WORK

Work included under this contract consists of furnishing all supervision, labor, materials, equipment and tools to perform the necessary tasks associated with this project. Work may include but not limited to one or all of the following general tasks: cleaning, grubbing, grading, guardrails, asphalt/concrete work, sidewalk, fence and light pole relocation, and sodding as needed. Temporary on-site staging within the right-of-way may be allowed as long as it does not create a hazardous condition upon approval by the Engineer.

BACKGROUND

On November 3, 2016, the Department of Transportation and Public Works (DTPW) advertised project 20160287 under the MCC 7040 plan. On November 30, 2016, one bidder submitted a proposal 56% above the Engineering estimate. The Department has seen a similar trend on these type of contracts. For instance on March 2nd, 2016, we received only one proposal under project 20150188, which was 160% above the engineer's estimate. The project was canceled and re-advertised under project 20160068. On January 5, 2017, we opened bids for RPQ 7360, Project 20160346, and were able to obtain three (3) bidders.

We respectfully request to have these project advertised as a MCC 7360, in order to increase the pool of bidders as we did for project 20160346.

Should you require any additional information, please call me at (305) 375-2097, or Jean Bernard Philippeaux at (305) 375-3547.

Attachments (2)

AM/jbp


cc:

Laurie Johnson, ISD/SBD
Jhonnatan Escalante, ISD/SB
Bassam Moubayed, DTPW
Joaquin Rabassa DTPW
Bernard Philippeaux, DTPW

Roxana Bayarre, P.E., DTPW
Fred L. Valero, DTPW
Patricia Carbonell DTPW
File

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

To: Gary T. Hartfield, Division Director
Small Business Development Division
Internal Services Department

From: 
Alfredo E. Muñoz, P.E.
Department of Transportation and Public Works
Chief, Capital Improvements Division

Date: Wednesday, February 13, 2020

CONTRACT INFORMATION

Contract Type: 7360: Single Trade – Guardrail Improvements

Request for Price Quotation (RPQ) No: 20200081, 20200090

RPQ Title: Guardrail Improvements – Multiple Sites A and B

Re-submittal: No

Standard Industrial Code (SIC) / North American Industry Classification Code (NAICS): 2379 / 237990 – Heavy and Civil Engineering Construction

Estimated Base Project Cost including Contingency: \$2,327,866.58 per contract

Funding Source: Road Impact Fees (RIF)

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

Method of Award: Line Item

PROJECT INFORMATION

Scope of Work

Work included under this contract consists of furnishing all supervision, labor, materials, equipment and tools to perform the necessary tasks associated with this project. Work may include but not limited to one or all of the following general tasks: cleaning, grubbing, grading, guardrails, asphalt/concrete work, sidewalk, fence and light pole relocation, and sodding as needed. Temporary on-site staging within the right-of-way may be allowed as long as it does not create a hazardous condition upon approval by the Engineer.

RPQ No.: 20200081, & 20200090
RPQ Title: Guardrail Improvements Multiple Sites A and B

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 General Building Contractor, 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 paving engineering or fence 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, 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 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, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the Work specified in the Contract Documents include the Guardrail Work Class.

Experience Requirement:

The Bidder must demonstrate that it has full-time personnel with the necessary experience to perform the Project's Scope of Work. This experience shall include work in successfully completed projects performed by the identified personnel whose bulk of work performed in the Public Right-of-Way 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 at least three (3) projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder's identified personnel is currently engaged or has completed within the past five years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or private entities. The description must identify for each project: 1) The identified personnel and their assigned role and responsibilities for the listed project, 2) The client name and address including a contact person and phone number for reference, 3) Description of work, 4) Total dollar value of the contract, 5) Contract duration, 6) Statement or notation of whether Bidder's referenced personnel is/was employed by the prime contractor or subcontractor, and, 7) For completed projects, provide letters of certification of final acceptance or similar project closure documentation issued by the client and available Contractor's performance evaluations; or

Pursuant to Section 255.20, F.S., the County may consider a bid from a Bidder in good standing, meeting the license 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 Guardrail Work Class, Certification of Work Underway, and Status of Contract(s) On Hand.

RECOMMENDATION

Areas for Possible Measures: N/A

Areas Recommended for SBE-construction Participation: N/A

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- SBE-CONST Goal:
- SBE-GS Goal:
- CWP: As Applicable.
- DBE Subcontractor Goal

Reason for Recommendation:

DTPW has in the past advertised similar type of projects under the 7040 plan, resulting in no bids, or single bidders with prices too high which in turn resulted in lengthy and costly re-advertisements. Examples of recently canceled projects are 20160297, 20160287, and 20150188

This is a single trade project; none of the primary trade related work (Guardrail) can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications.

Based on the review of the scope of work for the subject RPQ and the analysis of factors contained in Section VI D of Implementing Order 3-22, the Department does not recommend a subcontractor goal.

Similar Projects previously submitted for Project Review and Analysis Process:

20160346

SBE-CONST Goal / Project No. / Amount achieved: As determined by SBD

Guardrail Improvements sites for contracts 20200081 and 20200090

SW 52 TERR from SW 64 AVE to SW 63 AVE
SW 76 St. from SW 103 PL to SW 105 AVE
SW 87 AVE from SW 216 ST to Marina Entrance
SW 117 AVE from AT SW 128 to ST
SW 268 ST from SW 119 AVE to SW 107 AVE
SW 137 AVE from S/O SW 184 to ST
SW 212 ST from SW 117 AVE to SW 119 AVE
SW 188 St from SW 105 Ave to SW 104 Ave
SW 16 ST from AT SW 84 to AVE
SW 132 AVE from SW 127 DR to SW 85 ST
SW 14 ST from SW 84 AVE to SW 84 CT
SW 142 AVE from SW 84 ST to K. Lakes Blvd.
SW 157 AVE from S/O SW 136
SW 47 ST and E MEADOW LKS Dr
COUNTRY WALK DRIVE AT SW 144 AVE
N. MEADOW DR from AT SW 47 to ST
SW 152 AVE from SW 43 TERR to SW 42 TERR
SW 162 AVE from SW 86 TERR to SW 83 ST
SW 62 ST from SW 138 CT to SW 139 CT
Kendale Lake Blvd from SW 137 AVE to SW 138 CT
NW 41 ST from AT NW 90 to AVE
NW 107 AVE from n/o NW 41 to ST
NW 82 AVE from NW 188 TERR to NW 191 ST (E/S)
NW 82 AVE from NW 188 TERR to NW 191 ST (W/S)
NW 173 DR AT NW 76 CT

COUNTYWIDE GUARDRAIL COST ESTIMATE

Item No.	Description	Unit	Unit Prices	Quantities	Total Price
102-74-1	Barricades (temporary - Types I, II, VP and Drum)	E.A./day	\$ 0.60	63,964	\$ 38,378.40
102-76A	Advance Warning Arrow Panel	E.A./day	\$ 15.00	10,293	\$ 154,395.00
104-10-3	Sediment Barrier	L.F.	\$ 5.0	21,155	\$ 105,775.00
104-18	Inlet Protection System	E.A.	\$ 73.0	65	\$ 4,745.00
520-1-10	subgrade)	L.F.	\$ 30.0	20,279	\$ 608,370.00
522-1(1)	Concrete Sidewalk (4" thick)(3000 P.S.I.)(Including pedestrian ramps and sidewalk curbs)	S.Y.	\$ 50.0	4,354	\$ 217,700.00
522-2	Concrete Sidewalk (6" thick)(3000 P.S.I.)(Including pedestrian ramps and sidewalk curbs)	S.Y.	\$ 61.0	240	\$ 14,640.00
536-1-1E	Guardrail-Roadway, General TL-3	L.F.	\$ 66.15	37,259	\$ 2,464,826.15
536-10	S.F. Water Management District Steel Arm Access Gate (Single) (as shown on Detail drawings included in the Special Provisions)	E.A.	\$ 868.00	5	\$ 4,340.00
536-10-1	S.F. Water Management District Steel Arm Access Gate (Double) (as shown on Detail drawings included in the Special Provisions)	E.A.	\$ 1,380.00	1	\$ 1,380.00
536-12-1B	Guardrail Gate Opening (Complete including all items as shown on details) Deletible Item	E.A.	\$ 1,087.90	8	\$ 8,703.20
536-2-7	REFLECTORS(Sealed acrylic plastic prismatic)	E.A.	\$ 8.67	5,736	\$ 49,731.12
536-6A	Pipe Rail for Guardrail	L.F.	\$ 14.85	16,894	\$ 250,875.90
536-7-1	Special Guardrail Post - Deep Post for Slope Break Condition - Timber or Steel	E.A.	\$ 192.50	135	\$ 25,987.50
536-70-6A	Core Drill and patch sidewalk	E.A.	\$ 45.00	1,194	\$ 53,730.00
536-73B	GUARDRAIL REMOVAL	L.F.	\$ 29.34	1,555	\$ 45,619.04
536-8-2	END SECTION (Rounded)	E.A.	\$ 143.00	56	\$ 8,008.00
536-85-24	GUARDRAIL END ANCHORAGE ASSEMBLY (Parallel) (Type SKT - 350)	E.A.	\$ 3,568.40	45	\$ 160,578.00
550-5	RELOCATE EXISTING FENCE	L.F.	\$ 22.38	315	\$ 7,049.70
580-327-21R	Relocation of Trees greater than 6" diameter up to 12" diameter	E.A.	\$ 800.0	3	\$ 2,400.00
575-2A	Sodding - St Augustine, or match existing, includes watering and maintenance. Contingent item based on field conditions, may be increased, or decreased by the engineer.	S.Y.	\$ 7.00	3	\$ 21.00
700-40-01	ROADSIDE SIGNS {(SINGLE POST) (LESS THAN 12 S.F.)}	ASSY.	\$ 375.67	4	\$ 1,502.68
711-11-121	Thermoplastic (White) (Solid) (6")	L.F.	\$ 1.00	3,729	\$ 3,729.00
SUBTOTAL					\$ 4,232,484.69
999	CONTINGENCY FUND (10% of subtotal amount)				\$ 423,248.47
102-1	MAINTENANCE OF TRAFFIC (Including temporary reflective pavement markers, markings, traffic cones, temporary signs, flag men, etc)				\$ 84,649.69
800-7	FPL UTILITY RELOCATION ALLOWANCE				\$ 10,000.00
990	ALLOWANCE PERMITS				\$ 820.00
TOTAL CONSTRUCTION					\$ 4,751,202.85

Pay Item Notes:

1. The guardrail items include the cost of panels of various radius (10', 15', 20', etc. 6.25' or 12.5' sections) and any miscellaneous asphalt under guardrails as per FDOT standards.
2. Core drill and patch work includes various size holes.