

Memorandum



Date: 12/17/2013

To: Laurie Johnson, SPEE Manager, ISD - Business Opportunity Support Services
Department of Regulatory and Economic Resources

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

Subject: West Perrine Park - Family Aquatic Facility – Project No. 503204-05-001

We respectfully request that you review the attached recommendation for CWP and CSBE goals.

General Descriptions of Work:

A learn to Swim Program Pool with a 4-lane Lap Pool, One Plunge Open Slide and zero entry area. Pool Deck lighting, spectator seating area (3-tier bleacher), Kids Water Activity Pool, Bath House building (Approx. 5,400 Sq.Ft.) with Concession stand, exterior Vending and Locker Area, Staff changing room with restrooms and showers, First Aid room, Managers Office, Public Male and female shower and restrooms, Janitor's closets and service area, Pool Deck equipment storage, Pool Mechanical, Chlorine, Pump Filter & Chemical Room, One 30'x30' Open shelter.

Project Criteria:

Proposers must have a minimum of 5 years of experience in building Commercial Swimming Pools and/or Aquatic Facilities. Additionally, proposers must have completed no less than two Commercial Swimming Pools and/or Aquatic Facilities projects in the past 5 years. We did not recommend any goals under the CSI Division 13 Special Construction portion of the construction because we were not sure there were any qualified firms available to fulfill this requirement. Approximately 37% of this project is Aquatic Facilities construction. Please require that CSBE firms that state they have this experience provide project names, dollar values and contact information for verification purposes.

An analysis of the CSBE Program Ordinance 97-52 as Amended by A.O 3-22 has been conducted and the Department suggests a CWP goal of **10%** and a **17.92%** CSBE goal for the following trades; Site Preparation, Earthwork, Concrete, Masonry, Metal, Wood & Plastic, Doors & Windows, Finishes, Plumbing, and Electrical. These areas of participation identified do not require the 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
Trade Skills Breakdown

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: 503204-05-001

Contract/Project Title: West Perrine Park - Family Aquatic Facility

Description/Scope of Work: (Base Bid) - A learn to Swim Program Pool with a 4-lane Lap Pool, One Plunge Open Slide and zero entry area. Pool Deck lighting, spectator seating area (3-tier bleacher), Kids Water Activity Pool, Bath House building (Approx. 5,400 Sq.Ft.) with Concession stand, exterior Vending and Locker Area, Staff changing room with restrooms and showers, First Aid room, Managers Office, Public Male and female shower and restrooms, Janitor's closets and service area, Pool Deck equipment storage, Pool Mechanical, Chlorine, Pump Filter & Chemical Room, One 30'x30' Open shelter.

Estimated Cost: \$4,229,244.42

Funding Source: GOB

Location of Project: 10355 S.W. 172 Street Miami, Fl. 33157

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

Comments: Department suggests a 10% CWP goal

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
Site Preparation	\$40,400.75	0.96%	
Earthwork	\$38,295.50	0.91%	
Concrete	\$119,545.00	2.83%	
Masonry	\$34,676.48	0.82%	
Metal	\$157,292.25	3.72%	
Wood & Plastic	\$91,127.25	2.15%	
Doors & Windows	\$61,754.00	1.46%	
Finishes	\$52,785.01	1.25%	
Plumbing, Heating, A/C	\$112,097.68	2.65%	
Electrical	\$49,772.88	1.18%	
Total	\$ 757,746.80	17.92%	

RECOMMENDATION

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 CWP goal of 10% and a 17.92% CSBE goal is appropriate for this project.

Prepared By: John Gutierrez, Special Projects Administrator 1 

Approved By: _____

Signature: _____

Date submitted to SBD: 12/17/13

PARK NAME: West Perrine Park		Date: 12/17/2013	
PROJECT TITLE: Family Aquatic Facility		P & R #: 503204-05-001	
Cost Estimate Prepared by: KVH Architects, P.A.		Exhibit A	
CSI Div #	TASK DESCRIPTION	TOTALS	%
1	GENERAL REQUIREMENTS	\$612,727.13	19.70%
2	SITework	\$501,356.27	16.10%
3	CONCRETE	\$119,545.00	3.80%
4	MASONRY	\$34,676.48	1.10%
5	METAL	\$157,292.25	5.10%
6	WOOD AND PLASTIC	\$91,127.25	2.90%
7	THERMAL AND MOISTURE PROTECTION	\$65,839.19	2.10%
8	DOORS AND WINDOWS	\$61,754.00	2.00%
9	FINISHES	\$52,785.01	1.70%
10	SPECIALTIES	\$75,889.25	2.40%
11	EQUIPMENT	\$0.00	0.00%
12	FURNISHINGS	\$0.00	0.00%
13	SPECIAL CONSTRUCTION	\$1,177,917.50	37.80%
14	CONVEYING SYSTEMS (NOT USED)	\$0.00	0.00%
15	PLUMBING, HEATING, A/C	\$112,097.68	3.60%
16	ELECTRICAL	\$49,772.88	1.60%
	DIVISION SUBTOTAL	\$3,112,779.88	100%
	OVERHEAD AND PROFIT (15%)	\$466,916.98	
	BASE ESTIMATE (B.E.)	\$3,579,696.86	
	(5%)CONTINGENCY ALLOWANCE (.05 * B.E.)	\$178,984.84	
	PERMIT ALLOWANCE	\$26,847.73	
	ART IN PUBLIC PLACES ALLOWANCE (.015*B.E.)	\$56,782.94	
	TOTAL DEDICATED ALLOWANCE (PERMIT + AIPP)	\$83,630.67	
	TOTAL ESTIMATED CONSTRUCTION COST		\$3,842,312.38
	OPTION No.1- Open Shelter Structure		\$20,977.00
	OPTION No.1 OVERHEAD AND PROFIT (15%)		\$3,146.55
	OPTION No.1 - BASE ESTIMATE (A.B.E.)		\$24,123.55
	OPTION No.1 CONTINGENCY ALLOWANCE (.05 * A.B.E.)		\$1,206.18
	OPTION No. 1 PERMIT ALLOWANCE		\$180.93
	OPTION No.1 ART IN PUBLIC PLACES ALLOWANCE (.015*A.B.E.)		\$382.66
	OPTION No.1 TOTAL DEDICATED ALLOWANCE (PERMIT+AIPP)		\$563.59
	OPTION No.1- open Shelter Structure		\$25,893.31
	OPTION No. 2- 4' High Picket Fence- SUBTOTAL		\$9,524.00
	OPTION No.1 OVERHEAD AND PROFIT (15%)		\$1,428.60
	OPTION No.1 - BASE ESTIMATE (A.B.E.)		\$10,952.60
	OPTION No.1 CONTINGENCY ALLOWANCE (.05 * A.B.E.)		\$547.63
	OPTION No. 1 PERMIT ALLOWANCE		\$82.14
	OPTION No.1 ART IN PUBLIC PLACES ALLOWANCE (.015*A.B.E.)		\$173.74
	OPTION No.1 TOTAL DEDICATED ALLOWANCE (PERMIT+AIPP)		\$255.88
	OPTION No.2 - 4' High Picket Fence		\$11,756.11
	OPTION No.3 - Landscape Steel Grates		\$37,353.00
	OPTION No.1 OVERHEAD AND PROFIT (15%)		\$5,602.95
	OPTION No.1 - BASE ESTIMATE (A.B.E.)		\$42,955.95
	OPTION No.1 CONTINGENCY ALLOWANCE (.05 * A.B.E.)		\$2,147.80
	OPTION No. 1 PERMIT ALLOWANCE		\$322.17
	OPTION No.1 ART IN PUBLIC PLACES ALLOWANCE (.015*A.B.E.)		\$681.39
	OPTION No.1 TOTAL DEDICATED ALLOWANCE (PERMIT+AIPP)		\$1,003.56
	OPTION No.3- Landscape Steel Grates		\$46,107.31
	OPTION No.4- Pool Heating System - SUBTOTAL		\$245,612.00
	OPTION No.1 OVERHEAD AND PROFIT (15%)		\$36,841.80
	OPTION No.1 - BASE ESTIMATE (A.B.E.)		\$282,453.80
	OPTION No.1 CONTINGENCY ALLOWANCE (.05 * A.B.E.)		\$14,122.69
	OPTION No. 1 PERMIT ALLOWANCE		\$2,118.40
	OPTION No.1 ART IN PUBLIC PLACES ALLOWANCE (.015*A.B.E.)		\$4,480.42
	OPTION No.1 TOTAL DEDICATED ALLOWANCE (PERMIT+AIPP)		\$6,598.83
	OPTION No.4- Pool Heating System		\$303,175.32
	TOTAL ESTIMATED CONSTRUCTION COST WITH OPTIONS		\$4,229,244.42

Miami-Dade County
Parks, Recreation and Open Spaces Department
Capital Programs Division

PARK NAME: WEST PERRINE PARK PROJECT TITLE: FAMILY AQUATIC FACILITY Cost Estimate Prepared by: Jamal Oubrar dated 12/02/13			
ITEM #	DESCRIPTION	DAILY OUTPUT	CREW
1	MOBILIZATION (DIV 1)	60.00	8
2	SITE CONSTRUCTION (DIV 2)	25.00	14
3	CONCRETE (DIV3)	28.00	12
4	MASONRY (DIV 4)	7.00	5
5	METALS (DIV5)	29.00	8
6	WOOD & PLASTICS (DIV 6)	16.00	6
7	THERMAL MOISTURE PROTECTION (DIV 7)	12.00	6
8	DOOR & WINDOW (DIV 8)	8.00	4
9	FINISH (DIV 9)	15.00	7
10	SPECIALTIES (DIV 10)	3.00	5
11	EQUIPMENT (DIV 11)	0.00	0
12	FURNISHINGS (DIV 12)	0.00	0
13	SPECIAL CONSTRUCTION (DIV 13)	133.00	49
14	CONVEYING SYSTEM (DIV 14)	0.00	4
15	MECHANICAL (DIV 15)	60.00	8
16	ELECTRICAL (DIV 16)	29.00	5
16	DIVISION TOTAL	365.00	0
1	CONTINGENCY @ 5%	0.00	0
1	NET HARDCOST	0.00	0
1	GENERAL CONDITIONS (DIV 1) @ 7%	0.00	8
1	BOND & INSURANCE @ 3%	0.00	0
1	TOTAL DIRECT HARDCOST		
1	OVERHEAD & PROFIT @ 15%		
	A/E TOTAL COST ESTIMATE		
	CONSTRUCTION PERMITTING @0.75%		
	ALLOWANCE FOR UNFORESEEN CHANGES		
	ALLOWANCE FOR INSPECTOR GENERAL (IG) @ 0.25 %		
1	TOTAL (BASE BID) ESTIMATE OF PROBABLE CONSTRUCTION COST		
4	ADD ALTERNATE # 1 (SHELTER)	14.00	6
4	ADD ALTERNATE # 2 (GRATES)	7.00	4
4	ADD ALTERNATE # 3 (POOL HEATING SYSTEM)	60.00	12
4	ADD ALTERNATE # 4 (LOW FENCE' PICKETS)	7.00	3
	TOTAL CONSTRUCTION SCHEDULE	365.00	166