

# Memorandum



**Date:** December 10, 2013

**To:** Sherri McGriff, Director, Business Opportunity Support Services  
Department of Regulatory and Economic Resources

**From:** John Gutierrez, Special Projects Administrator 1  
Parks, Recreation and Open Spaces Department *JG*

**Subject:** Miami Metro Zoo Amphitheater Canopy - No. 592500-12-001

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We respectfully request that you review the attached recommendation for CSBE goals. This is a resubmittal from December 2012. Originally this project was submitted to SBD with an estimate based on schematic drawings, and therefore, the estimate was very low. After re-estimating the project with 100% drawings completed both CSBE availability and project dollar value were changed.

**General Descriptions of Work:**

Construction will consist of a half-dome framed in steel wide flange sections. The primary radial elements will follow the layout of the existing seating bowl. Rolled wide flange arches, spanning between the radials, will support a shade membrane. The roof (shade membrane) will be supported at seven locations on steel pipe columns.

**Project Criteria:**

Proposers must have a minimum of 10 years of experience in building tensioned canopy structures. Additionally, proposers must have completed no less than three tensioned canopy structures with construction costs above \$1,000,000. This project requires a highly experienced, qualified, and specialized firm that deals with this specific type of structure.

An analysis of the CSBE Program Ordinance 97-52 as Amended by A.O 3-22 has been conducted and the Department suggests a 5.84% CSBE goal for the following trades; site preparation, foundation piles/soil anchors, drainage, concrete, plumbing and electrical. These areas of participation identified do not require the strict criteria recognized in the preceding paragraph.

Thank you in advance for your cooperation.

**Attachments:** Project Measure Analysis and Recommendations  
Exhibit "A" Construction Breakdown  
Exhibit "B" General Conditions / Site Work Breakdown

**Copy:** Laurie Johnson  
Vivian Forhat-Diaz  
Kelly Duncombe

**DEPARTMENT INPUT**  
**CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

Check applicable Ordinance(s):  90-143 Responsible Wage and Benefits  03-1 Community Workforce Program (CWP)

**PROJECT INFORMATION** See attachment

Contract/Project/Work Order No.: 592500-12-001

Contract/Project Title: Miami Metro Zoo – Amphitheater Canopy (SIC 15)

Description/Scope of Work: Construction will consist of a half-dome framed in steel wide flange sections. The primary radial elements will follow the layout of the existing seating bowl. Rolled wide flange arches, spanning between the radials, will support a shade membrane. The roof (shade membrane) will be supported at seven locations on steel pipe columns.

ESTIMATED COST	\$2,736,693.40	Funding Source	Zoo Trust / GOB
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Location of Project: 12400 SW 152nd Street, Miami Florida, 33177

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)** See attachment

Engineer's Estimate of required Workforce:

Trade/Skills Required	Est. # of workforce required	Est. # of total days to complete job
N/A		

Comments: Not in a DTA

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE)** See attachment

**RECOMMENDATION**

SUB-TRADE	EST. COST	% OF EST. COST	AVAILABILITY
SITE PREP	\$ 29,048.00		1.06%
FOUNDATION PILES SOIL ANCHORS	\$ 47,640.00		1.74%
DRAINAGE	\$ 4,100.00		0.15%
CONCRETE	\$ 30,406.20		1.11%
PLUMBING	\$ 23,000.00		0.84%
ELECTRICAL	\$ 25,500.00		0.93%
	<b>\$ 159,694.20</b>		<b>5.84%</b>

Set-Aside: Level 1  Level 2  Level 3  Trade Set-Aside  Sub-Contractor Goal  Workforce Goal  No Measure

**Basis for Recommendation:** Analysis of Ordinance 97-52 and A.O. 3-22 indicates that a 5.84% CSBE Sub-Contractor Goal is appropriate for this project.

Prepared By: John Gutierrez, Special Projects Administrator I *JG*

Approved By: \_\_\_\_\_

Signature: \_\_\_\_\_

Date submitted to SBD: 12/10/2013

PARK NAME: / Zoo Miami Amphitheatre Date: 12/10/13  
 #592600-12.001  
 Cost Estimate Prepared by: WKO No.:

ITEM #	TASK DESCRIPTION	TOTALS	%
1	GENERAL REQUIREMENTS	\$265,892.00	10.7%
2	SITWORK	\$278,848.00	11.2%
3	CONCRETE	\$30,406.20	1.2%
4	MASONRY	\$0.00	0.0%
5	METAL	\$0.00	0.0%
6	WOOD AND PLASTIC	\$0.00	0.0%
7	THERMAL AND MOISTURE PROTECTION	\$0.00	0.0%
8	DOORS AND WINDOWS	\$0.00	0.0%
9	FINISHES	\$0.00	0.0%
10	SPECIALTIES	\$0.00	0.0%
11	EQUIPMENT	\$0.00	0.0%
12	FURNISHINGS	\$0.00	0.0%
13	SPECIAL CONSTRUCTION	\$1,733,872.80	69.8%
14	CONVEYING SYSTEMS	\$0.00	0.0%
15	PLUMBING, HEATING, A/C	\$23,000.00	0.9%
16	ELECTRICAL	\$25,500.00	1.0%
	Alt 1 Bird Netting	\$37,477.00	1.5%
	Alt 2 Acoustical Panels	\$59,290.00	2.4%
	Alt 3 Electrical Conduits	\$21,780.00	0.9%
	Alt 4 Lightning Protection	\$9,367.00	0.4%
	<b>DIVISION SUBTOTAL</b>	<b>\$2,485,433.00</b>	<b>95%</b>
	free text - Not Used	\$0.00	
	<b>BASE ESTIMATE (B.E.)</b>	<b>\$2,485,433.00</b>	
	( 5% )CONTINGENCY ALLOWANCE (.05 * B.E.)	\$124,271.65	
	PERMIT ALLOWANCE	\$18,640.75	
	SPECIAL DEDICATED ALLOWANCE ( )	\$108,348.00	
	SPECIAL DEDICATED ALLOWANCE (free text)		
	SPECIAL DEDICATED ALLOWANCE (free text)		
	<b>SUBTOTAL - SPECIAL DEDICATED ALLOWANCE</b>	<b>\$108,348.00</b>	
	ART IN PUBLIC PLACES ALLOWANCE (.015*B.E.)	\$18,640.75	
	<b>TOTAL DEDICATED ALLOWANCE (PERMIT + AIPP)</b>	<b>\$126,988.75</b>	
	<b>TOTAL ESTIMATED CONSTRUCTION COST</b>		<b>\$2,736,693.40</b>

**Zoo Miami Amphitheatre Canopy**  
**592500-12-001**  
**PRELIMINARY BREAKDOWN**  
**EXHIBIT "B"**

**A. General Requirements**

- 1 Bond & Insurances
- 2 Project Supervision
- 3 Surveyor
- 4 Equipment/Mobilization
- 5 Temporary Utilities
- 6 Trash removal/Clean up
- 7 Project records as-built

Total

<b>\$265,892.00</b>
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**B. Site Work**

1	Site preparation	<u>GOAL</u>	\$29,048.00
2	Foundations/Piles/Soil Anchor:	<u>GOAL</u>	\$47,640.00
3	Drainage	<u>GOAL</u>	\$4,100.00
4	New Planting Access Landscape	N/A	\$198,060.00

Total

<b>\$278,848.00</b>
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## Small Business Development Division Project Worksheet

**Project/Contract Title:** MIAMI METRO ZOO - AMPHITHEATRE CANOPY **Received Date:** 12/24/2012  
**Project/Contract No:** 592500-12-001 **Funding Source:**  
**Department:** PARKS & RECREATION FEMA, TRUST, GENERAL  
**Estimated Cost of Project/Bid:** \$1,455,595.00 FUND  
**Description of Project/Bid:** To establish a project that will consist of a half-dome framed in steel wide flange sections. The primary radial elements will follow the layout of the existing seating bowl. Rolled wide flange arches, spanning between the radials, will support a shade membrane. The roof (shade membrane) will be supported at seven locations on steel pipe columns. **Resubmittal Date(s):**

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	CSBE	4.08%

**Reasons for Recommendation**

An analysis of the factors contained in Section VI C of Implementing Order 3-22 indicate that a CSBE Subcontractor Goal is appropriate in the following trade categories: Electrical (Electrical Contractors), Wood and Plastic (Finish Carpentry Contractors), and Concrete (Other Foundation, Structure, and Building Exterior Contractors).

Verification of Availability to Bid Letters were sent to CSBE certified firms in an attempt to recommend a CSBE Level 1 Set-Aside. No firm responded indicating that it could meet this project's requirements.  
 CWP Not Applicable: Not in DTA

Trade Category: 237310-Highway, Street, And Bridge Construction; 238190-Other Foundation, Structure, And Building Exterior Contractors; 238210-Electrical Contractors And Other Wiring Installation Contractors; 238350-Finish Carpentry Contractors; 238990-All Other Specialty Trade Contractors

Small Business Contract Measure Recommendation				
Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
Other Foundation, Structure, and Building Exterior Contractors	CSBE	\$12,081.44	0.83%	9
Finish Carpentry Contractors	CSBE	\$25,181.79	1.73%	15
Electrical Contractors and Other Wiring Installation Contractors	CSBE	\$22,125.04	1.52%	121
<b>Total</b>		\$59,388.28	4.08%	

**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 RECOMMENDATION		
Tier 1 Set Aside _____	Tier 2 Set Aside _____	
Set Aside _____	Level 1 _____	Level 2 _____
		Level 3 _____
Trade Set Aside (MCC) _____	Goal _____	Bid Preference _____
No Measure _____	Deferred _____	Selection Factor _____
CWP _____	SBD Director _____	Date _____